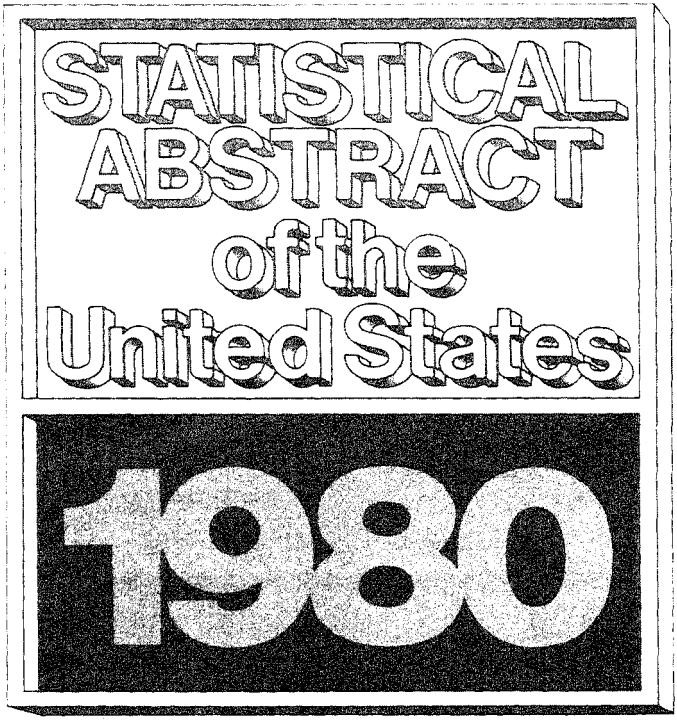


101st Edition

U.S. Department of Commerce
Malcolm Baldrige, Secretary
Courtenay M. Slater, Chief Economist

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Preface

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

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 Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data."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

Except as indicated, figures are for the United States as presently constituted. Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States and a smaller number for metropolitan areas and cities. Appendix II, Metropolitan Area Concepts and Components, presents explanatory text and a complete current listing of official standard metropolitan statistical areas (SMSA's), standard consolidated statistical areas (SCSA's), and New England county metropolitan areas (NECMA's). Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in many State tables and are supplemented by information in section 32. Additional information for cities, counties, metropolitan areas, congressional districts, and other small units, as well as more historical data, are available in various supplements to the *Abstract* (see inside back cover).

USA Statistics in Brief, 1980, the pocket-size loose insert in front of the book is also available separately as a reprint. This insert contains population data for the States from the 1980 Census, which became available too late for inclusion in the tables in the book. Price information can be obtained from, and orders sent to, the Superintendent of Documents, Washington, D.C. 20402, or any U.S. Department of Commerce district office located in certain large cities. A 25-percent discount will be allowed on orders of 100 copies or more sent to the same address.

Changes in the 1980 edition.—Some users may notice the *Abstract* has a different look this year. Reflecting the increasingly advanced technology within the printing industry, this edition has been composed entirely by the electronic photocomposition process, rather than by the more traditional monotype method. The *Statistical Abstract* is one of the first major Federal publications to be produced by the Government Printing Office's tabular program for electronic photocomposition. Not surprisingly, in the short run, technical difficulties in the adaptation of this new method resulted in some production delay as problem areas were identified and modifications made. For the long term, however, the conversion to this advanced method offers the potential of faster, more streamlined production. It is our hope that future editions will reflect such advancement.

Statistics in this edition are for the most recent year or period available by early November 1980. The results of the 1980 elections are featured in section 16. Each year more than 1,600 tables and charts are reviewed and evaluated; new tables and charts of current interest are added, continuing series are updated, and less timely data are condensed or eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 98 new tables, distributed among 28 of the 34 sections. Section 34 is presented as a supplement to the current section on Energy and contains data specifically

related to residential energy consumption. In addition, graphic charts have been revised or updated and many sections have undergone tabular rearrangement and format changes designed to improve the organization of subject matter. Of the tables included in the 1979 edition, 82 were omitted from this issue. The omissions represent primarily tables for which comparable details appear in other tables or for which no recent data are available, or tables for which the subject matter shown was considered relatively less important in the light of the space required for presentation.

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

- U.S. population living abroad, p. 15
- Unmarried couples, p. 44
- Persons with elevated blood pressure, by race, sex, and age, p. 128
- Persons using special health aids, p. 128
- Persons enrolled below the modal grade in school, p. 147
- Victimization rates of crimes against persons and households, p. 186
- Characteristics of jail inmates, selected offenses, p. 201
- Concentration levels of pesticide residues in human tissue, p. 219
- Characteristics of household trips, by purpose of trip, p. 252
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- Day care center enrollment, by funding status, p. 360
- Main reasons for working more than one job, p. 401
- Median family money income in current and constant (1978) dollars, by race, p. 451

Government and economic activities are reflected in new tables on:

- Finances of public school systems, by enrollment-size group, p. 161
- Federal credit activities, p. 265
- Budget receipts and expenditures, by fund group, p. 263
- Dependency of State and local governments on outside aid, p. 294
- Department of Defense purchases, national income and product account basis, p. 373
- Annual percent changes in wage rates, costs, output per man-hour, and Federal budget, p. 478
- Average prices of selected energy measures, p. 495
- Bank suspensions and failures, p. 532
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- Federal government grant approvals for mass transportation, p. 656
- Traffic and financial characteristics of petroleum pipeline companies, p. 665
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Historical statistics.—Specific headnote references in this *Abstract* link many tables to earlier data shown in *Historical Statistics of the United States, Colonial Times to 1970.* (See Appendix I, pp. 940–942.)

Statistical reliability and responsibility.—The contents of this volume were taken from many sources. All data from either censuses and surveys or from administrative records are subject to error arising from a number of factors: Sampling variability (for statistics based on samples), reporting errors in the data for individual units, incomplete coverage, nonresponse, imputations, and processing error. (See also Appendix III, pp. 953–971.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

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

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

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Customary and Metric Weights and Measures

[For information regarding conversion, call or write the Metric Information Office, National Bureau of Standards, Washington, D.C. 20234 (301-921-2401)]

APPROXIMATE CONVERSIONS

Customary		Metric	Metric		Customary
Inches (in)	×	25.4 = millimeters	Millimeters (mm)	×	.04 = inch
Feet (ft)	×	.3 = meter	Meters (m)	×	3.3 = feet
Yards (yd)	×	.9 = meter	Meters (m)	×	1.1 = yards
Miles (mi)	×	1.6 = kilometers	Kilometers (km)	×	.6 = mile
Square inches (in ^{2})	×	6.5 = sq centimeters	Sq centimeters (cm ^{2})	×	.2 = sq inch
Square feet (ft ^{2})	×	.1 = sq meter	Square meters (m ^{2})	×	10.8 = sq feet
Square yards (yd ^{2})	×	.8 = sq meter	Square meters (m ^{2})	×	1.2 = sq yards
Acres	×	.4 = hectare	Hectares (ha)	×	2.5 = acres
Cubic feet (ft ^{3})	×	.03 = cu meter	Cu meters (m ^{3})	×	35.3 = cu feet
Cord (cd)	×	3.6 = cu meter	Liters (l)	×	1.1 = quarts (lq)
Quarts (lq) (qt)	×	.9 = liter	Cu meters (m ^{3})	×	264.2 = gallons
Gallons (gal)	×	.004 = cu meters	Grams (g)	×	.04 = ounce (avdp)
Ounces (avdp) (oz)	×	28.4 = grams	Kilograms (kg)	×	2.2 = pounds (avdp)
Pounds (avdp) (lb)	×	.5 = kilogram	Kilowatts (kW)	×	1.3 = horsepower
Horsepower (hp)	×	.7 = kilowatt	Degrees Celsius	×	9/5+32 = degrees Fahrenheit
Degrees Fahrenheit (−32)	×	5/9 = degrees Celsius			

UNITS OF LENGTH AND AREA

Customary		Metric	Metric		Customary
Inch (in)		= 25.4 millimeters	Millimeter (mm)	=	.001 meter = .039 inch
Foot (ft)	=	12 in = .305 meter	Centimeter (cm)	=	.01 meter = .394 inch
Yard (yd)	=	36 in or 3 ft = .914 meter	Decimeter (dm)	=	.1 meter = 3.937 inches
Mile (mi)	=	5,280 ft = 1.609 kilometers	Meter (m)		= 3.281 feet
In ^{2} (sq in)		= 6.452 cm ^{2}	Kilometer (km)	=	1,000 meters = .621 mile
Ft ^{2} (sq ft)	=	144 sq in = .093 m ^{2}	Sq millimeter (mm ^{2})	=	.000001 m ^{2} = .002 sq in
Yd ^{2} (sq yd)	=	1,296 sq in = .836 m ^{2} or 9 sq ft	Sq centimeter (cm ^{2})	=	.0001 m ^{2} = .155 sq in
			Sq decimeter (dm ^{2})	=	.01 m ^{2} = 15.5 sq in
Acre	=	43,560 sq ft = .405 ha	Sq meter (m ^{2})		= 10.764 sq ft
Mile ^{2} (sq mi)	=	640 acres = 2.59 km ^{2}	Hectare (ha)	=	10,000 m ^{2} = 2.471 acres
			Sq kilometer (km ^{2})	=	1,000,000 m ^{2} = .386 sq mi

UNITS OF WEIGHT (OR MASS)

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

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

UNITS OF CAPACITY

Customary		Metric	Customary		Metric
		Liquid			Dry
Fluid ounce (fl oz)		= 29.573 ml	Pint (pt)		= .551 dm ^{3}
Pint (pt)	=	16 fl oz = .473 liter	Quart (qt)	=	2 pints = 1.101 dm ^{3}
Quart (qt)	=	32 fl oz or 2 pt = .946 liter	Peck (pk)	=	8 quarts = 8.810 dm ^{3}
Gallon (gal)	=	8 pt or 4 qt = 3.785 liters	Bushel (bu)	=	32 quarts = 35.238 dm ^{3}

Metric	Customary	
Milliliter (ml) = .001 liter	= .034 fl oz (liquid)	= .002 pt (dry)
Liter (l)	= 1.057 qt (liquid)	= .908 qt (dry)
Hectoliter (hl) = 100 liters	= 26.418 gal (liquid)	= 2.838 bu (dry)

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

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

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

Example of table structure:

Table Number and Title — No. 55. Marital Status, by Household Headship, Age, and Sex: 1979

Unit indicator — [In thousands, except percent. Persons 14 years old and over. As of March. Based on Current Population Survey; see text, p. 1 and Appendix III] — *Headnote*

Spanner

Footnote indicator — *Parallel rule*

Item	Total [1]	MALE					FEMALE					*Column heads*
		Total [1]	20-24 years	25-44 years	45-64 years	65 yr. and over	Total [1]	20-24 years	25-44 years	45-64 years	65 yr. and over	
Stub — All households	169,566	80,969	9,713	28,658	20,780	9,548	88,617	10,136	30,005	22,677	13,627	*Field*
Household heads [3]	77,330	57,342	4,122	24,541	19,487	8,637	19,987	1,613	5,783	5,382	6,958	
Single	5,974	4,538	1,276	2,078	670	323	4,436	1,186	1,812	616	592	
Married, spouse present	47,682	47,682	2,688	20,628	17,152	7,037	(X)	(X)	(X)	(X)	(X)	
Not household head	92,256	23,627	5,591	4,117	1,293	711	68,630	8,523	24,222	17,295	6,659	
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Household heads [3]	45.6	70.8	42.4	85.6	93.8	92.6	22.6	15.9	19.3	23.7	51.1	
Single	5.3	5.6	13.1	7.3	3.2	3.4	5.0	11.7	6.0	2.7	4.3	
Married, spouse present	28.1	58.9	27.7	72.0	82.5	73.7	(x)	(x)	(x)	(x)	(x)	
Not household head	54.4	29.2	57.6	14.4	6.2	7.4	77.4	84.1	80.7	76.3	48.9	

Heavy rule

Footnotes → x Not applicable. [1] Includes 14-19 year olds. [3] Includes other marital status not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, P-20, No. 349.

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

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

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

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

(1) that the components which follow add to the total (e.g., tables 1, 6, 33, etc.);

(2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 32 for ratios, table 52 for percentages, table 91 for medians, and table 92 for rates).

Heavy vertical rules are used—

(1) in tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 3, 30, etc.);

(2) to set off independent sections of a table (e.g., tables 1, 4, 7, etc.).

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

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

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

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

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

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

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

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

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

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

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



Section 1

Population

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

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

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, however, some data have been obtained from representative samples of the population rather than from a complete count, as follows: 5 percent in 1940, 20 percent in 1950, 25 percent in 1960, and 5, 15, and 20 percent in 1970. Exact agreement is not to be expected among the various samples, nor between them and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate patterns, trends, and relationships where small numbers are involved. For tables of sampling errors for sampled data, see *Census of Population: 1970,* PC(1)-C, *General Social and Economic Characteristics,* Appendix C.

Estimates based on evaluation studies of the 1970 census results indicate a total net underenumeration of about 5.3 million persons, compared with 5.1 million in 1960. Among the persons who were not counted in 1970, about 3.4 million were White and about 1.9 million were Black. The overall rate of net underenumeration in 1970 was about 2.5 percent, compared with 2.7 percent in 1960 and 3.3 percent in 1950. Data from the 1950, 1960, and 1970 censuses have not been adjusted for the estimated underenumeration. See *Estimates of Coverage of Population by Sex, Race, and Age: Demographic Analysis,* PHC(E)-4, February 1974.

In an attempt to estimate the extent of underenumeration in the 1970 census for areas within the United States, such as States, the Bureau has developed several alternate sets of estimates for each State. These estimates suggest variations in the extent of coverage by a number of factors (e.g., race). While the State data presented here are not adjusted for underenumeration, detail concerning the Bureau's estimates may be found in *Developmental Estimates of the Coverage of the Population of the United States in the 1970 Census: Demographic Analysis,* series P-23, No. 65.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing, in most cases, the noninstitutional civilian population 14 years old and over. The sample is drawn from about 600 areas comprising approximately 1,100 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time (1980), about 86,000 housing units or other living quarters are designated for the sample at any time, of which about 71,000 are occupied by households eligible for interview; of these, in turn, about 4 to 5 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of *Current Population Reports,* which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Population estimates and projections.—National population estimates are derived by use of decennial census data as benchmarks and of data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense); net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). State estimates are based on similar data and also on a variety of data series, including school statistics from State departments of education and parochial school systems.

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

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

Standard Metropolitan Statistical Areas (SMSA) and Standard Consolidated Statistical Areas (SCSA).—The general concept of an SMSA is one of an integrated economic and social unit with a large population nucleus; SCSA's are large metropolitan agglomerations consisting of groups of adjacent SMSA's. SMSA's and SCSA's were defined by the Office of Management and Budget (OMB) for several years. However, this function was transferred to the Department of Commerce in October 1977. According to the criteria, the entire territory of the United States is classified as *metropolitan* (inside SMSA's), or *nonmetropolitan* (outside SMSA's). SMSA's and SCSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been developed as a convenience for data users. Periodically, changes in SMSA definitions are made. New SMSA's may be created and the boundaries of others may change. As a result, data for SMSA's over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in SMSA definitions, and a listing of area titles and components of each SMSA, SCSA, and NECMA, see Appendix II.

Urban and rural areas.—According to the 1970 census definition, the urban population comprises all persons in (a) places of 2,500 inhabitants or more incorporated as cities, villages, boroughs (except Alaska), and towns (except in New England, New York, and Wisconsin), but excludes persons living in the rural portions of "extended cities" (places with relatively low population density in one or more large parts of their area); (b) unincorporated places of 2,500 inhabitants or more; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city, or twin cities, with a total of 50,000 inhabitants or more, together with contiguous closely settled territory (urban fringe).

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 inhabitants or more, and certain areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. The previous urban definition was replaced in 1950 by the current definition except for minor modifications and the introduction of the "extended cities" concept in 1970. In all definitions, the population not classified as urban constitutes the rural population.

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

Race.—For census purposes, the population is divided into three major groups on the basis of race: White, Black or Negro, and other. For the 1960 and 1970 censuses, data were obtained on race principally through self-enumeration; thus, the data represent essentially self-classification by people according to the race with which they identify themselves. Persons who did not classify themselves in one of the specified race categories, but entered Mexican, Puerto Rican, or a response suggesting Indo-European stock, were classified as White. In 1970, the father's race was used for persons of mixed parentage who were in doubt as to their classification. In 1960, persons who reported mixed parentage of White and any other race were classified according to the other race: mixtures of races other than White were classified according to the father's race.

In the Current Population Survey and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as 1) White, 2) Black, 3) American Indian, Aleut, or Eskimo, or 4) Asian or Pacific Islander. Persons of mixed race are asked to report the one with which they most closely identify.

Ethnic origin.—"Ethnic origin" is determined on the basis of a question in the Current Population Survey asking for self-identification of the person's origin or descent and is, therefore, a report on what persons perceive their origin to be. The answers to this question produce results somewhat different from those based on inferences from such characteristics as place of birth, country of origin, language spoken in the home, or surname. Persons of Spanish origin may be of any race.

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

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

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

All persons not living in households are classified as living in *group quarters.* These individuals may be *institutionalized, e.g., under care* or custody in jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 79).

Householder.—In this edition, the term "householder" is introduced, replacing the terms "head of household" and "head of family." Its use is synonymous with the previously used terms. However, beginning with the reporting of the 1980 census, it will refer to the first adult household member listed on the census questionnaire. This policy contrasts with the Bureau's longtime practice of always classifying the husband as the head in married-couple families.

Family.—The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together in a household. A primary family includes among its members the person or couple who maintains the household. A secondary family comprises two or more persons such as guests, lodgers, or resident employees and their relatives living in a household and related to each other but not to the person or couple who maintains the household.

Subfamily.—A "subfamily" consists of a married couple and their children, if any, or one parent with one or more unmarried children under 18 years old living in a household and related to the person or couple who maintains the household. Members of a subfamily are also members of the primary family with whom they live. The number of subfamilies, therefore, is not included in the number of families.

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

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

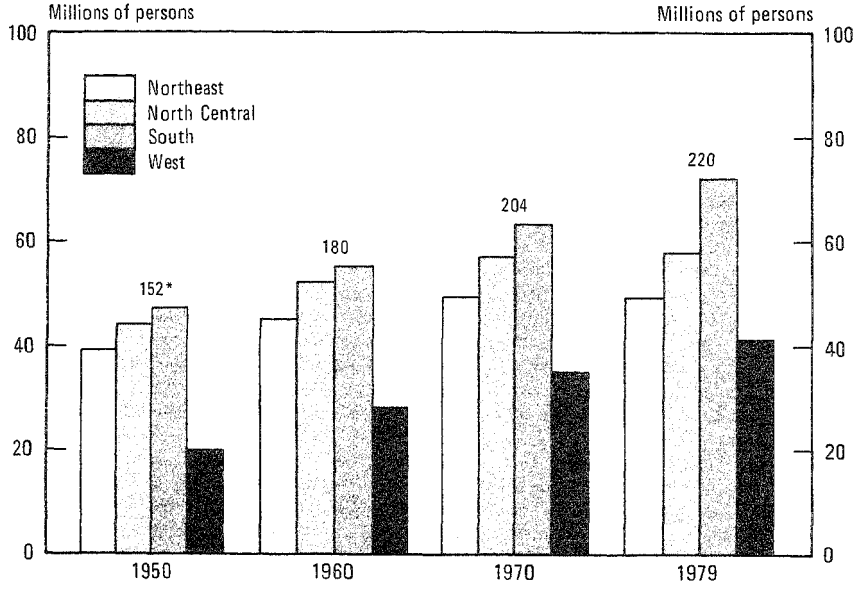
Average annual change.—*In this section, average annual percent change is computed by* the exponential or continuous-compounding method; see Guide to Tabular Presentation.

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

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

Figure 1.1

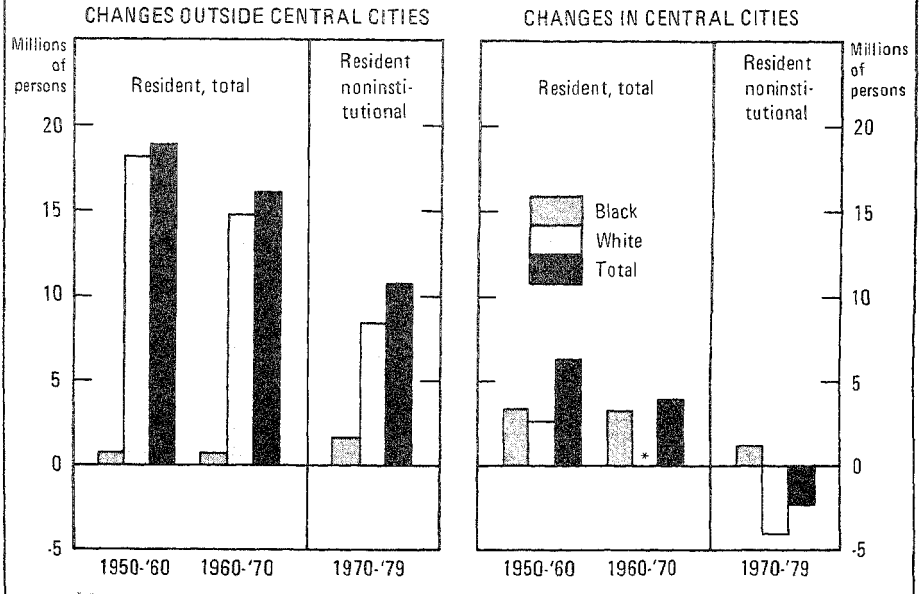
Resident Population, by Region: 1950 to 1979



*Total resident population in millions.

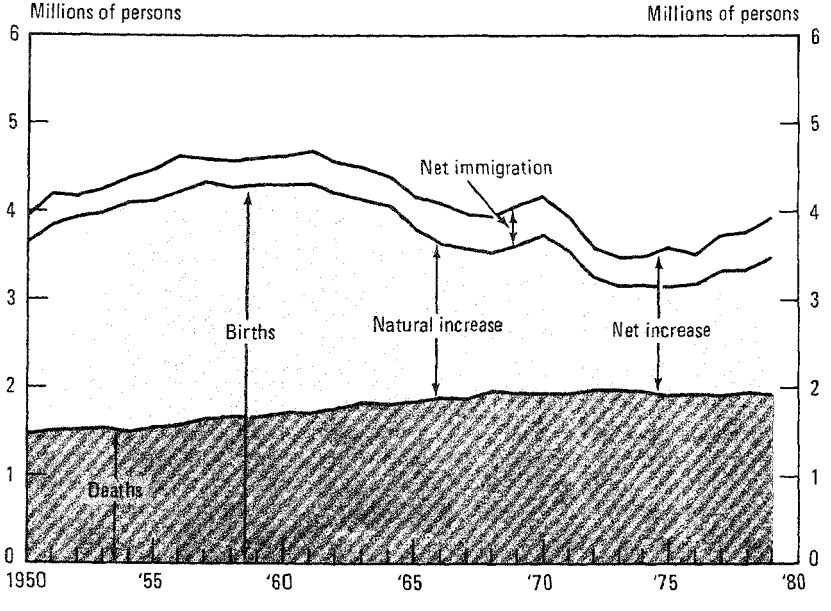
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 13.

Figure 1.2
Population Changes in Metropolitan Areas by Race: 1950 to 1979



*Fewer than 500,000 white persons.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 21.

Figure 1.3
Components of Population Change: 1959 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 4.

No. 1. Population and Area: 1790 to 1970

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Area figures have been adjusted to bring them into agreement with remeasurements made in 1940. For additional area data, see tables 7 and 353]

Census date	Resident population				Area (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
CONTERMINOUS U.S. [1]							
1790 (Aug. 2)	3,929,214	4.5	(x)	(x)	888,811	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	888,811	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,716,003	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,788,006	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,788,006	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,788,006	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,992,747	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,022,387	2,969,640	52,747
1870 (June 1)	[2] 39,818,449	[2] 13.4	8,375,128	26.6	3,022,387	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,022,387	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,022,387	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,022,387	2,969,834	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,022,387	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,022,387	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,022,387	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,022,387	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,022,387	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,022,261	2,968,054	54,207
UNITED STATES							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,615,211	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,615,123	3,540,911	74,212
1970 (Apr. 1)	[3] 203,211,926	57.4	23,888,751	13.3	[4] 3,618,467	[4] 3,540,023	[4] 78,444

X Not applicable. [1] Excludes Alaska and Hawaii. [2] Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,558,371 (13.0 per square mile).
[3] The official 1970 resident population count is 203,235,298; the difference of 23,372 is due to errors found after tabulations were completed. [4] Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920 to 1970,* vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940,* and *Area Measurement Reports,* series GE-20, No. 1.

No. 2. Population: 1900 to 1980

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

Year	Resident population	Year	Resident population	Year	Total population	Total percent change	Resident population	Civilian population	Year and month	Total population	Total percent change	Resident population	Civilian population
1900	76.1	1920	106.5	1940	132.6	1.3	132.5	132.1	1962	186.6	1.5	185.8	183.7
1901	77.6	1921	108.5	1941	133.9	1.0	133.7	132.1	1963	189.2	1.4	188.5	186.5
1902	79.2	1922	110.1	1942	135.4	1.1	134.6	131.4	1964	191.9	1.4	191.1	189.1
1903	80.6	1923	112.0	1943	137.3	1.4	135.1	128.0	1965	194.3	1.3	193.5	191.6
1904	82.2	1924	114.1	1944	138.9	1.2	133.9	127.2	1966	196.6	1.2	195.6	193.4
1905	83.8	1925	115.8	1945	140.5	1.1	133.4	128.1	1967	198.7	1.1	197.5	195.3
1906	85.4	1926	117.4	1946	141.9	1.0	140.7	138.9	1968	200.7	1.0	199.4	197.1
1907	87.0	1927	119.0	1947	144.7	1.9	144.1	143.1	1969	202.7	1.0	201.4	199.1
1908	88.7	1928	120.5	1948	147.2	1.7	146.7	145.7	1970	204.9	1.1	203.8	201.7
1909	90.5	1929	121.8	1949	149.8	1.7	149.3	148.2	1971	207.1	1.1	206.2	204.3
1910	92.4	1930	123.1	1950	152.3	1.7	151.9	150.8	1972	208.8	.9	208.2	206.5
1911	93.9	1931	124.1	1951	154.9	1.7	154.0	151.6	1973	210.4	.7	209.9	208.1
1912	95.3	1932	124.8	1952	157.6	1.7	156.4	153.9	1974	211.9	.7	211.4	209.7
1913	97.2	1933	125.6	1953	160.2	1.7	159.0	156.6	1975	213.6	.8	213.1	211.4
1914	99.1	1934	126.4	1954	163.0	1.8	161.9	159.7	1976	215.2	.7	214.7	213.0
1915	100.5	1935	127.3	1955	165.9	1.8	165.1	163.0	1977	216.9	.8	216.4	214.7
1916	102.0	1936	128.1	1956	168.9	1.8	168.1	166.1	1978	218.5	.8	218.1	216.4
1917	103.3	1937	128.8	1957	172.0	1.8	171.2	169.1	1979	220.6	.8	220.1	218.5
1918	103.2	1938	129.8	1958	174.9	1.7	174.1	172.2	1980:				
1919	104.5	1939	130.9	1959	177.8	1.7	177.1	175.3	Jan. 1	221.7	.51	221.2	219.6
				1960	180.7	1.6	180.0	178.1	May 1	222.3	.03	221.8	220.3
				1961	183.7	1.7	183.0	181.1					

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 802 and 888.

No. 3. Projections of Total Population: 1976 to 2050

[**In millions.** As of **July 1.** Includes Armed Forces abroad. The base date for the projections is **1976.** See p. 2 for derivation of projections. For projection assumptions, see headnote, table 34]

YEAR	SERIES				YEAR	SERIES			
	I	II	III	II-X		I	II	III	II-X
1976	215				2015	335	283	253	262
1980	224	222	221	220	2020	354	290	253	265
1985	239	233	229	229	2025	373	296	252	267
1990	255	244	236	237	2030	393	300	249	269
1995	269	253	242	244	2035	414	304	246	269
2000	283	260	246	248	2040	438	308	241	269
2005	298	268	249	253	2045	463	312	236	269
2010	315	275	251	257	2050	488	316	231	269

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 704.

No. 4. Components of Population Change: 1930 to 2000

[For **1930** and **1935,** excludes Alaska, Hawaii, and Armed Forces abroad. Minus sign (—) denotes net outmigration. For explanation of series projections assumptions, see headnote, table 34. For explanation of annual average change, see Guide to Tabular Presentation]

YEAR OR PERIOD	TOTAL (Jan. 1–Dec. 31)[1]						RATE PER 1,000 MIDYEAR POPULATION				
	Population at start of period (1,000)	Net increase[2]		Natural increase		Net civilian immigration (1,000)	Net growth rate[3]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent[3]	Births[4] (1,000)	Deaths[5] (1,000)			Total	Birth rate[4]	Death rate[5]	
1930	122,487	1,128	.9	2,618	1,419	113	9.2	9.7	21.3	11.5	.9
1935	126,874	853	.7	2,377	1,421	−2	6.7	7.5	18.7	11.2	(z)
1940	132,054	1,221	.9	2,570	1,432	77	9.2	8.6	19.4	10.8	.6
1945	139,767	1,462	1.1	2,873	1,549	162	10.4	9.4	20.5	11.0	1.2
1950	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955	164,588	2,925	1.8	4,128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960	179,386	2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965	193,223	2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970	203,849	2,227	1.1	3,739	1,927	438	10.9	8.8	18.2	9.4	2.1
1975	212,748	1,698	.8	3,144	1,894	449	8.0	5.9	14.7	8.9	2.1
1976	214,446	1,611	.8	3,168	1,910	353	7.5	5.8	14.7	8.9	1.6
1977	216,058	1,816	.8	3,327	1,900	394	8.4	6.6	15.3	8.8	1.8
1978	217,874	1,825	.8	3,328	1,925	427	8.3	6.4	15.2	8.8	2.0
1979	219,699	2,019	.9	3,468	1,908	460	9.2	7.1	15.7	8.7	2.1
	ANNUAL AVERAGES										
1930–1934	122,487	877	.7	2,453	1,398	−1	7.0	8.5	19.7	11.2	(z)
1935–1939	126,874	915	.7	2,421	1,447	29	7.1	7.5	18.8	11.2	.2
1940–1944	132,054	1,543	1.1	2,872	1,468	114	11.4	10.4	21.2	10.8	.8
1945–1949	139,767	2,274	1.6	3,491	1,464	231	15.7	14.0	24.1	10.1	1.6
1950–1954	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955–1959	164,588	2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.8
1960–1964	179,386	2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.9
1965–1969	193,223	2,125	1.1	3,628	1,888	419	10.7	8.7	18.3	9.5	2.1
1970–1974	203,849	1,780	.9	3,370	1,946	359	8.6	6.8	16.2	9.3	1.7
1975–1979	212,748	1,794	.8	3,287	1,907	416	8.3	6.4	15.1	8.8	1.9
1978–1979	217,874	1,922	.9	3,398	1,916	443	8.8	6.8	15.4	8.8	2.0
PROJECTIONS (July 1–June 30)											
Series I:											
1980–1985	224,066	2,962	1.3	4,714	2,152	400	12.8	11.1	20.4	9.3	1.7
1985–1990	238,878	3,167	1.3	5,067	2,299	400	12.8	11.2	20.5	9.3	1.6
1990–1995	254,715	2,934	1.2	4,975	2,441	400	11.2	9.7	19.0	9.3	1.5
1995–2000	269,384	2,691	1.0	4,866	2,575	400	9.7	8.3	17.6	9.3	1.4
Series II:											
1980–1985	222,159	2,144	1.0	3,882	2,138	400	9.4	7.7	17.1	9.4	1.8
1985–1990	232,880	2,126	.9	4,008	2,281	400	8.9	7.3	16.8	9.6	1.7
1990–1995	243,513	1,847	.8	3,868	2,421	400	7.4	5.8	15.6	9.8	1.6
1995–2000	252,750	1,526	.6	3,676	2,551	400	5.9	4.4	14.3	9.9	1.6
Series III:											
1980–1985	220,732	1,629	.7	3,359	2,129	400	7.2	5.5	14.9	9.5	1.8
1985–1990	228,879	1,477	.6	3,347	2,270	400	6.4	4.6	14.4	9.8	1.7
1990–1995	236,264	1,142	.5	3,149	2,408	400	4.8	3.1	13.2	10.1	1.7
1995–2000	241,973	781	.3	2,916	2,535	400	3.2	1.6	12.0	10.4	1.6

Z Less than .05 per 1,000 midyear population. [1] Except as indicated. [2] For 1940–1979, includes admissions into, less discharges from, Armed Forces abroad. Through 1970, includes "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [3] Percent of population at beginning of period. [4] Adjusted for underregistration prior to April 1, 1970.
[5] Prior to April 1, 1960, adjusted for underregistration of infant deaths.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 704, 802, and 870.

No. 5. Center of Population: 1790 to 1970

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

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



[1] For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries," *United States Summary, U.S. Census of Population: 1960,* vol. I. For year of admission to statehood, see table 354.

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

No. 6. Resident Population and Population Density in Counties Within 50 Miles of Coastal Shorelines: 1940 to 1978

[**1940–1970,** as of **April 1** and based on census data. **1978** as of **July 1** and based on estimates developed for Federal revenue-sharing allocation; for details, see *Current Population Reports,* series P–25, No. 699. Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	U.S. total	COUNTIES IN COASTAL REGIONS					Balance of U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1970 (1,000 sq. mi.)	2,964	468	122	118	134	94	2,496
POPULATION							
1940 *(mil)*	131.7	*60.5*	*29.9*	*7.5*	*18.9*	*4.2*	*71.2*
1950 (mil)	150.7	73.5	34.6	11.5	21.8	5.6	77.2
1960 (mil)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 *(mil)*	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1978 (mil)	217.0	114.9	49.8	23.9	29.7	11.5	102.1
1940 (percent)	100	46	23	6	14	3	54
1950 (percent)	100	49	23	8	15	4	51
1960 (percent)	100	52	23	9	15	4	48
1970 (percent)	100	54	24	11	15	5	46
1978 (percent)	100	53	23	11	14	5	47
Population per square mile:							
1940	44.4	*129.2*	*244.4*	*64.1*	*140.9*	*44.8*	*28.5*
1950	50.8	157.2	283.3	97.6	162.9	59.8	30.9
1960	60.2	198.3	341.6	142.7	197.3	83.1	34.3
1970	68.2	232.0	394.4	182.5	219.1	101.1	37.6
1978	73.2	245.7	407.9	202.7	221.9	122.5	40.9

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

No. 7. Population and Area—United States and Outlying Areas: 1950 to 1970

[For area of individual States, see table 354. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970,* series A 9-22 and J 1-2]

AREA	RESIDENT POPULATION				Gross area (land and water), 1970 (sq. mi.)
	1950 (April 1)	1960 (April 1)	1970 (April 1)	Percent change, 1960–70	
Total	**154,233,234**	**183,285,009**	**207,976,452**	**13.5**	**[1] 3,631,407**
United States	151,325,798	179,323,175	[2] 203,211,926	13.3	[1] 3,618,467
Puerto Rico [3]	2,210,703	2,349,544	2,712,033	15.4	3,435
Outlying areas	[4] 215,188	[4] 237,869	314,657	32.3	9,505
Territories	106,219	123,151	179,519	45.8	463
Guam	59,498	67,044	84,996	26.8	212
Virgin Islands of the U.S	26,665	32,099	62,468	94.6	133
American Samoa	18,937	20,051	27,159	35.4	76
Midway Islands	416	2,356	2,220	–5.8	2
Wake Island	349	1,097	1,647	50.1	3
Canton Island and Enderbury Island [5]	272	320	-	–100.0	27
Johnston Atoll [6]	46	156	1,007	545.5	(z)
Swan Islands [7]	36	28	22	–21.4	1
Other	-	-	-	(x)	[8] 9
Canal Zone [9]	52,822	42,122	44,198	4.9	553
Trust Territory of the Pacific Islands [10]	[11] 54,843	[12] 70,724	90,940	28.6	[13] 8,489
U.S. population abroad [14]	[15] 481,545	1,374,421	1,737,836	26.4	(x)
Federal employees	328,505	647,730	1,114,224	72.0	(x)
Armed Forces	301,595	609,720	[16] 1,057,776	73.5	(x)
Civilians	26,910	38,010	56,448	48.5	(x)
Dependents of Federal employees	107,350	506,393	371,366	–26.7	(x)
Crews of merchant vessels	45,690	32,464	15,910	–51.0	(x)
Other citizens	(NA)	[17] 187,834	[17] 236,336	25.8	(x)

– Represents zero. NA Not available. X Not applicable. Z Less than .5 square mile.

[1] Figures corrected after 1970 final reports were issued. [2] See footnote 3, table 1.

[3] Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico.

[4] Includes population of Corn Islands (1950, 1,304; 1960, 1,872) not shown separately. Lease of Corn Islands from Republic of Nicaragua was terminated in 1971. Area total excludes area of these islands (4 square miles).

[5] Enderbury Island uninhabited; Canton uninhabited in 1970.

[6] Includes Johnston Island and Sand Island. Sand Island uninhabited at time of enumeration.

[7] Returned to Honduras in 1972.

[8] Area is for Navassa (2 square miles), Baker, Howland, and Jarvis (3 square miles), and Palmyra (4 square miles); uninhabited at time of enumeration.

[9] Under jurisdiction of the United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama. U.S. jurisdiction ended Oct. 1, 1979.

[10] Administered by United States since July 18, 1947, under United Nations Trusteeship system; includes Northern Mariana Islands. [11] Estimated civilian population as of June 30, 1950.

[12] Census of 1958 conducted by the Office of the High Commissioner, Trust Territory of the Pacific Islands.

[13] Comprises 717 square miles of land area and 7,772 square miles of water area.

[14] Excludes U.S. citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of their own households.

[15] Based on 20-percent sample of reports received.

[16] Based partially on tabulations provided by Department of Defense.

[17] Represents U.S. citizens abroad for extended periods. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

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

No. 8. Population, by Size-Class of States: 1960 to 1979

[As of **April,** except 1979 as of **July.** Includes District of Columbia. Gross area comprises land and water]

POPULATION SIZE-CLASS	POPULATION, 1960			POPULATION, 1970			GROSS AREA, 1970			POPULATION, 1979, est.		
	Number of States	Total (1,000)	Percent of total	Number of States	Total (1,000)	Percent of total	Total (1,000 sq. mi.)	Percent of total	Number of States	Total (1,000)	Percent of total
Total	**51**	**179,323**	**100.0**	**51**	**203,235**	**100.0**	**3,618**	**100.0**	**51**	**220,099**	**100.0**
Over 10 million	4	53,900	30.1	6	82,951	40.8	619	17.1	6	87,413	39.7
5 million–10 million	5	38,325	21.4	6	38,798	19.1	222	6.1	8	52,488	23.8
3 million–5 million	13	49,995	27.9	12	46,733	23.0	576	15.9	10	40,530	18.4
2 million–3 million	7	17,214	9.6	7	16,739	8.2	488	13.5	9	23,454	10.7
1 million–2 million	6	9,883	5.5	6	8,999	4.4	475	13.1	5	7,157	3.3
Under 1 million	16	10,007	5.6	14	9,015	4.4	1,238	34.2	13	9,056	4.1

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, part A, and *Current Population Reports,* series P-25, No. 876.

NO. 9. RESIDENT POPULATION, RANK, PERCENT CHANGE,

[As of census date: **Jan. 1**, for **1920**, and **Apr. 1** thereafter, except as noted. Insofar as possible, population shown for all of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial times to 1970,*

DIVISION AND STATE OR OTHER AREA	POPULATION (1,000)									
	1920	1930	1940	1950	1960			1970		
					Total	Male	Female	Total	Male	Female
U.S	**106,022**	**123,203**	**132,165**	**151,326**	**179,323**	**88,331**	**90,992**	**203,212**	**98,912**	**104,300**
Regions:										
N. East	29,662	34,427	35,977	39,478	44,678	21,726	22,952	49,041	23,563	25,478
N. Cen	34,020	38,594	40,143	44,461	51,619	25,472	26,147	56,572	27,563	29,009
South	33,126	37,858	41,666	47,197	54,973	27,065	27,908	62,795	30,588	32,208
West	9,214	12,324	14,379	20,190	28,053	14,067	13,986	34,804	17,199	17,606
N.E	**7,401**	**8,166**	**8,437**	**9,314**	**10,509**	**5,121**	**5,388**	**11,842**	**5,715**	**6,127**
Maine	768	797	847	914	969	479	490	992	483	509
N.H	443	465	492	533	607	298	309	738	361	377
Vt	*352*	*360*	*359*	*378*	390	192	198	444	217	227
Mass	3,852	4,250	4,317	4,691	5,149	2,486	2,662	5,689	2,719	2,970
R.I	604	687	713	792	859	422	438	947	464	482
Conn	1,381	1,607	1,709	2,007	2,535	1,244	1,291	3,032	1,470	1,561
M.A	**22,261**	**26,261**	**27,539**	**30,164**	**34,168**	**16,605**	**17,563**	**37,199**	**17,848**	**19,351**
N.Y	10,385	12,588	13,479	14,830	16,782	8,123	8,659	18,237	8,715	9,522
N.J	3,156	4,041	4,160	4,835	6,067	2,972	3,095	7,168	3,467	3,701
Pa	8,720	9,631	9,900	10,498	11,319	5,510	5,810	11,794	5,665	6,128
E.N.C	**21,476**	**25,297**	**26,626**	**30,399**	**36,225**	**17,863**	**18,362**	**40,252**	**19,602**	**20,650**
Ohio	5,759	6,647	6,908	7,947	9,706	4,764	4,942	10,652	5,163	5,489
Ind	2,930	3,239	3,428	3,934	4,662	2,299	2,364	5,194	2,531	2,662
Ill	6,485	7,631	7,897	8,712	*10,081*	*4,953*	*5,128*	*11,114*	*5,392*	*5,722*
Mich	3,668	4,842	5,256	6,372	7,823	3,883	3,940	8,875	4,349	4,526
Wis	2,632	2,939	3,138	3,435	3,952	1,965	1,987	4,418	2,167	2,250
W.N.C	**12,544**	**13,297**	**13,517**	**14,061**	**15,394**	**7,609**	**7,785**	**16,319**	**7,960**	**8,359**
Minn	2,387	2,564	2,792	2,982	3,414	1,693	1,721	3,805	1,864	1,941
Iowa	2,404	2,471	2,538	2,621	2,758	1,359	1,398	2,824	1,373	1,452
Mo	3,404	3,629	3,785	3,955	4,320	2,108	2,212	4,677	2,256	2,421
N. Dak	647	681	642	620	632	323	309	618	312	306
S. Dak	637	693	643	653	681	344	336	666	330	335
Nebr	1,296	1,378	1,316	1,326	1,411	700	711	1,483	724	759
Kans	1,769	1,881	1,801	1,905	2,179	1,081	1,097	2,247	1,102	1,145
S.A	**13,990**	**15,794**	**17,823**	**21,182**	**25,972**	**12,792**	**13,179**	**30,671**	**14,944**	**15,728**
Del	223	238	267	318	446	221	225	548	267	281
Md	1,450	1,632	1,821	2,343	3,101	1,533	1,567	3,922	1,916	2,006
D.C	438	487	663	802	764	358	406	757	351	405
Va	2,309	2,422	2,678	3,319	3,967	1,979	1,988	4,648	2,297	2,351
W. Va	1,464	1,729	1,902	2,006	1,860	915	945	1,744	845	900
N.C	2,559	3,170	3,572	4,062	4,556	2,247	2,309	5,082	2,488	2,594
S.C	1,684	1,739	1,900	2,117	2,383	1,176	1,207	2,591	1,272	1,318
Ga	2,896	2,909	3,124	3,445	3,943	1,926	2,017	4,590	2,231	2,359
Fla	968	1,468	1,897	2,771	4,952	2,437	2,515	6,789	3,276	3,514
E.S.C	**8,893**	**9,887**	**10,778**	**11,477**	**12,050**	**5,909**	**6,141**	**12,803**	**6,213**	**6,591**
Ky	2,417	2,615	2,846	2,945	3,038	1,508	1,530	3,219	1,579	1,640
Tenn	2,338	2,617	2,916	3,292	3,567	1,741	1,826	3,924	1,898	2,026
Ala	2,348	2,646	2,833	3,062	3,267	1,592	1,675	3,444	1,662	1,782
Miss	1,791	2,010	2,184	2,179	2,178	1,068	1,110	2,217	1,074	1,143
W.S.C	**10,242**	**12,177**	**13,065**	**14,538**	**16,951**	**8,364**	**8,587**	**19,321**	**9,431**	**9,889**
Ark	1,752	1,854	1,949	1,910	1,786	879	907	1,923	932	991
La	1,799	2,102	2,364	2,684	3,257	1,592	1,665	3,641	1,771	1,870
Okla	2,028	2,396	2,336	2,233	2,328	1,148	1,180	2,559	1,246	1,313
Texas	4,663	5,825	6,415	7,711	9,580	4,745	4,835	11,197	5,481	5,716
Mt	**3,336**	**3,702**	**4,150**	**5,075**	**6,855**	**3,449**	**3,406**	**8,282**	**4,102**	**4,180**
Mont	*549*	538	*559*	*591*	*675*	*344*	*331*	*694*	*347*	*347*
Idaho	432	445	525	589	667	338	329	713	356	357
Wyo	194	226	251	291	330	169	161	332	167	166
Colo	940	1,036	1,123	1,325	1,754	870	883	2,207	1,089	1,118
N. Mex	360	423	532	681	951	480	471	1,016	501	515
Ariz	334	436	499	750	1,302	655	647	1,771	871	900
Utah	449	508	550	689	891	445	446	1,059	523	536
Nev	77	91	110	160	285	148	138	489	248	241
Pac	**5,878**	**8,622**	**10,229**	**15,115**	**21,198**	**10,619**	**10,579**	**26,523**	**13,097**	**13,426**
Wash	1,357	1,563	1,736	2,379	2,853	1,435	1,418	3,409	1,694	1,715
Oreg	783	954	1,090	1,521	1,769	880	889	2,091	1,024	1,067
Calif	3,427	5,677	6,907	*10,586*	*15,717*	7,837	7,880	*19,953*	*9,817*	*10,136*
Alaska	55	[3]59	[3]73	129	226	129	97	300	163	137
Hawaii	256	368	423	500	633	338	295	769	399	369
P.R	1,300	1,544	1,869	2,211	2,350	1,163	1,187	2,712	1,330	1,382

X Not applicable. Z Less than .05 percent.
[1]For U.S., population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted.

AND DENSITY—STATES AND PUERTO RICO: 1920 TO 1970

years is that of present area of State, for area figures of States, see table 354. Minus sign (–) denotes decrease. For composition series A 172, for population by regions, and A 195-198 for population, sex, and density by States]

RANK				PERCENT CHANGE					POPULATION PER SQ. MILE OF LAND AREA[1]						DIVISION AND STATE OR OTHER AREA
1920	1940	1960	1970	1920–1930	1930–1940	1940–1950	1950–1960	1960–1970	1920	1930	1940	1950	1960	1970	
(x)	(x)	(x)	(x)	**16.2**	**7.3**	**14.5**	**18.5**	**13.3**	**29.9**	**34.7**	**37.2**	**42.6**	**50.6**	**[2]57.4**	**U.S.**
															Regions:
(x)	(x)	(x)	(x)	16.1	4.5	9.7	13.2	9.8	183.1	210.3	219.8	241.2	273.4	300.4	N. East.
(x)	(x)	(x)	(x)	13.4	4.0	10.8	16.1	9.6	45.0	51.1	53.1	58.8	68.6	75.2	N. Cen.
(x)	(x)	(x)	(x)	14.3	10.1	13.3	16.5	14.2	37.7	43.0	47.4	53.7	62.8	71.9	South.
(x)	(x)	(x)	(x)	33.7	16.7	40.4	38.9	24.1	5.3	7.0	8.2	11.5	16.0	19.9	West.
(x)	(x)	(x)	(x)	**10.3**	**3.3**	**10.4**	**12.8**	**12.7**	**119.4**	**129.2**	**133.5**	**147.5**	**166.8**	**188.1**	**N.E.**
35	35	36	38	3.8	6.2	7.9	6.1	2.4	25.7	25.7	27.3	29.4	31.3	32.1	Maine.
41	44	45	41	5.0	5.6	8.5	13.8	21.5	49.1	51.6	54.5	59.1	67.2	81.7	N.H.
44	46	47	48	2.0	–.1	5.2	3.2	14.0	38.6	38.8	38.7	40.7	42.0	47.9	Vt.
6	8	9	10	10.3	1.6	8.7	9.8	10.5	479.2	537.4	545.9	396.2	657.3	727.0	Mass.
38	36	39	39	13.7	3.8	11.0	8.5	10.1	566.4	649.8	674.2	748.5	819.3	902.5	R.I.
29	31	25	24	16.4	6.4	17.4	26.3	19.6	286.4	328.0	348.9	409.7	520.6	623.6	Conn.
(x)	(x)	(x)	(x)	**18.0**	**4.9**	**9.5**	**13.3**	**8.9**	**222.6**	**261.3**	**274.0**	**300.1**	**340.2**	**670.8**	**M.A.**
1	1	1	2	21.2	7.1	10.0	13.2	8.7	217.9	262.6	281.2	309.3	350.6	381.3	N.Y.
10	9	8	8	28.1	2.9	16.2	25.5	18.2	420.0	537.3	553.1	642.8	805.5	953.1	N.J.
2	2	3	3	10.5	2.8	6.0	7.8	4.2	194.5	213.8	219.8	233.1	251.4	262.3	Pa.
(x)	(x)	(x)	(x)	**17.8**	**5.3**	**14.2**	**19.2**	**11.1**	**87.5**	**103.2**	**108.7**	**124.1**	**148.2**	**164.9**	**E.N.C.**
4	4	5	6	15.4	3.9	15.0	22.1	9.7	141.4	161.6	168.0	193.8	236.6	260.0	Ohio.
11	12	11	11	10.5	5.8	14.8	18.5	11.4	81.3	89.4	94.7	108.7	128.8	143.9	Ind.
3	3	4	5	17.7	3.5	10.3	15.7	10.2	115.7	136.4	141.2	155.8	180.4	199.4	Ill.
7	7	7	7	32.0	8.5	21.2	22.8	13.4	63.8	84.9	92.2	111.7	137.7	156.2	Mich.
13	13	15	16	11.7	6.8	9.5	15.1	11.8	47.6	53.7	57.3	62.8	72.6	81.1	Wis.
(x)	(x)	(x)	(x)	**6.0**	**1.7**	**4.0**	**9.5**	**6.0**	**24.6**	**26.0**	**26.5**	**27.5**	**30.3**	**32.1**	**W.N.C.**
17	18	18	19	7.4	8.9	6.8	14.5	11.5	29.5	32.0	34.9	37.3	43.1	48.0	Minn.
16	20	24	25	2.8	2.7	3.3	5.2	2.4	43.2	44.1	45.3	46.8	49.2	50.5	Iowa.
9	10	13	13	6.6	4.3	4.5	9.2	8.3	49.5	52.4	54.6	57.1	62.6	67.8	Mo.
36	38	44	45	5.3	–5.7	–3.5	2.1	–2.3	9.2	9.7	9.2	8.8	9.1	8.9	N.Dak.
37	37	40	44	8.8	–7.2	1.5	4.3	–2.2	8.3	9.1	8.4	8.5	9.0	8.8	S.Dak.
31	32	34	35	6.3	–4.5	.7	6.5	5.1	16.9	18.0	17.2	17.3	18.4	19.4	Nebr.
24	29	28	28	6.3	–4.3	5.8	14.3	3.1	21.6	22.9	21.9	23.2	26.6	27.5	Kans.
(x)	(x)	(x)	(x)	**12.9**	**12.9**	**18.8**	**22.6**	**18.1**	**52.0**	**58.8**	**66.4**	**79.0**	**97.1**	**114.9**	**S.A.**
47	47	46	46	6.9	11.8	19.4	40.3	22.8	113.5	120.5	134.7	160.8	225.2	276.5	Del.
28	28	21	18	12.5	11.6	28.6	32.3	26.5	145.8	165.0	184.2	237.1	313.5	396.6	Md.
(x)	(x)	(x)	(x)	11.3	36.2	21.0	–4.8	–1.0	7,293	7,982	10,870	13,151	12,524	12,402	D.C.
20	19	14	14	4.9	10.6	23.9	19.5	17.2	57.4	60.7	67.1	83.2	99.6	116.9	Va.
27	25	30	34	18.1	10.0	5.4	–7.2	–6.2	60.9	71.8	79.0	83.3	77.2	72.5	W. Va.
14	11	12	12	23.9	12.7	13.7	12.2	11.5	52.5	64.5	72.7	82.7	93.2	104.1	N.C.
26	26	26	26	3.3	9.3	11.4	12.5	8.7	55.2	56.8	62.1	69.9	78.7	85.7	S.C.
12	14	16	15	.4	7.4	10.3	14.5	16.4	49.3	49.7	53.4	58.9	67.8	79.0	Ga.
32	27	10	9	51.6	29.2	46.1	78.7	37.1	17.7	27.1	35.0	51.1	91.5	125.5	Fla.
(x)	(x)	(x)	(x)	**11.2**	**9.0**	**6.5**	**5.0**	**6.3**	**49.5**	**54.8**	**59.7**	**63.8**	**67.2**	**71.5**	**E.S.C.**
15	16	22	23	8.2	8.8	3.5	3.2	5.9	60.2	65.2	70.9	73.9	76.2	81.2	Ky.
19	15	17	17	11.9	11.4	12.9	8.4	10.0	56.1	62.4	69.5	78.8	86.2	94.9	Tenn.
18	17	19	21	12.7	7.1	8.1	6.7	5.4	45.8	51.8	55.5	59.9	64.2	67.9	Ala.
23	23	29	29	12.2	8.7	–.2	(z)	1.8	36.6	42.4	46.1	46.1	46.0	46.9	Miss.
(x)	(x)	(x)	(x)	**18.9**	**7.3**	**11.3**	**16.6**	**14.0**	**23.8**	**28.3**	**30.3**	**33.8**	**39.5**	**45.2**	**W.S.C.**
25	24	31	32	5.8	5.1	–2.0	–6.5	7.7	33.4	35.2	37.0	36.3	34.2	37.0	Ark.
22	21	20	20	16.9	12.5	13.5	21.4	11.8	39.6	46.5	52.3	59.4	72.2	81.0	La.
21	22	27	27	18.1	–2.5	–4.4	4.3	9.9	29.2	34.6	33.7	32.4	33.8	37.2	Okla.
5	6	6	4	24.9	10.1	20.2	24.2	16.9	17.8	22.1	24.3	29.3	36.4	42.7	Texas.
(x)	(x)	(x)	(x)	**11.0**	**12.1**	**22.3**	**35.1**	**20.8**	**3.9**	**4.3**	**4.8**	**5.9**	**8.0**	**9.7**	**Mt.**
39	39	41	43	–2.1	4.1	5.6	14.2	2.9	3.8	3.7	3.8	4.1	4.6	4.8	Mont.
42	42	42	42	3.0	17.9	12.1	13.3	6.8	5.2	5.4	6.3	7.1	8.1	8.6	Idaho.
48	48	48	49	16.0	11.2	15.9	13.6	.7	2.0	2.3	2.6	3.0	3.4	3.4	Wyo.
33	33	33	30	10.2	8.4	18.0	32.4	25.8	9.1	10.0	10.8	12.8	16.9	21.3	Colo.
43	41	37	37	17.5	25.6	28.1	39.6	6.8	2.9	3.5	4.4	5.6	7.8	8.4	N. Mex.
45	43	35	33	30.3	14.6	50.1	73.7	36.0	2.9	3.8	4.4	6.6	11.5	15.6	Ariz.
40	40	38	36	13.0	8.4	25.2	29.3	18.9	5.5	6.2	6.7	8.4	10.8	12.9	Utah.
49	49	49	47	17.6	21.1	45.2	78.2	71.3	.7	.8	1.0	1.5	2.6	4.4	Nev.
(x)	(x)	(x)	(x)	**46.7**	**18.7**	**47.8**	**40.2**	**25.1**	**6.6**	**9.6**	**11.4**	**16.8**	**23.8**	**29.7**	**Pac.**
30	30	23	22	15.2	11.1	37.0	19.9	19.5	20.3	23.3	25.9	35.6	42.8	51.2	Wash.
34	34	32	31	21.8	14.2	39.6	16.3	18.2	8.2	9.9	11.3	15.8	18.4	21.7	Oreg.
8	5	2	1	65.7	21.7	53.3	48.5	27.0	22.0	36.2	44.1	67.5	100.4	127.6	Calif.
50	50	50	50	7.7	22.3	77.4	75.8	32.8	.1	[3]1	[3]1	.2	.4	[2]5	Alaska.
46	45	43	40	43.9	14.8	18.2	26.2	21.5	39.9	57.5	66.0	78.0	98.5	119.6	Hawaii.
(x)	(x)	(x)	(x)	18.8	21.1	18.3	6.3	15.4	379.7	451.0	546.1	645.8	686.4	792.8	P.R.

[2] Land area for Alaska corrected after 1970 final reports were issued.
[3] 1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

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

No. 10. Resident Population—States: 1950 to 1979

[Estimates as of July 1. Includes Armed Forces stationed in area. See p. 2 for basis of estimates. For explanation of methodology, see source. For enumerated population, 1920 to 1970, see table 9. Minus sign (–) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

Division and State	1960 (1,000)	1965 (1,000)	1970 (1,000)	1975 (1,000)	1977 (1,000)	1978 (1,000)	1979 pop., prel. Rank order	1979 pop., prel. Total (1,000)	1979 pop., prel. Per sq. mi. of land area [1]	Average annual percent change 1950–1960	1960–1970	1970–1979
U.S	[2] 179,979	[2] 193,526	[2] 203,806	213,051	216,400	218,228	(X)	220,099	62.2	1.7	1.3	1.0
N.E	10,532	11,329	11,883	12,151	12,225	12,267	(X)	12,291	195.2	1.2	1.2	.5
Maine	975	997	997	1,058	1,084	1,092	38	1,097	35.5	.6	.2	1.3
N.H	609	676	742	815	850	869	42	887	98.2	1.4	2.0	2.5
Vt	389	404	446	473	483	487	48	493	53.2	.3	1.4	1.4
Mass	5,160	5,502	5,706	5,778	5,768	5,771	10	5,769	737.2	1.0	1.0	.2
R.I	855	893	951	930	933	932	39	929	886.0	.8	1.1	.3
Conn	2,544	2,857	3,041	3,097	3,107	3,116	24	3,115	640.7	2.4	1.8	.3
M.A	34,270	36,122	37,274	37,183	36,966	36,825	(X)	36,711	365.9	1.3	.8	–.2
N.Y	16,838	17,734	18,268	18,041	17,869	17,746	2	17,648	369.0	1.3	.8	–.4
N.J	6,103	6,767	7,193	7,313	7,306	7,316	9	7,332	974.9	2.3	1.7	.3
Pa	11,329	11,620	11,813	11,829	11,791	11,763	4	11,731	260.9	.8	.4	–.1
E.N.C	36,291	38,406	40,313	40,910	41,097	41,221	(X)	41,287	169.1	1.7	1.1	.3
Ohio	9,734	10,201	10,664	10,727	10,715	10,732	6	10,731	261.9	2.0	.9	.1
Ind	4,674	4,922	5,202	5,312	5,352	5,387	12	5,400	149.6	1.7	1.1	.5
Ill	10,086	10,693	11,126	11,178	11,232	11,238	5	11,229	201.4	1.4	1.0	.1
Mich	7,834	8,357	8,890	9,092	9,138	9,181	7	9,207	162.1	2.0	1.3	.5
Wis	3,962	4,232	4,429	4,601	4,658	4,683	16	4,720	86.7	1.4	1.1	.9
W.N.C	15,424	15,819	16,360	16,743	16,956	17,036	(X)	17,118	33.7	.9	.6	.6
Minn	3,425	3,592	3,815	3,937	3,996	4,024	19	4,060	51.2	1.3	1.1	.8
Iowa	2,756	2,742	2,832	2,873	2,903	2,906	26	2,902	51.9	.5	.3	.3
Mo	4,326	4,467	4,678	4,779	4,823	4,847	15	4,867	70.5	.9	.8	.5
N. Dak	634	649	620	640	651	653	46	657	9.5	.2	–.2	.8
S. Dak	683	692	668	682	690	690	45	689	9.1	.4	–.2	.4
Nebr	1,417	1,471	1,488	1,546	1,561	1,569	35	1,574	20.6	.7	.5	.7
Kans	2,183	2,206	2,249	2,287	2,331	2,347	32	2,369	29.0	1.3	.3	.7
S.A	26,091	28,743	30,805	33,618	34,264	34,648	(X)	34,976	131.0	2.1	1.7	1.8
Del	449	507	551	579	582	584	47	582	293.7	3.4	2.1	.8
Md	3,113	3,600	3,938	4,115	4,138	4,148	18	4,148	419.4	2.8	2.4	.7
D.C	765	797	756	711	683	671	(X)	656	([3])	–.5	–.1	–1.7
Va	3,986	4,411	4,659	4,989	5,112	5,177	13	5,197	130.6	1.9	1.6	1.5
W. Va	1,853	1,786	1,751	1,803	1,859	1,861	34	1,878	78.0	–.8	–.6	1.0
N.C	4,573	4,863	5,098	5,429	5,521	5,571	11	5,606	114.9	1.2	1.1	1.3
S.C	2,392	2,494	2,597	2,813	2,868	2,902	25	2,932	97.0	1.2	.8	1.6
Ga	3,956	4,332	4,607	4,926	5,027	5,075	14	5,117	88.1	1.4	1.5	1.4
Fla	5,004	5,954	6,848	8,253	8,481	8,661	8	8,860	163.8	5.9	3.2	3.8
E.S.C	12,073	12,627	12,839	13,536	13,638	13,960	(X)	14,105	78.8	.5	.6	1.3
Ky	3,041	3,140	3,231	3,392	3,468	3,490	23	3,527	88.9	.4	.6	1.2
Tenn	3,575	3,798	3,937	4,180	4,289	4,333	17	4,380	106.0	.7	1.0	1.4
Ala	3,274	3,448	3,451	3,614	3,690	3,728	22	3,769	74.3	.5	.5	1.2
Miss	2,182	2,246	2,220	2,350	2,390	2,409	31	2,429	51.4	(Z)	.2	1.2
W.S.C	17,010	18,209	19,388	20,963	21,684	22,034	(X)	22,470	52.5	1.5	1.3	2.0
Ark	1,789	1,894	1,932	2,112	2,143	2,167	33	2,180	42.0	–.6	.8	1.7
La	3,260	3,496	3,652	3,829	3,935	3,978	20	4,018	89.4	1.9	1.1	1.3
Okla	2,336	2,440	2,567	2,726	2,805	2,843	27	2,892	42.0	.5	.9	1.6
Tex	9,624	10,378	11,236	12,293	12,801	13,047	3	13,380	51.0	2.2	1.6	2.4
Mt	6,916	7,740	8,348	9,630	10,087	10,364	(X)	10,673	12.5	3.1	1.9	3.6
Mont	679	706	698	747	768	780	43	786	5.4	1.4	.3	1.7
Idaho	671	686	716	815	859	882	41	905	10.9	1.3	.7	3.4
Wyo	331	332	334	377	407	425	49	450	4.6	1.3	(Z)	4.4
Colo	1,769	1,985	2,223	2,549	2,644	2,706	28	2,772	26.7	2.9	2.3	3.2
N. Mex	954	1,012	1,023	1,146	1,195	1,215	37	1,241	10.2	3.3	.7	2.8
Ariz	1,321	1,584	1,792	2,200	2,304	2,373	30	2,450	21.6	5.7	3.1	4.7
Utah	900	991	1,066	1,206	1,276	1,317	36	1,367	16.7	2.6	1.7	3.6
Nev	291	444	493	590	634	666	44	702	6.4	6.0	5.4	5.4
Pac	21,368	24,464	26,600	28,316	29,285	29,871	(X)	30,469	34.0	3.4	2.2	1.8
Wash	2,855	2,967	3,413	3,563	3,693	3,793	21	3,926	59.0	1.8	1.8	1.9
Oreg	1,772	1,937	2,101	2,290	2,390	2,452	29	2,527	26.3	1.5	1.7	2.6
Calif	15,870	18,585	20,007	21,216	21,900	22,314	1	22,694	145.1	4.0	2.3	1.7
Alaska	229	271	304	379	408	411	50	406	.7	5.4	2.9	4.3
Hawaii	642	704	774	868	893	902	40	915	142.4	2.6	1.9	2.4

X Not applicable. Z Less than .05 percent. [1] For area figures used to derive these data, see table 354. [2] U.S. total revised. State data revisions not available; therefore, detail will not add to total. [3] 10,747.2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 460, 799, and 876.

NO. 11. COMPONENTS OF POPULATION CHANGE—STATES: 1960–1970 AND 1970–1979

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

DIVISION AND STATE	APRIL 1, 1960 TO APRIL 1, 1970					APRIL 1, 1970 TO JULY 1, 1979				
	Net change		Births	Deaths	Net total migration[2]	Net change		Births	Deaths	Net total migration[2]
	Number	Percent[1]				Number	Percent[1]			
United States	**23,912**	**13.3**	**39,033**	**18,192**	**3,070**	**16,797**	**8.3**	**30,567**	**17,800**	**4,030**
New England	**1,338**	**12.7**	**2,169**	**1,147**	**316**	**444**	**3.7**	**1,484**	**1,042**	**2**
Maine	24	2.5	203	109	–69	103	10.4	149	98	52
New Hampshire	131	21.5	133	71	69	149	20.2	112	69	106
Vermont	55	14.1	85	45	15	49	10.9	66	40	22
Massachusetts	541	10.5	1,040	574	74	80	1.4	681	509	–92
Rhode Island	90	10.5	171	93	13	–20	–2.1	114	85	–49
Connecticut	497	19.6	537	255	214	83	2.7	361	242	–37
Middle Atlantic	**3,034**	**8.9**	**6,725**	**3,749**	**59**	**–502**	**–1.4**	**4,702**	**3,381**	**–1,823**
New York	1,458	8.7	3,361	1,852	–51	–593	–3.3	2,319	1,626	–1,287
New Jersey	1,101	18.2	1,259	645	488	161	2.2	909	617	–131
Pennsylvania	475	4.2	2,105	1,252	–378	–70	–0.6	1,473	1,138	–406
East North Central	**4,028**	**11.1**	**7,832**	**3,652**	**–153**	**1,025**	**2.5**	**5,948**	**3,418**	**–1,506**
Ohio	946	9.7	2,047	975	–126	73	0.7	1,546	908	–565
Indiana	531	11.4	1,023	475	–16	205	3.9	799	444	–150
Illinois	1,033	10.2	2,153	1,077	–43	119	1.1	1,647	986	–542
Michigan	1,052	13.4	1,754	729	27	325	3.7	1,331	705	–300
Wisconsin	466	11.8	856	395	4	302	6.8	625	375	52
West North Central	**930**	**6.0**	**3,133**	**1,604**	**–599**	**791**	**4.8**	**2,370**	**1,488**	**–91**
Minnesota	391	11.5	744	327	–26	254	6.7	546	309	16
Iowa	68	2.4	541	291	–183	77	2.7	397	263	–56
Missouri	358	8.3	857	502	2	190	4.1	670	465	–16
North Dakota	–15	–2.3	135	55	–94	39	6.3	98	51	–8
South Dakota	–14	–2.1	146	65	–94	23	3.4	107	61	–23
Nebraska	72	5.1	291	146	–73	89	6.0	226	137	–
Kansas	70	3.2	419	218	–130	120	5.3	326	202	–4
South Atlantic	**4,700**	**18.1**	**5,965**	**2,598**	**1,332**	**4,297**	**14.0**	**4,739**	**2,820**	**2,378**
Delaware	102	22.8	109	45	38	34	6.2	81	45	–2
Maryland	822	26.5	740	303	385	225	5.7	522	303	5
District of Columbia	–7	–1.0	182	89	–100	–101	–13.4	102	71	–131
Virginia	682	17.2	909	369	141	545	11.7	687	372	230
West Virginia	–116	–6.2	339	190	–265	133	7.7	268	182	47
North Carolina	526	11.5	1,032	412	–94	522	10.3	800	429	151
South Carolina	208	8.7	573	216	–149	341	13.2	459	221	103
Georgia	646	16.4	975	379	51	529	11.5	795	393	128
Florida	1,838	37.1	1,107	596	1,326	2,068	30.5	1,024	804	1,848
East South Central	**754**	**6.3**	**2,665**	**1,213**	**–698**	**1,297**	**10.1**	**2,124**	**1,202**	**375**
Kentucky	181	6.0	647	313	–153	306	9.5	523	308	91
Tennessee	357	10.0	755	353	–45	454	11.6	612	360	202
Alabama	177	5.4	729	319	–233	325	9.4	567	318	75
Mississippi	39	1.8	534	228	–267	212	9.6	421	216	7
West South Central	**2,371**	**14.0**	**4,012**	**1,599**	**–42**	**3,144**	**16.3**	**3,441**	**1,688**	**1,392**
Arkansas	137	7.7	401	193	–71	257	13.4	321	200	136
Louisiana	386	11.9	832	316	–130	373	10.2	656	317	34
Oklahoma	231	9.9	461	244	13	332	13.0	406	250	177
Texas	1,617	16.9	2,318	847	146	2,182	19.5	2,058	921	1,045
Mountain	**1,429**	**20.8**	**1,724**	**602**	**307**	**2,383**	**28.7**	**1,669**	**657**	**1,372**
Montana	20	2.9	144	66	–58	92	13.2	115	62	38
Idaho	46	6.9	146	58	–42	192	26.9	151	60	100
Wyoming	2	.7	70	28	–39	117	35.3	65	28	81
Colorado	453	25.8	401	163	215	563	25.5	379	166	350
New Mexico	65	6.8	263	68	–130	224	22.1	204	74	94
Arizona	470	36.1	365	122	228	675	38.0	368	157	464
Utah	169	18.9	245	65	–11	308	29.1	297	69	80
Nevada	203	71.3	91	31	144	213	43.6	89	41	165
Pacific	**5,328**	**25.1**	**4,808**	**2,028**	**2,547**	**3,920**	**14.8**	**4,092**	**2,103**	**1,931**
Washington	556	19.5	591	284	249	513	15.0	497	279	295
Oregon	323	18.2	346	182	159	436	20.8	319	189	305
California	4,236	27.0	3,634	1,511	2,113	2,723	13.6	3,057	1,581	1,248
Alaska	76	33.6	73	13	16	104	34.3	71	14	47
Hawaii	137	21.7	164	37	11	145	18.8	149	40	36

– Represents zero or rounds to zero.

[1] 1960 to 1970 based on 1960 population; 1970 to 1979 based on 1970 population.

[2] Comprises both net immigration from abroad and net interdivisional or interstate migration according to the area shown. Includes movements of persons in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–25, Nos. 460 and 876.

NO. 12. POPULATION PROJECTIONS—STATES: 1985 TO 2000

In thousands. As of **July 1.** National population projections based on revised gross migration data for the 1965–1970 period and postcensal estimates of net migration through 1975. Series II assumes that cohort fertility will approach 2.1 births per woman. Letters represent various interstate migration assumptions: A assumes that the 1965 to 1975 migration patterns will continue; B assumes that the 1970 to 1975 migration patterns will continue; and C assumes no interstate migration after 1975. For further description of series assumptions, see table 34]

DIVISION AND STATE	SERIES II-A			SERIES II-B			SERIES II-C		
	1985	1990	2000	1985	1990	2000	1985	1990	2000
United States	**232,371**	**243,004**	**259,869**	**232,371**	**243,004**	**259,869**	**232,371**	**243,004**	**259,869**
New England	**13,141**	**13,703**	**14,615**	**13,070**	**13,600**	**14,449**	**13,246**	**13,867**	**14,855**
Maine	1,143	1,192	1,273	1,196	1,273	1,405	1,140	1,191	1,274
New Hampshire	939	1,007	1,121	935	1,002	1,113	881	923	991
Vermont	528	560	614	517	543	586	513	538	578
Massachusetts	6,186	6,415	6,787	6,209	6,450	6,842	6,312	6,606	7,073
Rhode Island	1,000	1,040	1,107	1,003	1,045	1,117	1,014	1,061	1,141
Connecticut	3,345	3,489	3,713	3,210	3,287	3,386	3,386	3,548	3,798
Middle Atlantic	**38,338**	**39,144**	**40,239**	**37,700**	**38,196**	**38,703**	**40,326**	**42,084**	**44,912**
New York	18,288	18,528	18,816	17,927	17,995	17,961	19,902	20,938	22,727
New Jersey	7,964	8,344	8,958	7,741	8,010	8,425	7,962	8,326	8,901
Pennsylvania	12,086	12,272	12,465	12,032	12,191	12,317	12,462	12,820	13,284
East North Central	**43,371**	**44,847**	**47,005**	**42,314**	**43,260**	**44,398**	**44,669**	**46,747**	**49,951**
Ohio	11,251	11,570	11,999	10,861	10,988	11,051	11,644	12,144	12,895
Indiana	5,621	5,804	6,069	5,481	5,595	5,731	5,778	6,038	6,441
Illinois	11,688	12,015	12,491	11,454	11,665	11,923	12,246	12,833	13,777
Michigan	9,866	10,302	10,970	9,546	9,814	10,148	10,049	10,562	11,356
Wisconsin	4,945	5,156	5,476	4,972	5,198	5,545	4,952	5,170	5,482
West North Central	**17,495**	**18,016**	**18,782**	**17,550**	**18,101**	**18,909**	**17,903**	**18,620**	**19,661**
Minnesota	4,209	4,382	4,637	4,179	4,338	4,561	4,253	4,448	4,732
Iowa	2,930	2,988	3,058	2,957	3,031	3,131	3,047	3,165	3,329
Missouri	5,051	5,226	5,506	4,985	5,129	5,346	5,055	5,223	5,469
North Dakota	631	633	631	675	698	732	699	736	791
South Dakota	676	679	679	707	724	748	743	781	839
Nebraska	1,628	1,679	1,755	1,665	1,738	1,851	1,667	1,739	1,848
Kansas	2,370	2,429	2,516	2,380	2,443	2,540	2,439	2,523	2,653
South Atlantic	**38,648**	**41,182**	**45,400**	**39,675**	**42,727**	**47,949**	**36,269**	**37,622**	**39,656**
Delaware	648	684	742	626	651	689	630	658	697
Maryland	4,721	5,048	5,612	4,637	4,928	5,436	4,489	4,683	4,964
District of Columbia	694	693	697	667	651	627	781	812	861
Virginia	5,585	5,899	6,414	5,730	6,117	6,768	5,433	5,664	6,008
West Virginia	1,837	1,869	1,912	1,907	1,973	2,076	1,908	1,971	2,071
North Carolina	6,026	6,332	6,830	6,185	6,573	7,226	5,883	6,102	6,426
South Carolina	3,164	3,346	3,644	3,261	3,494	3,893	3,097	3,241	3,472
Georgia	5,638	6,006	6,625	5,721	6,133	6,840	5,412	5,654	6,047
Florida	10,335	11,305	12,924	10,941	12,207	14,394	8,636	8,837	9,120
East South Central	**14,512**	**15,063**	**15,918**	**14,822**	**15,526**	**16,661**	**14,606**	**15,193**	**16,124**
Kentucky	3,647	3,796	4,032	3,751	3,953	4,290	3,652	3,799	4,035
Tennessee	4,552	4,755	5,085	4,592	4,816	5,183	4,463	4,612	4,827
Alabama	3,842	3,967	4,148	3,958	4,140	4,425	3,912	4,069	4,314
Mississippi	2,471	2,545	2,653	2,521	2,617	2,763	2,579	2,713	2,948
West South Central	**23,437**	**24,791**	**27,017**	**23,742**	**25,254**	**27,792**	**23,043**	**24,196**	**26,107**
Arkansas	2,292	2,390	2,545	2,353	2,479	2,690	2,256	2,336	2,463
Louisiana	4,090	4,245	4,471	4,096	4,255	4,486	4,201	4,417	4,768
Oklahoma	2,976	3,116	3,347	3,016	3,178	3,449	2,906	3,007	3,162
Texas	14,079	15,040	16,654	14,277	15,342	17,167	13,680	14,436	15,714
Mountain	**11,274**	**12,075**	**13,351**	**11,857**	**12,936**	**14,732**	**10,841**	**11,501**	**12,602**
Montana	793	821	862	843	894	977	817	859	921
Idaho	926	982	1,069	979	1,061	1,195	913	968	1,060
Wyoming	408	425	450	442	474	527	415	437	471
Colorado	3,007	3,237	3,615	3,123	3,409	3,892	2,818	2,962	3,183
New Mexico	1,262	1,322	1,409	1,361	1,466	1,636	1,305	1,395	1,545
Arizona	2,771	3,031	3,452	2,926	3,261	3,822	2,490	2,643	2,913
Utah	1,398	1,493	1,643	1,449	1,571	1,775	1,435	1,557	1,780
Nevada	709	764	851	734	800	908	648	680	729
Pacific	**32,157**	**34,184**	**37,539**	**31,641**	**33,405**	**36,277**	**31,467**	**33,172**	**35,991**
Washington	4,047	4,312	4,759	3,792	3,936	4,161	3,869	4,042	4,310
Oregon	2,610	2,781	3,066	2,610	2,781	3,070	2,446	2,533	2,655
California	24,081	25,588	28,083	23,767	25,111	27,309	23,678	24,994	27,192
Alaska	419	441	474	455	491	544	433	470	534
Hawaii	1,000	1,062	1,157	1,017	1,086	1,193	1,041	1,133	1,300

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 796.

No. 13. U.S. Resident Population, by Region and Division: 1950 to 1979

[1950–1970 as of Apr. 1; 1975 and 1979 as of July 1, 1979, are preliminary. For composition of regions, see fig. 1, inside front cover]

Region and division	Population (millions)					Percent distribution				
	1950	1960	1970	1975	1979	1950	1960	1970	1975	1979
United States	**151**	**179**	**203**	**213**	**220**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	39	45	49	49	49	26.1	24.9	24.1	23.2	22.3
New England	9	11	12	12	12	6.2	5.9	5.8	5.7	5.6
Middle Atlantic	30	34	37	37	37	19.9	19.1	18.3	17.5	16.7
North Central	44	52	57	58	58	29.4	28.8	27.8	27.1	26.5
East No. Central	30	36	40	41	41	20.1	20.2	19.8	19.2	18.8
West No. Central	14	15	16	17	17	9.3	8.6	8.0	7.8	7.8
South	47	55	63	68	72	31.2	30.7	30.9	32.0	32.5
South Atlantic	21	26	31	34	35	14.0	14.5	15.1	15.8	15.9
East So. Central	11	12	13	14	14	7.6	6.7	6.3	6.4	6.4
West So. Central	15	17	19	21	22	9.6	9.5	9.5	9.8	10.2
West	20	28	35	38	41	13.3	15.6	17.1	17.8	18.7
Mountain	5	7	8	10	11	3.4	3.8	4.1	4.5	4.8
Pacific	15	21	27	28	30	10.0	11.8	13.1	13.3	13.8

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 875, and earlier issues.

No. 14. Interregional Migration, by Race: 1970 to 1978

[**In thousands.** Minus sign (—) denotes decrease. For composition of regions, see fig. 1, inside front cover]

Race and migration status	1970–1974				1975–1978			
	North-east	North Central	South	West	North-east	North Central	South	West
All races:								
Immigrants	1,035	1,800	3,377	2,141	876	1,484	2,881	1,900
Outmigrants	1,993	2,512	2,312	1,536	1,575	2,171	1,872	1,524
Net migration	−958	−712	1,065	605	−699	−687	1,009	376
White:								
Immigrants	930	1,692	3,055	1,913	792	1,308	2,573	1,669
Outmigrants	1,799	2,284	2,041	1,466	1,352	1,964	1,604	1,412
Net migration	−869	−592	1,014	447	−570	−656	969	257
Black:								
Immigrants	88	96	276	172	61	154	270	180
Outmigrants	143	199	241	49	177	161	244	85
Net migration	−55	−103	35	123	−116	−7	26	95

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 320 and 331.

No. 15. U.S. Population Living Abroad: 1968 to 1979

[**In thousands.** As of **June 30,** except as noted. Based on reports from U.S. consulates and data from the Dept. of Defense and Office of Personnel Management]

Item and area	1968	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total [1]	**2,513**	**2,454**	**2,172**	**2,189**	**2,098**	**2,196**	**2,166**	**2,293**	**2,406**	**2,489**
Private citizens	[2] 812	966	1,142	1,193	1,156	1,248	1,305	1,410	1,523	1,559
Federal civilian employees	55	40	32	34	39	39	38	46	45	44
Military forces [3]	1,241	1,071	628	585	519	517	464	483	494	481
Civilian and military dependents	405	377	370	377	384	392	359	354	344	405
Canada	171	237	273	281	239	243	280	265	269	257
Mexico	79	90	99	105	106	129	131	163	213	208
Europe	534	550	639	683	683	727	712	768	792	869
United Kingdom	68	72	100	107	102	100	109	125	137	136
Italy	65	70	81	84	89	121	91	99	105	110
Germany, F.R.	218	205	227	236	246	248	247	259	254	321
Middle East	40	42	74	81	88	105	108	136	155	140
Iran	8	6	9	10	12	19	23	42	54	[4] 27
Other	448	465	458	454	463	474	471	478	484	533

[1] Population by area excludes military forces. [2] Includes members of the Peace Corps.
[3] Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual. Beginning 1977, as of Sept. 30. Data are unclassified approximations. [4] As of Dec. 31, 1978.

Source: Except as noted, U.S. Dept. of State, unpublished data.

No. 16. Mobility of the Population, by States: 1970 and 1976

[1970, resident population as of **April 1**; **1976**, civilian noninstitutional population as of **spring**. Based on 1976 Survey of Income and Education; see Appendix III. See also table 30]

Division and State	Population 5 yr. old and over		Population 14 yr. old and over [2]			
	Number, 1970 (1,000)	Percent movers, 1965–70 [1]	Number, 1976 (1,000)	Percent residing in State, 1976		
				Less than 1 yr.	5 yr. or less	Entire life
U.S	**186,095**	**47.0**	**161,718**	**2.7**	**11.7**	**55.9**
N.E	**10,858**	**41.9**	**9,284**	**2.3**	**10.9**	**59.5**
Maine	909	41.7	804	3.1	13.1	62.3
N.H	672	45.0	619	4.8	18.8	43.0
Vt	405	45.1	356	3.4	15.0	54.8
Mass	5,220	40.9	4,428	1.5	9.2	65.7
R.I	873	42.6	704	2.5	9.9	62.2
Conn	2,779	42.5	2,371	2.4	11.0	51.2
M.A	**34,199**	**39.4**	**28,541**	**1.4**	**6.8**	**64.3**
N.Y	16,751	40.4	13,933	1.2	5.9	62.4
N.J	6,581	42.4	5,575	1.8	10.4	51.8
Pa	10,868	36.3	9,032	1.4	6.0	74.9
E.N.C	**36,752**	**45.1**	**30,722**	**1.5**	**6.8**	**63.5**
Ohio	9,732	45.2	7,992	1.2	5.8	63.8
Ind	4,738	46.2	3,979	2.0	8.6	61.3
Ill	10,175	46.0	8,358	1.6	7.6	61.1
Mich	8,071	44.7	6,872	1.3	5.5	64.9
Wis	4,036	42.2	3,519	1.7	7.5	68.7
W.N.C	**14,982**	**45.6**	**12,640**	**2.4**	**10.1**	**62.7**
Minn	3,473	43.2	2,962	2.0	9.2	64.2
Iowa	2,591	42.9	2,165	2.0	8.7	67.4
Mo	4,306	47.9	3,629	2.1	9.4	62.2
N. Dak	566	43.6	471	3.3	12.4	64.8
S. Dak	611	42.9	514	3.1	10.1	63.7
Nebr	1,362	46.1	1,163	3.5	13.0	60.6
Kans	2,072	48.9	1,732	3.3	12.4	55.6
S.A	**28,105**	**49.7**	**25,908**	**3.7**	**16.6**	**49.8**
Del	500	46.0	434	3.5	16.4	43.0
Md	3,579	48.5	3,077	3.3	15.1	45.7
D.C	697	52.7	540	4.8	18.8	32.4
Va	4,258	49.7	3,771	4.7	17.9	52.0
S.A.—Con.						
W. Va	1,607	39.6	1,401	1.8	9.3	70.6
N.C	4,648	46.2	4,107	2.3	9.2	70.3
S.C	2,357	45.3	2,108	3.2	10.9	69.0
Ga	4,170	51.4	3,700	3.1	12.7	62.9
Fla	6,290	*55.9*	*6,766*	*5.0*	*26.3*	*22.3*
E.S.C	**11,702**	**46.2**	**10,216**	**2.7**	**10.5**	**68.5**
Ky	2,949	46.4	2,565	2.8	8.7	71.8
Tenn	3,600	47.4	3,199	2.7	11.4	64.4
Ala	3,145	45.5	2,734	2.9	11.1	69.8
Miss	2,008	44.6	1,716	2.2	10.6	69.1
W.S.C	**17,620**	**50.6**	**15,685**	**3.6**	**13.7**	**59.7**
Ark	1,766	49.4	1,859	3.8	14.8	53.5
La	3,295	44.2	2,776	2.7	10.1	70.7
Okla	2,362	52.3	2,054	4.1	14.4	52.2
Tex	10,197	52.5	9,194	3.7	14.4	59.1
Mt	**7,536**	**54.3**	**7,265**	*6.3*	*24.8*	*33.4*
Mont	637	49.6	569	4.4	15.2	47.3
Idaho	649	51.3	609	6.6	20.9	36.9
Wyo	304	51.9	285	6.6	23.0	33.9
Colo	2,021	57.1	1,936	5.9	25.1	31.1
N. Mex	919	50.3	851	6.0	20.4	43.8
Ariz	1,612	58.7	1,700	7.5	32.5	20.9
Utah	948	46.1	856	4.9	17.6	52.5
Nev	445	63.8	456	9.0	35.3	13.1
Pac	**24,341**	**56.3**	**21,453**	**3.6**	**14.9**	**34.2**
Wash	3,129	55.0	2,653	4.4	16.5	36.8
Oreg	1,928	55.3	1,757	5.4	19.0	32.0
Calif	18,318	56.5	16,163	3.1	13.6	33.3
Alaska	268	73.1	244	10.5	41.0	20.9
Hawaii	698	54.1	633	5.7	20.8	55.0

[1] *Comprises all persons in 1970 not living in the same house as in 1965.*
[2] Residing in State of current residence. Excludes persons with duration of residence in State not reported.

Source: U.S. Bureau of the Census, *Census of Population, 1970,* PC(2)-2B, *Mobility for States and the Nation,* and *Current Population Reports,* series P-20, No. 334.

No. 17. Urban and Rural Population, by Size of Place: 1950 to 1970

[Includes both incorporated and unincorporated places of 2,500 or more and unincorporated territory included in urbanized areas. See text, pp. 2 and 3, and *Historical Statistics, Colonial Times to 1970,* series A 43–72]

Class and size	Places			Population (1,000)			Percent of total population		
	1950	1960	1970	1950	1960	1970	1950	1960	1970
United States	(X)	(X)	(X)	**151,326**	**179,323**	**[1] 203,212**	**100.0**	**100.0**	**100.0**
Urban	4,764	6,041	7,062	96,847	125,269	149,325	64.0	69.9	73.5
Places of 1,000,000 or more	5	5	6	17,404	17,484	18,769	11.5	9.8	9.2
Places of 500,000–1,000,000	13	16	20	9,187	11,111	12,987	6.1	6.2	6.4
Places of 250,000–500,000	23	30	30	8,242	10,766	10,442	5.4	6.0	5.1
Places of 100,000–250,000	66	81	100	9,727	11,652	14,286	6.4	6.5	7.0
Places of 50,000–100,000	126	201	240	8,931	13,836	16,724	5.9	7.7	8.2
Places of 25,000–50,000	253	432	520	8,835	14,951	17,848	5.8	8.3	8.8
Places of 10,000–25,000	779	1,134	1,385	11,878	17,568	21,415	7.8	9.8	10.5
Places of 5,000–10,000	1,184	1,394	1,839	8,193	9,780	12,924	5.4	5.5	6.4
Places of 2,500–5,000	*1,858*	*2,152*	2,295	6,529	*7,580*	*8,038*	*4.3*	*4.2*	*4.0*
Places under 2,500	457	596	627	578	690	727	.4	.4	.4
Unincorporated parts of urbanized areas	(X)	(X)	(X)	7,344	9,851	15,186	4.9	5.5	7.5
Rural	13,851	13,749	13,706	54,479	54,054	53,887	36.0	30.1	26.5
Places of 1,000–2,500	4,186	4,151	4,191	*6,515*	*6,497*	*6,656*	*4.3*	*3.6*	*3.3*
Places under 1,000	9,665	9,598	9,515	4,037	3,894	3,852	2.7	2.2	1.9
Other rural	(X)	(X)	(X)	43,927	43,664	43,379	29.0	24.3	21.3

X Not applicable. [1] See footnote 3, table 1.

Source of tables 16 and 17: U.S. Bureau of the Census, *U.S. Census of Population: 1960* and *1970,* vol. I.

No. 18. Urban and Rural Population, by Race: 1960 and 1970

[In thousands, except percent. An urbanized area comprises at least one city of 50,000 inhabitants (central city) plus contiguous, closely settled areas (urban fringe). For urban and rural definitions, see text, pp. 2 and 3. See also *Historical Statistics, Colonial Times to 1970*, series A 73-90]

YEAR AND AREA	Total	White	BLACK AND OTHER RACES		PERCENT DISTRIBUTION			
			Total	Black	Total	White	Black and other	
							Total	Black
1960, total population	**179,323**	**158,832**	**20,491**	**18,872**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	125,269	110,428	14,840	13,808	69.9	69.5	72.4	73.2
Inside urbanized areas	95,846	83,770	12,079	11,258	53.5	52.7	58.9	59.7
Central cities	57,975	47,627	10,348	9,702	32.3	30.0	50.5	51.4
Urban fringe	37,873	36,143	1,731	1,555	21.1	22.8	8.4	8.2
Outside urbanized areas	29,420	26,658	2,762	2,550	16.4	16.8	13.5	13.5
Rural	54,054	48,403	5,651	5,064	30.1	30.5	27.6	26.8
1970, total population	**[1] 203,212**	**177,749**	**25,463**	**22,580**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	149,325	128,773	20,552	18,367	73.5	72.4	80.7	81.3
Inside urbanized areas	118,447	100,952	17,495	15,693	58.3	56.8	68.7	69.5
Central cities	63,922	49,547	14,375	13,145	31.5	27.9	56.5	58.2
Urban fringe	54,525	51,405	3,120	2,548	26.8	28.9	12.3	11.3
Outside urbanized areas	30,878	27,822	3,057	2,675	15.2	15.7	12.0	11.8
Rural	53,887	48,976	4,911	4,213	26.5	27.6	19.3	18.7

[1] See footnote 3, table 1.

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

No. 19. Land Area, Population, and Density of Urban and Rural Territory, by Metropolitan and Nonmetropolitan Status: 1960 and 1970

[Areas as defined for the 1960 and 1970 censuses, respectively. Changes in land area between the censuses reflect (a) changes in the extent of urban territory and of standard metropolitan statistical areas (SMSA's) and (b) alterations resulting from remeasurement of land areas, including changes in the extent of inland water area]

RESIDENCE	1960 (212 SMSA's)					1970 (243 SMSA's)				
	Land area		Population			Land area		Population		
	Total (sq. mi.)	Percent of U.S.	Total (1,000)	Percent of U.S.	Per sq. mi.	Total (sq. mi.)	Percent of U.S.	Total (1,000)	Percent of U.S.	Per sq. mi.
Total	**[1] 3,548,974**	**100.0**	**179,323**	**100.0**	**51**	**[2] 3,540,023**	**100.0**	**203,212**	**100.0**	**57**
Urban	40,238	1.1	125,269	69.9	3,113	54,103	1.5	149,325	73.5	2,760
In urbanized areas	[2] 25,544	.7	[3] 95,846	53.4	3,752	35,081	1.0	118,447	58.3	3,376
Other urban	14,694	.4	29,420	16.4	2,002	19,022	.5	30,878	15.2	1,623
Rural	3,508,736	98.9	54,054	30.1	15	[2] 3,485,920	98.5	53,887	26.5	15
Inside SMSA's	310,233	8.7	112,885	63.0	364	[2] 387,594	10.9	139,419	68.6	360
Urban	(NA)	(NA)	99,563	55.5	(NA)	(NA)	(NA)	123,007	60.5	(NA)
Rural	(NA)	(NA)	13,323	7.4	(NA)	(NA)	(NA)	16,412	8.1	(NA)
Outside SMSA's	3,238,741	91.3	66,438	37.0	21	[2] 3,152,429	89.1	63,793	31.4	20
Urban	(NA)	(NA)	25,706	14.3	(NA)	(NA)	(NA)	26,318	13.0	(NA)
Rural	(NA)	(NA)	40,732	22.7	(NA)	(NA)	(NA)	37,475	18.4	(NA)

NA Not available. [1] Revised since 1960 census as a result of area remeasurement to 3,540,911 for total U.S. and to 24,979 for total inside urbanized areas; revisions not reflected in other territorial categories.
[2] Revised since publication of 1970 census reports. [3] Revised to 95,834,251 since publication of 1960 census.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, parts A and B.

No. 20. Metropolitan and Nonmetropolitan Area Population, Current SMSA Definitions: 1940 to 1978

[Metropolitan area definition as of year shown, except as noted; see Appendix II. SMSA = standard metropolitan statistical area. See also text, p. 2. Data are for total resident population]

ITEM	1940 [1]	1950	1960	1970	1975	1977	1978
Metropolitan areas: Number of SMSA's	168	168	209	243	272	279	284
Population (1,000)	69,535	84,854	112,885	139,419	155,021	157,968	159,514
Percent change over previous year shown	(x)	22.0	33.6	23.5	11.2	1.9	1.0
Percent of total U.S. population	52.8	56.1	63.0	68.6	72.7	73.0	73.1
Land area, percent of U.S. land area	7.0	7.0	8.7	11.0	13.9	14.6	(NA)
Nonmetropolitan areas, population (1,000)	62,135	66,472	66,438	63,793	58,153	58,570	58,750

NA Not available. X Not applicable. [1] 1950 metropolitan area definition.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940; 1950; 1960;* and *1970;* and *Current Population Reports*, series P-25, Nos. 810 and 873, and unpublished data.

No. 21. Population, by Metro.-Nonmetro. Residence and Race: 1950 to 1979

[**In millions, except percent.** Covers 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications. Data for 1950–1970 as of April. Data for 1979 are five-quarter annual averages centered on April from the Current Population Survey; see text, pp. 1–3. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 276–287]

Residence and race	Total resident population							Noninstitutional population		
	1950	1960		1970		Average annual percent change [1]		1970, adjusted [2]	1979	Average annual percent change, [1] 1970–1979 [2]
		Total	Percent	Total	Percent	1950–1960	1960–1970			
All races	**151.3**	**179.3**	**100.0**	**[3]203.2**	**100.0**	**1.7**	**1.3**	**199.8**	**215.3**	**.8**
SMSA's, total	94.6	119.6	66.7	139.4	68.7	2.3	1.5	137.1	145.4	.7
Central cities	53.7	59.9	33.4	63.8	31.6	1.1	.6	62.9	60.6	–.4
Outside central cities	40.9	59.6	33.3	75.6	37.0	3.8	2.4	74.2	84.8	1.5
Nonmetropolitan areas	56.7	59.7	33.3	63.8	31.4	.5	.7	62.8	69.9	1.2
White	**135.2**	**158.8**	**100.0**	**177.7**	**100.0**	**1.6**	**1.1**	**175.3**	**186.1**	**.7**
SMSA's	85.1	105.8	66.7	120.6	67.8	2.1	1.3	118.9	123.1	.4
Central cities	46.8	49.4	31.1	49.4	27.8	.6	(z)	48.9	44.8	–1.0
Outside central cities	38.3	56.4	35.5	71.1	40.0	3.8	2.3	70.0	78.3	1.2
Nonmetropolitan areas	50.1	53.0	33.4	57.2	32.2	.7	.8	56.3	63.0	1.2
Black	**15.0**	**18.9**	**100.0**	**22.6**	**100.0**	**2.3**	**1.8**	**22.1**	**25.1**	**1.4**
SMSA's	8.9	12.7	67.5	16.8	74.3	3.6	2.7	16.3	19.1	1.7
Central cities	6.6	9.9	52.3	13.1	58.2	4.1	2.9	12.9	14.1	1.0
Outside central cities	2.2	2.9	15.2	3.6	16.1	2.1	2.4	3.4	5.0	4.1
Nonmetropolitan areas	6.1	6.1	32.5	5.8	25.7	–.1	–.5	5.7	6.0	.5

Z Less than .05 percent. [1] For explanation of average annual percent change, see Guide to Tabular Presentation. [2] 1970 census data adjusted to exclude inmates of institutions and members of the Armed Forces living in barracks and similar types of quarters for comparability with 1979 data from Current Population Survey.
[3] See footnote 3, table 1. Totals include corrections and some annexations that are not included in data by race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960* and *1970*, vol. I; and *Current Population Reports*, series P-20, No. 350.

No. 22. Mobility Status of the Population, by Race and Spanish Origin, and by Region: 1975–1979

[**For persons 3 years old and over.** Based on Current Population Survey; see source for sampling variability. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 3. Persons of Spanish origin may be of any race. Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications; see Appendix II. For composition of regions, see fig. I, inside front cover]

Residence in 1979 compared with residence in 1975	Total	White	Black	Spanish origin	North-east	North Central	South	West
NUMBER (1,000)								
Total	**203,437**	**176,374**	**23,140**	**10,832**	**46,236**	**53,921**	**65,894**	**37,386**
Same housing units (nonmovers)	118,598	103,531	13,448	5,141	31,150	32,309	37,337	17,802
Central cities of SMSA's	31,789	23,842	7,378	2,441	9,351	8,019	9,113	5,308
Balance of SMSA's	47,596	44,414	2,555	1,813	15,278	13,014	10,836	8,468
Outside SMSA's	39,212	35,275	3,515	887	6,521	11,277	17,388	4,027
Different housing units in the U.S.	81,824	70,647	9,537	4,897	14,515	21,137	27,610	18,562
Within same SMSA	37,791	30,957	5,967	3,212	8,275	10,400	10,230	8,885
Between SMSA's	12,803	11,248	1,280	766	2,295	2,079	4,097	4,332
From outside SMSA's to SMSA's	5,171	4,687	388	139	636	1,428	1,865	1,242
From SMSA's to outside SMSA's	6,691	6,254	337	214	915	1,667	3,013	1,097
Outside SMSA's at both dates	19,367	17,501	1,564	567	2,393	5,563	8,405	3,006
Movers from abroad	3,016	2,196	155	794	572	475	947	1,021
PERCENT DISTRIBUTION								
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Same housing units (nonmovers)	58.3	58.7	58.1	47.5	67.4	59.9	56.7	47.6
Central cities of SMSA's	15.6	13.5	31.9	22.5	20.2	14.9	13.8	14.2
Balance of SMSA's	23.4	25.2	11.0	16.7	33.0	24.1	16.4	22.7
Outside SMSA's	19.3	20.0	15.2	8.2	14.1	20.9	26.4	10.8
Different housing units in the U.S.	40.2	40.1	41.2	45.2	31.4	39.2	41.9	49.6
Within same SMSA	18.6	17.6	25.8	29.7	17.9	19.3	15.5	23.8
Between SMSA's	6.3	6.4	5.5	7.1	5.0	3.9	6.2	11.6
From outside SMSA's to SMSA's	2.5	2.7	1.7	1.3	1.4	2.6	2.8	3.3
From SMSA's to outside SMSA's	3.3	3.5	1.5	2.0	2.0	3.1	4.6	2.9
Outside SMSA's at both dates	9.5	9.9	6.8	5.2	5.2	10.3	12.8	8.0
Movers from abroad	1.5	1.2	.7	7.3	1.2	.9	1.4	2.7

Source: U.S. Bureau of the Census, *Current Population Reports, series* P-20, No. 353.

No. 23. Population and Average Annual Change in Regions, by Metropolitan Area Status: 1960 to 1977

[**In thousands.** Covers 162 standard metropolitan areas and 13 New England county metropolitan areas as defined on **Dec. 31, 1977.** Large metropolitan areas defined as having 1.5 million or more inhabitants in 1970. For composition of regions, see fig. I, inside front cover]

Region and metropolitan area status	Population			Average annual population change					
				Net change		Natural increase		Net migration	
	1960	1970	1977	1960–1970	1970–1977	1960–1970	1970–1977	1960–1970	1970–1977
United States	**179,311**	**203,305**	**216,351**	**2,399**	**1,864**	**2,048**	**1,405**	**351**	**459**
Large metropolitan	69,262	81,471	83,431	1,221	280	804	513	417	−233
Other metropolitan	59,081	68,819	75,119	974	900	756	558	218	342
Nonmetropolitan	50,968	53,014	57,802	204	684	488	333	−284	351
Northeast	**44,678**	**49,061**	**49,299**	**438**	**34**	**397**	**201**	**41**	**−167**
Large metropolitan	26,309	28,933	28,327	262	−86	236	113	26	−200
Other metropolitan	12,300	13,548	13,812	125	38	112	57	13	−19
Nonmetropolitan	6,069	6,580	7,159	51	83	49	30	2	53
North Central	**51,619**	**56,593**	**57,941**	**497**	**193**	**567**	**376**	**−70**	**−183**
Large metropolitan	20,049	22,593	22,548	254	−6	249	161	6	−167
Other metropolitan	15,033	17,068	17,674	203	87	190	136	13	−49
Nonmetropolitan	16,537	16,932	17,719	39	112	128	80	−89	33
South	**54,961**	**62,812**	**69,849**	**785**	**1,005**	**700**	**508**	**86**	**497**
Large metropolitan	10,232	13,702	15,407	347	244	152	117	195	127
Other metropolitan	22,529	26,328	29,501	380	453	315	237	66	216
Nonmetropolitan	22,200	22,782	24,942	58	308	233	155	−175	153
West	**28,053**	**34,839**	**39,263**	**679**	**632**	**385**	**320**	**293**	**312**
Large metropolitan	12,672	16,244	17,149	357	129	168	122	189	7
Other metropolitan	9,219	11,875	14,132	266	322	139	129	126	194
Nonmetropolitan	6,162	6,720	7,981	56	180	78	69	−22	111

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 810.

No. 24. Number and Population of SMSA's, 1970 and 1978, and Change, 1960 to 1978

[SMSA = standard metropolitan statistical area. Data exclude Puerto Rico. For definitions, see Appendix II. Minus sign (−) denotes decrease. See also *Historical Statistics, Colonial Times to 1970,* series A 264–275]

Population-size class of SMSA's	243 SMSA's[1]				268 SMSA's[3]			
	Number, 1970[2]	Population, 1970			Number, 1978[2]	Population, 1970 (mil.)	Population, 1978	
		Total (mil.)	Percent in each class	Percent change, 1960–1970			Total (mil.)	Percent in each class	Percent change, 1970–1978
Total SMSA's	**243**	**139.4**	**100.0**	**16.6**	**268**	**150.7**	**160.0**	**100.0**	**6.2**
3,000,000 or more	6	37.7	27.0	11.9	7	40.2	39.6	24.7	−1.6
1,000,000–3,000,000	27	42.9	30.8	21.4	28	45.0	48.7	30.4	8.0
500,000–1,000,000	32	21.9	15.7	18.0	37	25.7	27.6	17.3	7.6
250,000–500,000	60	19.8	14.2	16.3	63	21.3	23.5	14.7	10.5
100,000–250,000	92	15.0	10.7	14.5	99	15.6	17.4	10.9	11.6
Less than 100,000	26	2.1	1.5	12.3	34	2.9	3.3	2.0	13.2

[1] As defined in 1970 census publications. [2] Based on size class in 1970 and 1978, respectively. [3] Includes all SMSA's as defined by U.S. Office of Federal Statistical Policy and Standards, June 30, 1979, except for New England, county metropolitan areas are substituted.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, parts A and B; and *Current Population Reports,* series P-25, No. 873.

No. 25. Cities, by Population Size: 1960 to 1978

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

Population size	Number of cities			Population (mil.)			Percent of total			Cumulative percent		
	1960	1970	1978	1960	1970	1978	1960	1970	1978	1960	1970	1978
Total	**1,654**	**2,031**	**2,201**	**91.0**	**107.7**	**111.0**	**100.0**	**100.0**	**100.0**	(X)	(X)	(X)
1,000,000 or more	5	6	6	17.5	18.9	17.6	19.2	17.5	15.8	19.2	17.5	15.8
500,000–1,000,000	16	20	17	11.1	13.1	11.2	12.2	12.2	10.0	31.4	29.7	25.8
250,000–500,000	30	31	33	10.8	10.7	11.4	11.8	9.9	10.3	43.2	39.6	36.1
100,000–250,000	79	99	107	11.4	14.1	15.5	12.5	13.1	14.0	55.7	52.7	50.1
50,000–100,000	180	234	249	12.5	16.3	17.2	13.7	15.0	15.5	69.5	67.9	65.6
25,000–50,000	366	474	540	12.7	16.4	18.7	14.0	15.2	16.9	83.5	83.1	82.5
10,000–25,000	978	1,167	1,249	15.1	18.2	19.5	16.5	16.9	17.5	100.0	100.0	100.0

X Not applicable.

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

No. 26. Metropolitan and Nonmetropolitan Area Population—States: 1960 to 1978

[Excludes Armed Forces abroad. Refers to 281 SMSA's as defined in *Standard Metropolitan Statistical Areas, 1975, Revised Edition,* and amendments issued through June 30, 1979; see Appendix II. Minus sign (−) denotes decrease]

Division and State	Metropolitan area population							Nonmetropolitan area population						
	Total (1,000)			Percent change		Percent of State or division		Total (1,000)			Percent change		Percent of State or division	
	1960 (Apr.)	1970 (Apr.)	1978 (July)	1960–1970	1970–1978	1970	1978	1960 (Apr.)	1970 (Apr.)	1978 (July)	1960–1970	1970–1978	1970	1978
U.S	**128,005**	**149,878**	**159,134**	**17.1**	**6.2**	**73.6**	**72.9**	**51,305**	**53,424**	**58,889**	**4.1**	**10.2**	**26.4**	**20.1**
N.E	**8,043**	**9,046**	**9,123**	**12.5**	**14.4**	**76.4**	**73.6**	**2,467**	**2,801**	**3,091**	**13.6**	**10.4**	**23.6**	**26.4**
Maine	233	243	249	4.1	2.5	24.4	22.8	736	751	842	2.0	12.1	75.6	77.2
N.H	194	262	317	34.9	21.0	35.5	36.5	413	476	552	15.3	16.0	64.5	63.5
Vt	–	–	–	(x)	(x)	(x)	(x)	390	445	487	14.1	9.4	100.0	100.0
Mass	4,564	4,980	4,955	9.1	−.5	87.5	86.4	584	709	779	21.3	9.9	12.5	15.8
R.I	786	867	860	10.3	−.8	91.3	92.2	73	83	75	13.1	−9.6	8.7	7.8
Conn	2,265	2,695	2,742	19.0	1.7	88.9	88.0	270	337	356	24.9	5.6	11.1	12.0
M.A	**29,902**	**32,628**	**31,854**	**9.1**	**−2.4**	**87.7**	**86.5**	**4,267**	**4,585**	**4,971**	**7.5**	**8.4**	**12.3**	**13.5**
N.Y	14,968	16,290	15,686	8.8	−3.7	89.3	88.4	1,814	1,951	2,063	7.6	5.7	10.7	11.6
N.J	5,807	6,756	6,725	16.3	−.5	94.2	91.8	260	415	602	59.6	44.9	5.8	8.2
Pa	9,127	9,582	9,444	5.0	−1.4	81.2	80.4	2,193	2,219	2,306	1.2	3.9	18.8	19.6
E.N.C	**27,949**	**31,489**	**31,903**	**12.7**	**1.3**	**77.9**	**77.4**	**8,276**	**8,774**	**9,330**	**6.0**	**6.3**	**22.1**	**22.6**
Ohio	7,745	8,596	8,562	11.0	−.4	80.7	79.7	1,962	2,061	2,187	5.1	6.1	19.3	20.3
Ind	3,226	3,660	3,783	13.5	3.4	68.0	70.4	1,436	1,535	1,591	6.9	3.6	32.0	29.6
Ill	8,074	9,053	9,146	12.1	1.0	81.5	81.4	2,007	2,057	2,097	2.5	1.9	18.5	18.6
Mich	6,440	7,354	7,470	14.2	1.6	82.8	81.3	1,383	1,528	1,719	10.4	12.5	17.2	18.7
Wis	2,464	2,824	2,942	14.6	4.2	63.9	62.9	1,487	1,593	1,737	7.1	9.0	36.1	37.1
W.N.C	**7,470**	**8,565**	**8,951**	**14.7**	**4.5**	**52.1**	**52.6**	**7,924**	**7,762**	**8,067**	**−2.0**	**3.9**	**47.9**	**47.4**
Minn	2,052	2,451	2,578	19.5	5.2	64.4	64.3	1,362	1,355	1,430	−.6	5.6	35.6	35.7
Iowa	937	1,033	1,077	10.3	4.2	36.6	37.2	1,821	1,792	1,819	−1.6	1.5	63.4	62.8
Mo	2,692	3,042	3,093	13.0	1.7	65.0	63.6	1,628	1,636	1,767	.5	8.0	35.0	36.4
N. Dak	171	196	225	14.6	14.9	21.8	34.5	462	422	427	8.7	1.2	78.2	65.5
S. Dak	157	172	194	9.4	12.9	25.8	28.1	524	495	496	−5.5	.2	74.2	71.9
Nebr	542	637	699	17.4	9.7	42.9	44.6	869	849	867	−2.4	2.1	57.1	55.4
Kans	920	1,035	1,086	12.5	4.9	46.0	46.3	1,259	1,214	1,262	−3.5	3.9	54.0	53.7
S.A	**15,940**	**20,223**	**22,829**	**26.9**	**12.9**	**65.9**	**66.0**	**10,019**	**10,456**	**11,751**	**4.4**	**12.4**	**34.1**	**34.0**
Del	307	386	397	25.5	2.8	70.4	68.1	139	162	186	16.9	14.6	29.6	31.9
Md	2,583	3,357	3,507	29.9	4.5	85.5	84.6	518	567	636	9.6	12.1	14.5	15.4
D.C	764	757	674	−1.0	−11.0	100.0	100.0	–	–	–	(x)	–	(x)	(x)
Va	2,423	3,074	3,374	26.9	9.8	66.1	65.5	1,531	1,577	1,774	3.0	12.5	33.9	34.5
W. Va	681	664	671	−2.6	1.1	38.1	36.1	1,179	1,080	1,188	−8.4	10.0	61.9	63.4
N.C	1,870	2,285	2,523	22.2	10.4	44.9	45.2	2,686	2,799	3,054	4.2	9.1	55.1	54.8
S.C	1,033	1,223	1,409	18.4	15.2	47.2	48.3	1,349	1,367	1,508	1.3	10.3	52.8	51.7
Ga	2,048	2,594	2,892	26.6	11.5	56.5	56.9	1,895	1,994	2,192	5.2	9.9	43.5	43.1
Fla	4,230	5,884	7,382	39.1	25.5	86.6	85.9	722	908	1,212	25.8	33.5	13.4	14.1
E.S.C	**5,968**	**6,679**	**7,275**	**11.9**	**8.9**	**52.1**	**52.0**	**6,082**	**6,129**	**6,727**	**.8**	**9.8**	**47.9**	**48.0**
Ky	1,324	1,511	1,578	14.1	4.4	46.9	45.1	1,714	1,710	1,921	−.2	12.3	53.1	54.9
Tenn	2,216	2,497	2,733	12.7	9.5	63.6	62.7	1,351	1,429	1,624	5.7	13.7	36.4	37.3
Ala	1,987	2,129	2,320	7.1	9.0	61.8	62.0	1,280	1,316	1,422	2.8	8.1	38.2	38.0
Miss	441	543	644	23.0	18.6	24.5	26.8	1,737	1,674	1,760	−3.6	5.1	75.5	73.2
W.S.C	**10,842**	**13,129**	**15,316**	**21.1**	**16.7**	**67.9**	**69.5**	**6,109**	**6,197**	**6,731**	**1.4**	**8.6**	**32.1**	**30.5**
Ark	622	734	842	18.0	14.7	38.2	38.5	1,164	1,189	1,344	2.1	13.0	61.8	61.5
La	1,985	2,262	2,505	14.0	10.7	62.1	63.1	1,272	1,382	1,462	8.6	5.7	37.9	36.9
Okla	1,179	1,412	1,604	19.7	13.6	55.2	55.7	1,149	1,148	1,276	−.1	11.2	44.8	44.3
Tex	7,057	8,721	10,365	23.6	18.8	77.9	79.6	2,523	2,478	2,649	−1.8	6.9	22.1	20.4
Mt	**3,672**	**4,951**	**6,234**	**34.8**	**25.9**	**59.7**	**60.6**	**3,183**	**3,338**	**4,059**	**4.9**	**21.6**	**40.3**	**39.4**
Mont	152	169	190	11.0	12.5	24.4	24.3	522	525	594	.6	13.1	75.6	75.7
Idaho	93	112	153	20.1	36.1	15.7	17.4	574	601	725	4.7	20.6	84.3	82.6
Wyo	–	–	–	(x)	–	(x)	(x)	330	332	424	.7	27.4	100.0	100.0
Colo	1,326	1,776	2,159	34.0	21.5	80.4	80.8	428	433	512	1.1	18.0	19.6	19.2
N. Mex	276	333	409	20.6	22.7	32.8	33.7	675	684	803	1.4	17.5	67.2	66.3
Ariz	929	1,323	1,755	42.4	32.7	74.5	74.6	379	453	599	21.3	32.4	25.5	25.4
Utah	683	843	1,028	23.4	21.9	79.6	78.6	207	216	280	4.3	29.4	20.4	21.4
Nev	212	394	540	86.2	36.9	80.7	81.4	74	94	123	28.4	30.8	19.3	18.6
Pac	**18,219**	**23,167**	**25,649**	**27.2**	**10.7**	**87.3**	**86.0**	**2,979**	**3,381**	**4,162**	**13.5**	**23.1**	**12.7**	**14.0**
Wash	2,031	2,491	2,683	22.6	7.7	73.0	71.1	822	922	1,091	12.2	18.9	27.0	28.9
Oreg	1,038	1,281	1,452	23.3	13.4	61.2	59.4	730	811	992	11.0	22.3	38.8	40.6
Calif	14,566	18,636	20,614	28.0	10.6	93.3	92.5	1,151	1,333	1,680	15.8	26.0	6.7	7.5
Alaska	83	126	180	52.6	42.2	41.8	44.6	143	176	223	22.9	26.5	58.2	55.4
Hawaii	500	631	720	26.0	14.1	81.9	80.3	132	139	177	5.3	27.0	18.1	19.7

– Represents zero or rounds to zero. X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 873, and unpublished data.

NO. 27. LARGE METROPOLITAN AREAS—POPULATION: 1960 TO 1978

[**In thousands, except as indicated.** Covers 163 Standard Metropolitan Statistical Areas (SMSA's) or New England County Metropolitan Areas (NECMA's) with estimated population of 200,000 or more as of July 1, 1978, and 13 Standard Consolidated Statistical Areas (SCSA's) as defined in *Standard Metropolitan Statistical Areas, 1975, Revised Edition* (Dec. 1975), issued by the Executive Office of the President, Office of Management and Budget. Figures for 1970 include corrections through December 1979. Minus sign (–) denotes net outmigration or decrease. Rank based on unrounded figures. For definitions and components of SMSA's, SCSA's, and NECMA's, see Appendix II. Data based on Federal-State Cooperative Program estimates; therefore, may not agree with data shown in Appendix II, which is based on Federal revenue-sharing estimates]

METROPOLITAN AREA	POPULATION				POPULATION CHANGE					
			July 1, 1978		1960–1970[1]			1970–1978[2]		
	Apr. 1, 1960	Apr. 1, 1970	Total	Rank	Number	Percent	Net migration	Number	Percent	Net migration
Akron, Ohio	605	679	657	57	74	12.2	1	–22	–3.3	–57
Albany-Schenectady-Troy, N.Y.	715	778	792	49	63	8.8	9	14	1.8	–7
Albuquerque, N. Mex.	276	333	409	93	57	20.6	17	76	22.7	41
Allentown-Bethlehem-Easton, Pa.-N.J.	545	594	626	63	49	9.0	16	31	5.3	19
Anaheim-Santa Ana-Garden Grove, Calif.	704	1,421	1,833	19	717	101.9	553	412	29.0	288
Ann Arbor, Mich.	172	234	254	145	62	35.8	32	20	8.7	–
Appleton-Oshkosh, Wis.	232	277	291	128	45	19.4	9	14	4.9	–3
Atlanta, Ga.	1,169	1,596	1,852	18	426	36.5	233	256	16.0	117
Augusta, Ga.-S.C.	230	276	291	127	46	19.9	12	15	5.5	–8
Austin, Tex.	267	360	478	81	93	34.9	51	117	32.6	80
Bakersfield, Calif.	292	330	365	103	38	13.1	–5	35	10.6	7
Baltimore, Md.	1,804	2,071	2,145	14	267	14.8	54	74	3.6	–9
Baton Rouge, La.	300	376	445	87	76	25.3	21	69	18.4	29
Beaumont-Port Arthur-Orange, Tex.	331	348	364	104	17	5.1	–25	17	4.8	–4
Binghamton, N.Y.-Pa.	284	303	303	117	19	6.7	–12	1	.2	–11
Birmingham, Ala.	747	767	818	46	21	2.8	–52	51	6.6	13
Boston, Mass.	2,688	2,899	(NA)	(X)	211	7.9	(NA)	(NA)	(NA)	(NA)
Boston-Lowell-Brockton-Lawrence-Haverhill, Mass.-N.H. NECMA	3,457	3,849	3,888	6	392	11.3	61	39	1.0	–73
Bridgeport, Conn.	350	402	(NA)	(X)	52	14.7	(NA)	(NA)	(NA)	(NA)
Bridgeport-Stamford-Norwalk-Danbury, Conn. NECMA	654	793	808	47	139	21.3	72	16	2.0	–9
Buffalo, N.Y.	1,307	1,349	1,303	29	42	3.2	–82	–46	–3.4	–82
Canton, Ohio	361	394	404	94	33	9.0	–3	10	2.5	–9
Charleston-North Charleston, S.C.	279	336	389	97	57	20.5	–1	53	15.7	16
Charleston, W. Va.	276	257	261	140	–19	–7.0	–46	4	1.5	–8
Charlotte-Gastonia, N.C.	444	558	606	66	114	25.7	45	48	8.6	7
Chattanooga, Tenn.-Ga.	340	371	401	95	31	9.1	–7	30	8.1	6
Chicago, Ill.	6,221	6,977	7,030	3	756	12.2	16	55	.8	–356
Cincinnati, Ohio-Ky.-Ind.	1,268	1,387	1,389	26	119	9.4	–32	2	.1	–72
Cleveland, Ohio	1,909	2,064	1,939	17	154	8.1	–44	–125	–6.0	–204
Colorado Springs, Colo.	146	239	291	126	93	63.6	62	52	21.8	18
Columbia, S.C.	261	323	380	98	62	23.8	24	57	17.7	28
Columbus, Ga.-Ala.	218	239	228	154	21	9.5	–22	–10	–4.4	–32
Columbus, Ohio	845	1,018	1,089	35	173	20.4	52	71	7.0	–4
Corpus Christi, Tex.	267	285	302	118	18	6.8	–33	17	6.1	–18
Dallas-Ft. Worth, Tex.	1,738	2,378	2,720	9	640	36.8	368	342	14.4	142
Davenport-Rock Is.-Moline, Iowa-Ill.	319	363	374	102	43	13.5	6	12	3.2	–10
Dayton, Ohio	727	853	834	45	125	17.2	27	–18	–2.2	–71
Daytona Beach, Fla.	125	169	218	158	44	35.2	43	48	28.6	54
Denver-Boulder, Colo.	935	1,240	1,505	21	305	32.6	165	265	21.4	163
Des Moines, Iowa	267	314	334	110	26	9.2	–8	21	6.6	1
Detroit, Mich.	3,950	4,435	4,386	5	485	12.3	–17	–49	–1.1	–305
Duluth-Superior, Minn.-Wis.	277	266	266	138	–11	–4.1	–30	(z)	.1	–7
El Paso, Tex.	314	359	443	88	45	14.4	–29	84	23.4	26
Erie, Pa.	251	264	269	136	13	5.2	–13	6	2.2	–9
Eugene-Springfield, Oreg.	163	215	258	143	53	32.2	29	42	19.6	27
Evansville, Ind.-Ky.	272	285	295	123	13	4.7	–9	10	3.5	–1
Fayetteville, N.C.	148	212	233	153	64	42.9	21	21	10.0	–11
Flint, Mich.	428	509	521	74	81	18.9	6	13	2.5	–30
Fort Lauderdale-Hollywood, Fla.	334	620	882	42	286	85.7	257	262	42.2	259
Fort Wayne, Ind.	306	362	376	101	56	18.2	12	14	3.8	–15
Fresno, Calif.	366	413	479	80	47	12.9	–3	66	15.9	31
Gary-Hammond-East Chicago, Ind.	574	633	648	59	60	10.4	–24	15	2.4	–36
Grand Rapids, Mich.	462	539	585	69	77	16.7	11	46	8.5	6
Greensboro-Winston-Salem-High Point, N.C.	622	724	779	52	102	16.4	20	55	7.6	15
Greenville-Spartanburg, S.C.	413	473	541	73	61	14.7	7	68	14.3	36
Hamilton-Middletown, Ohio	199	226	256	144	27	13.6	1	30	13.3	12
Harrisburg, Pa.	372	411	430	91	39	10.5	7	19	4.7	4
Hartford, Conn.	588	721	(NA)	(X)	132	22.5	(NA)	(NA)	(NA)	(NA)
Hartford-New Britain-Bristol, Conn. NECMA	847	1,035	1,045	36	188	22.2	83	10	1.0	–30
Honolulu, Hawaii	500	631	720	55	130	26.0	18	89	14.1	8
Houston, Tex.	1,430	1,999	2,595	11	569	39.8	317	596	29.8	373
Huntington-Ashland, W. Va.-Ky.-Ohio	284	287	300	120	3	1.0	–24	13	4.5	–

See footnotes at end of table.

No. 27. Large Metropolitan Areas—Population: 1960 to 1978—Continued

[In thousands, except as indicated. See headnote, p. 21]

Metropolitan area	Population				Population change					
			July 1, 1978		1960–1970[1]			1970–1978[2]		
	Apr. 1, 1960	Apr. 1, 1970	Total	Rank	Number	Percent	Net migration	Number	Percent	Net migration
Huntsville, Ala	202	282	293	124	81	39.9	38	10	3.6	−10
Indianapolis, Ind	944	1,111	1,156	32	167	17.7	38	45	4.0	31
Jackson, Miss	221	259	299	122	38	17.0	(Z)	40	15.4	15
Jacksonville, Fla	530	622	701	56	92	17.4	13	80	12.8	32
Jersey City, N.J	611	608	554	71	−3	−.5	−46	−54	−8.9	−70
Johnson City-Kingsport-Bristol, Tenn.-Va	347	374	411	92	26	7.6	−11	38	10.1	19
Johnstown, Pa	281	263	265	139	−18	−6.4	−33	2	.8	−5
Kalamazoo-Portage, Mich	218	258	270	135	40	18.2	12	13	4.9	−4
Kansas City, Mo.-Kans	1,109	1,274	1,325	28	165	14.9	31	51	4.0	−27
Killeen-Temple, Tex	118	160	209	161	42	35.4	15	49	30.8	19
Knoxville, Tenn	377	409	456	85	33	8.7	−7	46	11.3	28
Lakeland-Winter Haven, Fla	195	229	278	130	33	17.1	12	50	21.7	37
Lancaster, Pa	278	320	351	109	42	15.0	11	31	9.7	12
Lansing-East Lansing, Mich	342	424	458	84	82	24.0	28	33	7.9	−2
Las Vegas, Nev	127	273	377	99	146	115.2	110	104	37.9	75
Lawrence-Haverhill, Mass.-N.H	218	259	(NA)	(X)	40	18.4	(NA)	(NA)	(NA)	(NA)
Lexington-Fayette, Ky	212	267	300	121	55	25.8	26	33	12.4	13
Lima, Ohio	197	210	212	159	13	6.6	−10	2	.7	−12
Little Rock-North Little Rock, Ark	272	323	376	100	51	18.9	12	53	16.4	23
Long Branch-Asbury Park, N.J	334	462	500	76	127	38.1	89	38	8.2	21
Lorain-Elyria, Ohio	218	257	271	134	39	18.1	6	14	5.6	−7
Los Angeles-Long Beach, Calif	6,039	7,042	7,081	2	1,003	16.6	269	39	.6	−402
Louisville, Ky.-Ind	754	867	887	41	113	15.0	21	20	2.3	−32
Lowell, Mass	167	218	(NA)	(X)	51	30.8	(NA)	(NA)	(NA)	(NA)
Lubbock, Tex	156	179	200	163	23	14.7	−11	21	11.5	1
Macon, Ga	197	227	243	148	30	15.2	(Z)	16	7.2	−1
Madison, Wis	222	290	319	113	68	30.7	29	29	9.9	9
Manchester-Nashua, N.H. NECMA	178	224	260	141	45	25.7	24	36	16.1	23
McAllen-Pharr-Edinburg, Tex	181	182	236	149	1	.4	−43	54	29.9	15
Melbourne-Titusville-Cocoa, Fla	111	230	234	150	119	106.4	87	4	1.9	−6
Memphis, Tenn.-Ark.-Miss	727	834	889	40	107	14.7	−4	55	6.6	−11
Miami, Fla	935	1,268	1,451	23	333	35.6	255	183	14.5	154
Milwaukee, Wis	1,279	1,404	1,417	24	125	9.8	−37	13	.9	60
Minneapolis-St. Paul, Minn.-Wis	1,598	1,965	2,063	15	368	23.0	118	98	5.0	−33
Mobile, Ala	363	377	435	90	13	3.7	42	59	15.6	26
Modesto, Calif	157	195	246	146	37	23.7	19	52	26.5	37
Montgomery, Ala	218	226	258	142	7	3.4	−18	32	14.3	16
Nashville-Davidson, Tenn	597	699	786	51	102	17.2	30	87	12.4	43
Nassau-Suffolk, N.Y	1,967	2,556	2,690	10	589	29.9	359	134	5.2	38
Newark, N.J	1,833	2,057	1,951	16	224	12.2	47	−106	−5.2	−176
New Bedford-Fall River, Mass. NECMA	398	444	472	82	46	11.5	15	28	6.3	13
New Brunswick-Perth Amboy-Sayreville, N.J	434	584	591	67	150	34.6	87	7	1.2	−21
New Haven-West Haven, Conn	359	411	(NA)	(X)	52	14.4	(NA)	(NA)	(NA)	(NA)
New Haven-West Haven-Waterbury-Meriden, Conn. NECMA	660	745	755	54	85	12.8	20	10	1.3	−14
New London-Norwich, Conn.-R.I	196	242	(NA)	(X)	46	23.2	(NA)	(NA)	(NA)	(NA)
New London-Norwich, Conn. NECMA	186	231	244	147	45	24.2	15	14	6.0	-
New Orleans, La	907	1,046	1,141	33	139	15.4	11	95	9.0	16
Newport News-Hampton, Va	255	333	361	105	78	30.8	31	28	8.5	−1
New York, N.Y.-N.J	9,540	9,974	9,222	1	434	4.5	−319	−752	−7.5	−1,051
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	629	733	800	48	104	16.5	−2	67	9.2	6
Northeast, Pa	621	622	629	61	1	.1	−13	7	1.2	11
Oklahoma City, Okla	566	699	789	50	133	23.5	54	90	12.9	35
Omaha, Nebr.-Iowa	458	543	582	70	85	18.5	9	39	7.2	−5
Orlando, Fla	338	453	610	65	116	34.3	70	157	34.6	125
Oxnard-Simi Valley-Ventura, Calif	199	378	485	79	179	90.1	134	106	28.0	68
Paterson-Clifton-Passaic, N.J	407	461	445	86	54	13.3	13	−16	−3.5	−37
Pensacola, Fla	203	243	276	132	40	19.5	(Z)	32	13.3	9
Peoria, Ill	313	342	361	106	29	9.1	−8	19	5.4	−4
Philadelphia, Pa.-N.J	4,343	4,824	4,770	4	481	11.1	57	−54	−1.1	−222
Phoenix, Ariz	664	971	1,293	30	307	46.2	190	322	33.1	231
Pittsburgh, Pa	2,405	2,401	2,277	13	−4	−.2	−166	−124	−5.2	−154
Portland, Maine NECMA	206	216	233	151	10	5.1	−9	18	8.1	8
Portland, Oreg.-Wash	822	1,007	1,140	34	185	22.5	117	133	13.2	82
Poughkeepsie, N.Y	176	222	233	152	46	26.3	26	11	4.9	1
Providence-Warwick-Pawtucket, R.I.-Mass	821	909	(NA)	(X)	88	10.7	(NA)	(NA)	(NA)	(NA)
Providence-Warwick-Pawtucket, R.I. NECMA	778	855	853	43	78	10.0	12	−3	−.3	−23
Raleigh-Durham, N.C	324	419	494	77	95	29.4	49	74	17.7	47
Reading, Pa	275	296	305	116	21	7.6	6	9	3.1	4
Richmond, Va	462	548	612	64	86	18.6	35	64	11.7	39

See footnotes at end of table.

NO. 27. LARGE METROPOLITAN AREAS—POPULATION: 1960 TO 1978—Continued

[In thousands, except as indicated. See headnote, p. 21]

METROPOLITAN AREA	POPULATION				POPULATION CHANGE					
			July 1, 1978		1960–1970[1]			1970–1978[2]		
	Apr. 1, 1960	Apr. 1, 1970	Total	Rank	Number	Percent	Net migration	Number	Percent	Net migration
Riverside-San Bernardino-Ontario, Calif	810	1,139	1,385	27	329	40.6	214	246	21.6	172
Roanoke, Va	179	203	211	160	24	13.6	9	8	3.8	1
Rochester, N.Y	801	962	970	38	161	20.1	68	8	.9	−38
Rockford, Ill	230	272	269	137	42	18.2	8	−3	−1.0	−22
Sacramento, Calif	626	804	951	39	178	28.5	89	147	18.3	97
Saginaw, Mich	191	220	228	155	29	15.2	2	8	3.6	−10
Salem, Oreg	147	187	226	156	39	26.6	26	39	21.0	29
Salinas-Seaside-Monterey, Calif	198	247	276	131	49	24.8	16	28	11.5	3
Salt Lake City, Utah	576	705	843	44	129	22.4	8	137	19.4	19
San Antonio, Tex	736	888	1,038	37	152	20.7	18	150	16.8	53
San Diego, Calif	1,033	1,358	1,744	20	325	31.4	169	386	28.4	282
San Francisco-Oakland, Calif	2,649	3,109	3,184	7	460	17.4	184	75	2.4	−41
San Jose, Calif	642	1,065	1,232	31	423	65.9	285	167	15.7	80
Santa Barbara-Santa Maria-Lompoc, Calif	169	264	292	125	95	56.4	65	28	10.5	14
Santa Rosa, Calif	147	205	274	133	58	39.0	45	69	33.8	61
Savannah, Ga	205	208	219	157	3	1.6	47	11	5.1	−5
Seattle-Everett, Wash	1,107	1,425	1,468	22	317	28.7	188	43	3.0	−19
Shreveport, La	321	336	356	107	15	4.6	−32	20	6.0	−7
South Bend, Ind	271	280	281	129	9	3.3	−18	1	.4	−13
Spokane, Wash	278	287	320	112	9	3.3	−14	32	11.2	16
Springfield-Chicopee-Holyoke, Mass.-Conn	504	542	(NA)	(X)	38	7.5	(NA)	(NA)	(NA)	(NA)
Springfield-Chicopee-Holyoke, Mass. NECMA	533	583	587	68	50	9.4	(NA)	4	.7	−14
Springfield, Mo	126	168	205	162	42	33.3	18	37	21.8	27
St. Louis, Mo.-Ill	2,144	2,411	2,386	12	266	12.4	24	−25	−1.0	−142
Stamford, Conn	178	206	(NA)	(X)	28	15.7	(NA)	(NA)	(NA)	(NA)
Stockton, Calif	250	291	313	115	41	16.4	16	22	7.6	6
Syracuse, N.Y	564	637	650	58	73	12.9	2	13	2.0	−19
Tacoma, Wash	322	412	437	89	91	28.2	46	25	6.0	−6
Tampa-St. Petersburg, Fla	809	1,089	1,396	25	279	34.5	253	308	28.3	320
Toledo, Ohio-Mich	695	763	776	53	67	9.7	−8	13	1.7	−33
Trenton, N.J	266	304	317	114	38	14.2	12	13	4.3	2
Tucson, Ariz	266	352	462	83	86	32.3	48	110	31.3	78
Tulsa, Okla	475	549	628	62	74	15.5	25	79	14.4	43
Utica-Rome, N.Y	331	340	325	111	10	2.9	−21	−15	−4.4	−27
Vallejo-Fairfield-Napa, Calif	200	251	301	119	51	25.3	20	50	19.9	32
Washington, D.C.-Md.-Va	2,097	2,910	3,017	8	813	38.8	427	107	3.7	−98
Waterbury, Conn	191	217	(NA)	(X)	26	13.7	(NA)	(NA)	(NA)	(NA)
West Palm Beach-Boca Raton, Fla	228	349	487	78	121	53.0	101	138	39.5	136
Wichita, Kans	382	389	397	96	8	2.0	−46	8	2.1	−20
Wilmington, Del.-N.J.-Md	415	499	515	75	85	20.5	28	16	3.2	−12
Worcester, Mass	354	372	(NA)	(X)	18	5.1	(NA)	(NA)	(NA)	(NA)
Worcester-Fitchburg-Leominster, Mass. NECMA	583	637	645	60	54	9.2	4	8	1.3	−11
York, Pa	290	330	356	108	39	13.5	10	26	7.9	11
Youngstown-Warren, Ohio	509	537	546	72	28	5.5	−18	9	1.6	−15
STANDARD CONSOLIDATED STATISTICAL AREA (SCSA)[3]										
Boston-Lawrence-Lowell, Mass.-N.H.[4]	3,457	3,849	3,888	7	392	11.3	(NA)	39	1.0	−73
Chicago-Gary, Ill.-Ind	6,794	7,608	7,678	3	817	12.0	−9	70	.9	−391
Cincinnati-Hamilton, Ohio-Ky.-Ind	1,468	1,613	1,645	12	146	9.9	−31	32	2.0	−60
Cleveland-Akron-Lorain, Ohio	2,732	3,000	2,867	8	267	9.8	−36	−133	−4.4	−268
Detroit-Ann Arbor, Mich	4,122	4,669	4,641	6	547	13.3	14	−28	−.6	−305
Houston-Galveston, Tex.[5]	1,571	2,169	2,793	9	598	38.1	328	624	28.8	389
Los Angeles-Long Beach-Anaheim, Calif.[6]	7,752	9,981	10,764	2	2,231	28.8	1,172	803	8.0	126
Miami-Fort Lauderdale, Fla	1,269	1,888	2,333	10	619	48.8	512	445	23.6	413
Milwaukee-Racine, Wis	1,421	1,575	1,594	13	154	10.9	−29	20	1.2	−64
New York-Newark-Jersey City, N.Y.-N.J.-Conn.[4 7]	15,779	17,494	16,761	1	1,715	10.9	349	−733	−4.2	−1,305
Philadelphia-Wilmington-Trenton, Pa.-Del.-Md.-N.J	5,024	5,628	5,603	4	604	12.0	98	−25	−.4	−232
San Francisco-Oakland-San Jose, Calif.[8]	3,492	4,426	4,717	5	934	26.8	490	291	6.6	71
Seattle-Tacoma, Wash	1,429	1,837	1,905	11	408	28.6	235	68	3.7	−25

– Represents zero or rounds to zero. NA Not available. X Not applicable. Z Less than 500.
[1] Change from Apr. 1, 1960 to Apr. 1, 1970. [2] Change from Apr. 1, 1970 to July 1, 1978.
[3] See Appendix II for component parts. [4] Reflects data for NECMA's in the New England portion of SCSA.
[5] Includes Galveston-Texas City SMSA.
[6] Includes Oxnard-Simi Valley-Ventura SMSA and Riverside-San Bernardino-Ontario SMSA.
[7] Includes Nassau-Suffolk SMSA, Long Branch-Asbury Park SMSA, New Brunswick-Perth Amboy-Sayreville SMSA, Paterson-Clifton-Passaic SMSA, and Stamford and Norwalk SMSA's.
[8] Includes Vallejo-Fairfield-Napa SMSA.

Source: U.S. Bureau of the Census, *Census of Population and Housing, 1970,* PHC (2), *General Demographic Trends for Metropolitan Areas, 1960 to 1970, Characteristics of the Population,* Part 1, *United States Summary;* and *Current Population Reports,* series P-25, No. 873.

No. 28. Cities With 100,000 Inhabitants or More in 1970—Population, 1950 to 1978, and Area, 1970

[1950–1970, as of April 1; 1978, as of July 1. Data for 1950, 1960, and 1970 refer to municipal limits as of each census. 1978 data include annexations January 2, 1970, through January 1, 1978]

City	1950 (1,000)	1960		1970						1978, est.	
		Total (1,000)	Percent Black	Total (1,000)	Black		Other minority races (1,000)	Land area (sq. mi.) [1]	Population per square mile	Total (1,000)	Rank
					Number (1,000)	Percent of total					
Akron, Ohio	275	290	13.0	275	48	17.5	1	54.2	5,082	239	59
Albany, N.Y	135	130	8.3	116	14	12.2	1	20.9	5,540	106	146
Albuquerque, N. Mex	97	201	1.8	244	5	2.2	5	62.2	2,965	295	50
Alexandria, Va	62	91	11.4	111	16	14.1	1	14.7	7,547	104	153
Allentown, Pa	107	108	.7	110	2	1.8	(Z)	17.8	6,153	102	161
Amarillo, Tex	74	138	5.6	127	7	5.3	1	60.7	2,092	144	104
Anaheim, Calif	15	104	(Z)	167	(Z)	(Z)	3	33.3	5,006	207	66
Ann Arbor, Mich	48	67	4.7	100	7	6.7	2	21.8	4,578	105	147
Atlanta, Ga	331	487	38.3	497	255	51.3	1	131.5	3,779	405	30
Austin, Tex	132	187	13.1	252	30	11.8	2	72.1	3,492	319	44
Baltimore, Md	950	939	34.7	906	420	46.4	6	78.3	11,568	792	10
Baton Rouge, La. [2]	126	152	29.8	166	46	27.8	1	40.4	4,108	(NA)	(X)
Beaumont, Tex	*94*	*119*	*29.3*	*116*	*36*	*30.7*	*(Z)*	*71.6*	*1,619*	*118*	*134*
Berkeley, Calif	114	111	19.6	117	27	23.5	10	10.6	11,011	110	140
Birmingham, Ala	326	341	39.6	301	126	42.0	1	79.5	3,785	280	52
Boston, Mass	801	697	9.1	641	105	16.3	12	46.0	13,936	597	18
Bridgeport, Conn	159	157	9.8	157	26	16.3	2	16.1	9,723	134	112
Buffalo, N.Y	580	533	13.3	463	94	20.4	4	41.3	11,205	379	33
Cambridge, Mass	121	108	2.5	100	7	6.8	2	6.2	16,187	98	167
Camden, N.J	125	117	23.4	103	40	39.1	1	9.0	11,395	86	200
Canton, Ohio	117	114	9.7	110	14	12.5	(Z)	19.0	5,792	96	173
Cedar Rapids, Iowa	72	92	1.2	111	2	1.6	(Z)	50.7	2,182	107	143
Charlotte, N.C	134	202	27.9	241	73	30.3	1	76.0	3,173	299	49
Chattanooga, Tenn	131	130	33.2	119	43	35.8	(Z)	52.5	2,268	163	92
Chicago, Ill	3,621	3,550	22.9	3,367	1,103	32.7	57	222.6	15,126	3,049	2
Cincinnati, Ohio	504	503	21.6	453	125	27.6	2	78.1	5,794	399	32
Cleveland, Ohio	915	876	28.6	751	288	38.3	5	75.9	9,893	595	19
Colorado Springs, Colo	45	70	4.5	135	7	5.2	2	60.8	2,221	212	64
Columbia, S.C	87	97	30.3	114	34	29.9	1	106.2	1,069	108	142
Columbus, Ga. [3]	80	117	26.7	167	40	26.2	1	69.5	2,218	164	89
Columbus, Ohio	376	471	16.4	540	100	18.5	3	134.6	4,009	524	23
Corpus Christi, Tex	108	168	5.5	205	11	5.1	2	100.6	2,033	215	63
Dallas, Tex	434	680	19.0	844	210	24.9	8	265.6	3,179	847	7
Dayton, Ohio	*244*	*262*	*21.8*	*244*	*74*	*30.5*	*1*	*38.3*	*6,360*	*195*	*89*
Dearborn, Mich	95	112	(Z)	104	(Z)	(Z)	(Z)	24.5	4,253	92	183
Denver, Colo	416	494	6.1	515	47	9.1	9	95.2	5,406	475	26
Des Moines, Iowa	178	209	4.9	201	11	5.7	1	63.2	3,174	193	70
Detroit, Mich	1,850	1,670	28.9	1,511	660	43.7	12	138.0	10,953	1,258	6
Duluth, Minn	105	107	.5	101	1	.9	1	67.3	1,494	93	180
Elizabeth, N.J	113	108	10.9	113	17	15.5	1	11.7	9,629	103	158
El Paso, Tex	130	277	(Z)	322	7	2.3	3	118.3	2,724	401	31
Erie, Pa	131	138	4.8	129	9	6.6	(Z)	18.9	6,838	122	127
Evansville, Ind	129	142	6.6	139	10	7.3	(Z)	36.0	3,855	134	113
Flint, Mich	163	197	17.5	193	54	28.1	1	32.8	5,894	163	93
Fort Lauderdale, Fla	36	84	23.3	140	20	14.6	(Z)	29.6	4,716	149	101
Fort Wayne, Ind	134	162	7.2	178	19	10.6	1	51.5	3,450	181	77
Fort Worth, Tex	279	356	15.8	393	78	19.9	3	205.0	1,919	367	36
Fremont, Calif	*(4)*	*44*	*(Z)*	*101*	*(Z)*	*(Z)*	*3*	*84.3*	*1,197*	*122*	*129*
Fresno, Calif	92	134	7.8	166	16	9.6	6	41.8	3,971	199	68
Garden Grove, Calif	(4)	84	(Z)	123	(Z)	(Z)	2	17.4	7,042	123	126
Gary, Ind	134	178	38.8	175	93	52.8	1	42.0	4,177	156	99
Glendale, Calif	96	119	.1	133	(Z)	(Z)	2	29.4	4,515	132	115
Grand Rapids, Mich	177	177	8.0	198	22	11.3	1	44.9	4,402	184	76
Greensboro, N.C	74	120	25.8	144	41	28.2	1	54.4	2,648	163	91
Hammond, Ind	*88*	*112*	*2.2*	*108*	*5*	*4.3*	*(Z)*	*24.1*	*4,473*	*101*	*163*
Hampton, Va. [5]	6	89	21.1	121	31	25.4	1	54.7	2,208	125	124
Hartford, Conn	177	162	15.3	158	44	27.9	2	17.4	9,081	127	119
Hialeah, Fla	20	67	1.3	102	1	1.1	(Z)	20.0	5,115	125	122
Hollywood, Fla	14	35	6.3	107	4	3.7	1	25.1	4,258	115	135
Honolulu, Hawaii [6]	248	294	.4	325	2	.7	212	83.9	3,872	(NA)	(X)
Houston, Tex	596	938	22.9	1,233	317	25.7	11	433.9	2,841	1,573	5
Huntington Beach, Calif	5	11	(Z)	116	(Z)	(Z)	2	26.6	4,359	168	84
Huntsville, Ala	16	72	13.6	138	17	12.1	1	109.1	1,263	144	105
Independence, Mo	37	62	1.1	112	1	.6	(Z)	47.8	2,336	113	139

See footnotes at end of table.

No. 28. Cities With 100,000 Inhabitants or More in 1970—Population, 1950 to 1978, and Area, 1970—Continued

[See headnote, p. 24]

City	1950 (1,000)	1960		1970						1978, est.	
		Total (1,000)	Percent Black	Total (1,000)	Black		Other minority races (1,000)	Land area (sq. mi.) [1]	Population per square mile	Total (1,000)	Rank
					Number (1,000)	Percent of total					
Indianapolis, Ind. [7]	427	476	20.6	734	134	18.0	2	379.4	1,937	704	12
Jackson, Miss	98	144	35.7	154	61	39.7	(z)	50.2	3,067	191	71
Jacksonville, Fla. [8]	205	201	23.2	504	118	22.3	3	766.0	658	530	22
Jersey City, N.J	299	276	13.3	261	55	21.0	3	15.1	17,255	226	61
Kansas City, Kans	130	122	23.1	168	34	20.4	1	56.8	2,961	164	88
Kansas City, Mo	457	476	17.5	507	112	22.1	4	316.3	1,603	458	27
Knoxville, Tenn	125	112	18.5	175	22	12.7	1	77.0	2,267	185	74
Lansing, Mich	92	108	6.3	132	12	9.3	1	33.4	3,939	125	123
Las Vegas, Nev	25	64	15.0	126	14	11.2	2	51.6	2,438	169	82
Lexington, Ky. [9]	56	63	25.8	108	18	17.0	(z)	23.0	4,702	191	72
Lincoln, Nebr	99	129	1.5	150	2	1.5	1	49.3	3,033	166	86
Little Rock, Ark	102	108	23.5	132	33	25.0	(z)	52.8	2,509	152	100
Livonia, Mich	18	67	(z)	110	(z)	(z)	(z)	36.1	3,050	105	150
Long Beach, Calif	251	344	2.8	359	19	5.3	11	48.7	7,364	340	41
Los Angeles, Calif	1,970	2,479	13.5	2,816	504	17.9	139	463.7	6,073	2,787	3
Louisville, Ky	369	391	17.9	361	86	23.8	1	60.0	6,025	318	45
Lubbock, Tex	72	129	8.0	149	11	7.3	1	75.7	1,970	168	83
Macon, Ga	70	70	44.3	122	46	37.3	(z)	49.0	2,498	121	130
Madison, Wis	96	127	1.2	173	3	1.5	2	48.5	3,572	170	81
Memphis, Tenn	396	498	37.0	624	243	38.9	2	217.4	2,868	664	15
Miami, Fla	249	292	22.4	335	76	22.7	2	34.3	9,763	348	40
Milwaukee, Wis	637	741	8.4	717	105	14.7	7	95.0	7,548	633	17
Minneapolis, Minn	522	483	2.4	434	19	4.4	9	55.1	7,884	354	38
Mobile, Ala	129	195	32.4	190	67	35.4	(z)	116.6	1,630	208	65
Montgomery, Ala	107	134	35.1	133	45	33.4	(z)	46.4	2,875	159	95
Nashville-Davidson, Tenn. [10]	174	171	19.1	426	88	19.6	1	507.8	839	425	29
New Bedford, Mass	109	102	3.0	102	4	3.5	1	19.5	5,219	98	169
New Haven, Conn	164	152	14.5	138	36	26.3	2	18.4	7,484	121	132
New Orleans, La	570	628	37.2	593	267	45.0	3	197.1	3,011	556	21
New York, N.Y	7,892	7,782	14.0	7,895	1,668	21.1	178	299.7	26,343	7,135	1
Bronx Borough	1,451	1,425	11.5	1,472	358	24.3	33	41.2	35,721	1,233	(x)
Brooklyn Borough	2,738	2,627	14.1	2,602	656	25.2	40	70.3	37,013	2,263	(x)
Manhattan Borough	1,960	1,698	23.4	1,539	380	24.7	69	22.7	67,808	1,354	(x)
Queens Borough	1,551	1,810	6.1	1,986	258	13.0	33	108.0	18,393	1,945	(x)
Staten Island Borough	192	222	4.4	295	16	5.3	2	57.5	5,138	339	(x)
Newark, N.J	439	405	34.1	382	207	54.2	7	23.5	16,273	314	46
Newport News, Va. [11]	42	114	34.0	138	39	28.4	1	69.1	2,000	144	103
Norfolk, Va	214	305	25.8	308	87	28.3	6	52.6	5,855	281	51
Oakland, Calif	385	368	22.8	362	125	34.5	23	53.4	6,771	332	42
Oklahoma City, Okla	244	324	11.6	366	50	13.7	9	635.7	577	373	34
Omaha, Nebr	251	302	8.3	347	34	9.9	2	76.6	4,534	368	35
Parma, Ohio	29	83	.2	100	(z)	(z)	(z)	20.8	4,818	96	175
Pasadena, Calif	105	116	12.5	113	18	16.1	5	22.7	4,992	106	144
Paterson, N.J	139	144	14.7	145	39	26.9	2	8.4	17,241	145	102
Peoria, Ill	112	103	9.3	127	15	11.5	1	37.4	3,395	123	125
Philadelphia, Pa	2,072	2,003	26.4	1,949	654	33.6	16	129.5	15,164	1,755	4
Phoenix, Ariz	107	439	4.8	582	28	4.8	11	247.9	2,346	681	13
Pittsburgh, Pa	677	604	16.7	520	105	20.2	3	55.2	9,422	433	28
Portland, Oreg	374	373	4.2	383	22	5.6	8	89.1	4,294	365	37
Portsmouth, Va	80	115	34.2	111	44	39.9	1	29.0	3,826	108	141
Providence, R.I	249	207	5.4	179	16	8.9	2	18.1	9,901	157	96
Raleigh, N.C	66	94	23.4	122	28	22.7	1	44.9	2,708	138	110
Richmond, Va	230	220	41.8	250	105	42.0	1	60.3	4,140	220	62
Riverside, Calif	47	84	4.7	140	7	5.2	3	71.5	1,959	157	97
Rochester, N.Y	332	319	7.4	296	50	16.8	2	36.7	8,072	252	57
Rockford, Ill	93	127	4.2	147	12	8.3	(z)	34.2	4,309	140	109
Sacramento, Calif	138	192	6.3	254	27	10.7	20	93.8	2,712	264	55
St. Louis, Mo	857	750	28.6	622	254	40.9	3	61.2	10,167	504	24
St. Paul, Minn	311	313	2.6	310	11	3.5	3	52.2	5,938	263	56
St. Petersburg, Fla	97	181	13.3	216	32	14.8	1	55.4	3,903	231	60
Salt Lake City, Utah	182	189	.8	176	2	1.2	4	59.3	2,966	164	87
San Antonio, Tex	408	588	7.1	654	50	7.6	6	184.0	3,555	798	9
San Bernardino, Calif	63	92	8.8	104	15	14.0	2	44.4	2,348	104	154
San Diego, Calif	334	573	6.0	697	53	7.6	24	316.9	2,199	817	8
San Francisco, Calif	775	740	10.0	716	96	13.4	108	45.4	15,764	649	16
San Jose, Calif	95	204	1.0	446	11	2.5	17	136.2	3,273	593	20
Santa Ana, Calif	46	100	1.8	157	7	4.3	4	27.0	5,800	185	75

See footnotes at end of table.

No. 28. Cities With 100,000 Inhabitants or More in 1970—Population, 1950 to 1978, and Area, 1970—Continued

[See headnote, p. 24]

City	1950 (1,000)	1960		1970						1978, est.	
		Total (1,000)	Percent Black	Total (1,000)	Black		Other minority races (1,000)	Land area (sq. mi.) [1]	Population per square mile	Total (1,000)	Rank
					Number (1,000)	Percent of total					
Savannah, Ga	120	149	35.5	118	53	44.9	1	26.8	4,416	136	111
Scranton, Pa	126	111	.6	104	1	.8	(Z)	25.7	4,030	90	186
Seattle, Wash	468	557	4.8	531	38	7.1	29	83.6	6,350	485	25
Shreveport, La	127	164	34.4	182	62	34.1	(Z)	56.9	3,200	202	67
South Bend, Ind	116	132	9.8	126	18	14.1	1	29.2	4,301	113	138
Spokane, Wash	162	182	1.3	171	2	1.3	3	50.8	3,357	177	79
Springfield, Mass	162	174	7.5	164	21	12.6	1	31.7	5,171	162	94
Springfield, Mo	67	96	2.4	120	2	2.0	(Z)	61.5	1,953	141	107
Stamford, Conn	74	93	8.0	109	13	12.3	1	38.1	2,856	105	151
Stockton, Calif	71	86	8.5	108	12	11.0	10	29.9	3,600	126	121
Syracuse, N.Y	221	216	5.2	197	21	10.8	2	25.8	7,644	175	80
Tacoma, Wash	144	148	4.0	155	10	6.8	4	47.7	3,241	157	98
Tampa, Fla	125	275	16.8	278	55	19.7	1	84.5	3,287	264	54
Toledo, Ohio	304	318	12.6	384	53	13.8	2	81.2	4,727	352	39
Topeka, Kans	79	119	7.7	125	10	8.4	2	47.5	2,632	122	128
Torrance, Calif	22	101	(Z)	135	(Z)	(Z)	5	20.5	6,565	128	118
Trenton, N.J	128	114	22.5	105	40	37.9	1	7.5	13,952	95	178
Tucson, Ariz	45	213	3.3	263	9	3.5	4	80.0	3,287	302	48
Tulsa, Okla	183	262	8.6	332	35	10.6	9	171.9	1,929	329	43
Virginia Beach, Va. [12]	5	8	15.3	172	16	9.1	2	220.0	782	245	58
Warren, Mich	1	89	(Z)	179	(Z)	(Z)	1	34.2	5,242	167	85
Washington, D.C	802	764	53.9	757	538	71.1	10	61.4	12,321	671	14
Waterbury, Conn	104	107	6.6	108	11	10.1	(Z)	27.6	3,914	104	155
Wichita, Kans	168	255	7.8	277	27	9.7	3	86.5	3,197	268	53
Winston-Salem, N.C	88	111	37.1	133	46	34.3	(Z)	56.5	2,352	140	108
Worcester, Mass	203	187	1.1	177	3	1.9	1	37.4	4,721	164	90
Yonkers, N.Y	153	191	4.0	204	13	6.4	1	17.7	11,542	190	79
Youngstown, Ohio	168	167	19.0	140	35	25.2	1	33.6	4,160	129	117

NA Not available. X Not applicable. Z Less than 500 or .05 percent. [1] Land area information supplied by the individual cities. [2] For 1978, the only estimate available (311) for Baton Rouge includes all of East Baton Rouge Parish (except Baker city and Zachary town). [3] *Columbus and the unincorporated balance* of Muscogee County consolidated on Jan. 1, 1971. [4] Not incorporated in 1950. [5] Hampton and Elizabeth City County consolidated July 1, 1952. [6] For 1978, the only estimate available (723) is for the entire county of Honolulu. [7] Indianapolis and the unincorporated balance of Marion County consolidated Jan. 1, 1970. [8] Jacksonville and the unincorporated balance of Duval County consolidated Oct. 1, 1968. [9] Lexington and Fayette County consolidated Jan. 1, 1974. [10] Nashville and the unincorporated balance of Davidson County consolidated Apr. 1, 1963. [11] Newport News and Warwick County consolidated July 1, 1958. [12] Virginia Beach and Princess Anne County consolidated Jan. 1, 1963.

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

No. 29. Components of Population Change, by Race, Between 1960 and 1979

[In thousands, except rate. Resident population, excluding Armed Forces abroad. Growth, birth, and death rates per 1,000 population estimated as of July 1]

Item	Total [1]	White	Black	Item	Total [1]	White	Black
Apr. 1, 1960, to Apr. 1, 1970				**1960** (calendar year):			
Population, beg. of period	179,323	158,832	18,872	Net growth rate	16.1	15.1	22.1
Net change during period [2]	23,912	19,266	3,709	Birth rate	23.9	22.7	32.9
Births [3]	39,073	32,543	5,948	Death rate	9.5	9.4	10.3
Deaths	16,209	15,986	2,107	*General fertility rate* [4]	118.0	113.2	152.7
Net civilian immigration	3,887	3,362	234	**1970** (calendar year):			
Population, end of period	203,235	178,098	22,581	Net growth rate	12.0	10.6	18.0
Apr. 1, 1970, to Jan. 1, 1979				Birth rate	18.3	17.3	25.4
				Death rate	9.4	9.4	10.0
				General fertility rate [4]	87.5	83.5	114.7
Population, beg. of period	203,235	178,098	22,581				
Net change during period [2]	15,809	11,106	3,080	**1978** (calendar year): [5]			
Births	28,905	23,549	4,663	Net growth rate	8.0	6.3	13.7
Deaths	16,837	14,768	1,944	Birth rate	15.3	14.3	21.1
Net civilian immigration	3,136	1,735	343	*Death rate*	8.8	9.0	8.7
Population, end of period	219,044	189,204	25,661	General fertility rate [4]	66.5	63.1	86.5

[1] Includes other races not shown separately. [2] Includes changes due to movement of Armed Forces to posts overseas and the "error of closure" (the amount necessary to make the components of change add to the net change between censuses). [3] Adjusted for underregistration.
[4] Registered births per 1,000 *resident females aged 15 to 44*, estimated as of July 1. [5] Preliminary.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960* and *1970*, vol. I; *Current Population Reports*, series P–25, No. 802; and unpublished data.

No. 30. Resident Population, Natural Increase, and Net Migration, by Race—States: 1960 to 1970 and 1970 to 1975

[**In thousands, except percent.** For basis of estimates, see p. 2. Minus sign (−) denotes decrease or net outmigration. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series C 25-75, for net migration]

Region, division, and state	April 1, 1960 to April 1, 1970						April 1, 1970 to July 1, 1975					
	White			Black			White			Black		
	Natural increase[1]	Net migration[2]		Natural increase[1]	Net migration[2]		Natural increase[1]	Net migration[2]		Natural increase[1]	Net migration[2]	
		Number	Percent[3]		Number	Percent[3]		Number	Percent[3]		Number	Percent[3]
U.S	**16,496**	**2,284**	**1.4**	**3,886**	**−85**	**−.5**	**5,360**	**1,623**	**.9**	**1,614**	**232**	**1.0**
North	8,174	−1,792	−2.0	1,446	995	15.4	2,289	−1,883	−2.0	677	68	.8
South	5,045	1,806	4.2	2,132	−1,380	−12.2	1,816	2,395	4.7	797	44	.4
West	3,278	2,269	8.8	308	301	27.7	1,262	1,112	3.5	140	119	7.0
N. Eng	**941**	**205**	**2.0**	**73**	**72**	**29.5**	**237**	**40**	**.4**	**36**	**9**	**2.3**
Maine	91	−69	−7.2	1	−2	(B)	28	36	3.6	-	(B)	(B)
N.H	61	68	11.2	1	(Z)	(B)	24	48	6.6	-	(B)	(B)
Vt	39	14	3.5	(Z)	(Z)	(B)	15	10	2.2	-	(B)	(B)
Mass	492	23	.5	31	33	29.5	93	−13	−.2	16	19	10.9
R.I	72	4	.5	5	2	12.2	17	−38	−4.2	2	−2	−.9
Conn	245	166	6.8	35	38	35.4	59	−3	−.1	17	−10	−5.7
Mid. Atl	**2,323**	**−724**	**−2.3**	**628**	**540**	**19.4**	**512**	**−956**	**−2.9**	**267**	**78**	**2.0**
N.Y	1,141	−638	−4.2	353	396	27.9	244	−701	−4.4	153	60	2.8
N.J	475	336	6.1	135	120	23.3	113	−85	−1.3	64	35	4.5
Pa	707	−423	−4.0	139	25	2.9	155	−169	−1.6	50	−18	−1.8
E. No. Cent	**3,524**	**−617**	**−1.9**	**632**	**356**	**12.3**	**1,136**	**−852**	**−2.4**	**323**	**−15**	**−.4**
Ohio	928	−191	−2.1	139	45	5.8	313	−313	−3.2	65	−6	−.6
Ind	490	−58	−1.3	56	32	12.0	180	−97	−2.0	28	3	.7
Ill	805	−215	−2.4	261	127	12.2	234	−308	−3.2	128	−14	−1.0
Mich	872	−124	−1.7	149	124	17.3	289	−163	−2.1	65	3	.3
Wis	429	−29	−.8	27	27	36.1	120	29	.6	16	−1	−.6
W. No. Cent	**1,386**	**−655**	**−4.4**	**112**	**26**	**4.6**	**397**	**−116**	**−.7**	**50**	**−3**	**−.5**
Minn	404	−39	−1.2	5	7	33.3	121	−17	−.5	4	1	3.6
Iowa	244	−189	−6.9	6	2	6.0	63	−34	−1.2	3	5	14.6
Mo	279	−25	−.6	75	14	3.7	79	−26	−.6	33	−6	−1.2
N. Dak	74	−94	−15.2	1	1	(B)	20	−5	−.8	-	(B)	(B)
S. Dak	69	−92	−14.0	1	(Z)	(B)	18	−10	−1.7	-	(B)	(B)
Nebr	134	−76	−5.6	9	2	7.3	42	6	.5	4	3	6.4
Kans	182	−139	−6.7	16	−1	−.9	53	−29	−1.4	6	−5	−5.1
So. Atl	**2,224**	**1,807**	**9.0**	**1,117**	**−538**	**−9.2**	**728**	**1,597**	**6.6**	**414**	**143**	**2.2**
Del	50	32	8.4	14	4	6.6	16	9	1.9	5	2	1.9
Md	329	290	11.3	104	79	15.2	91	−39	−1.2	41	87	12.5
D.C	1	−137	−39.7	90	36	8.7	−7	−14	−6.8	27	−53	−9.9
Va	409	206	6.5	128	−79	−9.7	144	96	2.6	40	29	3.3
W. Va	144	−247	−14.0	4	−20	−22.2	47	8	.5	-	−3	−4.5
N.C	412	81	2.4	198	−175	−15.7	148	132	3.4	71	−4	−.4
S.C	200	44	2.8	157	−197	−23.8	80	61	3.4	57	21	2.7
Ga	372	198	7.0	223	−154	−13.7	151	83	2.4	86	16	1.3
Fla	307	1,340	33.0	200	−32	−3.6	58	1,261	22.0	88	49	4.7
E. So. Cent	**991**	**−153**	**−1.6**	**458**	**−560**	**−20.8**	**357**	**247**	**2.4**	**170**	**−86**	**−3.3**
Ky	309	−158	−5.6	25	1	.5	107	42	1.4	10	4	1.5
Tenn	305	1	(Z)	95	−51	−8.7	109	103	3.1	37	−7	−1.2
Ala	251	−5	−.2	159	−231	−23.6	89	58	2.3	57	−41	−4.5
Miss	126	10	.8	179	−279	−30.4	51	44	3.2	66	−42	−5.1
W. So. Cent	**1,830**	**152**	**1.1**	**557**	**−282**	**−10.2**	**730**	**551**	**2.4**	**213**	**−13**	**−.4**
Ark	128	38	2.7	61	−112	−28.7	45	111	7.1	23	−19	−5.4
La	302	26	1.2	212	−163	−15.7	104	4	.2	80	−32	−3.0
Okla	171	−4	−.2	28	−3	−2.1	60	65	2.8	11	9	5.3
Tex	1,229	92	1.1	237	−4	−.3	521	371	3.8	99	29	2.1
Mt	**988**	**295**	**4.5**	**42**	**16**	**12.6**	**462**	**761**	**9.8**	**19**	**25**	**13.6**
Mont	69	−57	−8.7	1	(Z)	(B)	23	24	3.6	-	(B)	(B)
Idaho	85	−44	−6.6	1	(Z)	(B)	43	56	8.0	-	(B)	(B)
Wyo	40	−39	−12.2	1	(Z)	(B)	16	25	7.6	-	(B)	(B)
Colo	224	187	11.0	10	16	40.9	103	199	9.4	6	14	21.2
N. Mex	160	−120	−13.8	7	−4	−24.7	58	54	5.8	2	(B)	(B)
Ariz	187	248	21.2	14	−4	−10.2	93	299	18.5	6	8	15.2
Utah	174	−16	−1.9	2	1	(B)	105	34	3.3	1	(B)	(B)
Nev	49	136	51.5	8	6	48.0	21	71	15.9	4	4	14.1
Pac	**2,289**	**1,974**	**10.2**	**266**	**286**	**29.7**	**799**	**351**	**1.5**	**121**	**95**	**6.2**
Wash	280	220	8.0	13	10	20.0	97	21	.6	6	3	3.5
Oreg	155	145	8.4	4	4	20.9	58	121	6.0	2	2	8.5
Calif	1,777	1,526	10.6	244	272	30.7	606	183	1.0	110	87	6.2
Alaska	40	22	12.6	3	(Z)	(B)	21	27	11.1	1	(B)	(B)
Hawaii	38	58	28.8	2	1	(B)	17	−1	−.2	1	(B)	(B)

- Represents zero or rounds to zero. B Not shown; for 1960 to 1970, base less than 10,000; for 1970 to 1975, base less than 25,000.
Z Less than 500 or .05 percent. [1] Births minus deaths. [2] Comprises net immigration from abroad and net interdivisional or interstate migration according to the area shown. Includes Armed Forces.
[3] *For 1960–1970, base is 1960 resident population; for 1970–1975, base is 1970 resident population.*

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 67, and series P-25, No. 460.

NO. 31. POPULATION, BY SEX, RACE, RESIDENCE, AND MEDIAN AGE: 1790 TO 1979

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

DATE	SEX		RACE				RESIDENCE [1]		MEDIAN AGE (years)		
	Male	Female	White	Black Number	Black Percent	Other	Urban	Rural	All races	White	Black
CONTERMINOUS U.S. [2]											
1790 (Aug. 2)	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,728	(NA)	(NA)	(NA)
1800 (Aug. 4)	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	16.0	(NA)
1810 (Aug. 6)	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	16.0	(NA)
1820 (Aug. 7)	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.2
1830 (June 1)	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	16.9
1840 (June 1)	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.3
1850 (June 1)	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.3
1860 (June 1)	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.7
1870 (June 1)	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.5
1880 (June 1)	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.0
1890 (June 1)	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.8
1900 (June 1)	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.4
1910 (Apr. 15)	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.8
1920 (Jan. 1)	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.3
1930 (Apr. 1)	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.5
1940 (Apr. 1)	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.3
1950 (Apr. 1)	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.2
1960 (Apr. 1)	87,865	90,600	158,455	18,860	10.6	1,149	124,899	53,765	29.6	30.3	23.5
UNITED STATES											
1950 (Apr. 1)	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.2
1960 (Apr. 1)	88,331	90,992	158,832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.5
1970 (Apr. 1)	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22.4
1971 (July 1, est.)	100,445	105,775	180,411	23,084	11.2	2,725	(NA)	(NA)	28.0	28.8	22.5
1972 (July 1, est.)	101,477	106,757	181,894	23,465	11.3	2,875	(NA)	(NA)	28.2	29.0	22.7
1973 (July 1, est.)	102,240	107,619	183,032	23,796	11.3	3,031	(NA)	(NA)	28.4	29.3	22.9
1974 (July 1, est.)	102,954	108,435	184,083	24,113	11.4	3,193	(NA)	(NA)	28.7	29.5	23.2
1975 (July 1, est.)	103,723	109,328	185,158	24,436	11.5	3,457	(NA)	(NA)	28.8	29.6	23.5
1976 (July 1, est.)	104,484	110,196	186,241	24,767	11.5	3,672	(NA)	(NA)	29.0	29.8	23.8
1977 (July 1, est.)	105,278	111,122	187,409	25,118	11.6	3,874	(NA)	(NA)	29.4	30.3	24.1
1978 (July 1, est.)	106,120	112,108	188,657	25,487	11.7	4,083	(NA)	(NA)	29.7	30.6	24.3
1979 (July 1, est.)	107,006	113,093	189,968	25,863	11.8	4,268	(NA)	(NA)	30.0	30.9	24.6

NA Not available. [1] Beginning 1950, current definition. For explanation of change, see text, pp. 2 and 3.
[2] Excludes Alaska and Hawaii.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930,* vol. II; *1940,* vol. II, part 1, and vol. IV, part 1; *1950,* vol. II, part 1; *1960,* vol. I; *1970,* vol. I, part B; and *Current Population Reports,* series P-25, Nos. 721 and 870.

NO. 32. RATIO OF MALES TO FEMALES, BY AGE GROUPS, 1910 TO 1979, AND BY RACE, 1979

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

AGE (years)	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1975 (July 1)	1979 (July 1) Total [1]	White	Black	Spanish origin [2]
All ages	**106.0**	**[3] 104.1**	**[3] 102.5**	**100.7**	**98.6**	**97.1**	**94.8**	**94.9**	**94.6**	**95.2**	**90.6**	**96.2**
Under 14	102.1	102.1	102.6	103.0	103.7	103.4	103.9	104.2	104.4	104.9	101.8	103.3
14-24	101.2	97.3	98.4	98.9	98.2	98.7	98.7	101.3	101.6	102.4	96.2	100.1
25-44	110.2	105.1	101.8	98.5	96.4	95.7	95.5	96.5	96.7	98.8	84.1	89.6
45-64	114.4	115.2	109.1	105.2	100.1	95.7	91.6	91.7	92.1	92.9	86.1	90.1
65 and over	101.1	101.3	100.5	95.5	89.6	82.8	72.1	69.4	68.4	67.8	71.0	86.5

[1] Includes other races, not shown separately. [2] March data. Persons of Spanish origin may be of any race. Computed from Unpublished data from 1979 Current Population Survey. [3] Includes "age not reported."

Source: U.S. Bureau of the Census, based on *U.S. Census of Population: 1950; 1960;* and *1970,* part B; and *Current Population Reports,* series P-25, No. 870, and earlier issues.

NO. 33. RESIDENT POPULATION, BY AGE, RACE, AND SEX: 1960 TO 1979

[**In thousands, except as indicated. 1960** and **1970** data based on enumerated population as of **April 1; 1979** data based on estimated population as of **July 1.** Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A 119–134]

YEAR, SEX, AND RACE	Total, all years	Under 5 years	5–13 years	14–17 years	18–21 years	22–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over	16 years and over	18 years and over	21 years and over	Median age (yr.)
1960, total[1]	**179,323**	**20,321**	**32,726**	**11,155**	**9,214**	**6,390**	**22,818**	**24,081**	**20,485**	**15,572**	**16,560**	**120,780**	**115,121**	**108,124**	**29.5**
Male	88,331	10,330	16,640	5,646	4,526	3,123	11,179	11,755	10,093	7,503	7,575	58,575	55,716	52,273	28.7
Female	90,992	9,991	16,087	5,508	4,688	3,268	11,639	12,326	10,393	8,036	9,056	62,205	59,406	55,851	30.3
White	158,832	17,359	28,341	9,779	8,080	5,605	20,144	21,564	18,479	14,177	15,304	108,339	103,353	97,217	30.3
Male	78,367	8,849	14,446	4,961	3,982	2,753	9,940	10,564	9,114	6,850	6,908	52,635	50,111	47,084	29.4
Female	80,465	8,509	13,895	4,818	4,098	2,852	10,204	11,000	9,364	7,327	8,396	55,704	53,242	50,133	31.1
Black	18,872	2,731	4,051	1,271	1,045	718	2,420	2,315	1,864	1,281	1,176	11,443	10,820	10,025	23.4
Male	9,114	1,363	2,023	632	499	336	1,119	1,086	891	617	547	5,406	5,096	4,714	22.4
Female	9,758	1,368	2,027	639	546	382	1,301	1,229	973	663	629	6,037	5,724	5,311	24.4
1970, total[1]	**203,235**	**17,163**	**36,675**	**15,851**	**14,155**	**9,559**	**24,923**	**23,101**	**23,235**	**18,602**	**19,972**	**141,268**	**133,546**	**122,722**	**28.0**
Male	98,926	8,750	18,687	8,069	6,929	4,655	12,225	11,239	11,206	8,799	8,367	67,347	63,419	58,078	26.8
Female	104,309	8,413	17,988	7,783	7,227	4,904	12,697	11,863	12,028	9,803	11,605	73,920	70,127	64,644	29.3
White	178,098	14,464	31,171	13,578	12,240	8,415	21,850	20,382	20,887	16,839	18,272	125,520	118,884	109,540	28.9
Male	86,906	7,396	15,928	6,932	6,011	4,123	10,811	10,005	10,112	7,974	7,615	60,034	56,650	52,025	27.6
Female	91,192	7,068	15,242	6,647	6,229	4,292	11,038	10,377	10,776	8,865	10,657	65,486	62,234	57,515	30.1
Black	22,581	2,434	5,008	2,072	1,714	1,007	2,683	2,395	2,114	1,608	1,544	14,053	13,065	11,735	22.4
Male	10,749	1,220	2,509	1,039	816	466	1,226	1,085	979	740	669	6,476	5,981	5,341	21.0
Female	11,832	1,214	2,499	1,035	897	541	1,456	1,311	1,134	869	876	7,577	7,084	6,394	23.6
1979, total[1]	**220,099**	**15,649**	**30,647**	**16,275**	**16,991**	**12,038**	**34,863**	**25,075**	**22,951**	**20,952**	**24,658**	**165,807**	**157,529**	**144,721**	**30.0**
Male	107,006	8,003	15,643	8,298	8,541	5,989	17,252	12,213	11,137	9,915	10,017	79,283	75,063	68,628	28.9
Female	113,093	7,646	15,004	7,977	8,451	6,049	17,611	12,862	11,814	11,037	14,641	86,525	82,466	76,093	31.3
White	189,968	12,847	25,316	13,609	14,409	10,270	30,187	21,907	20,218	18,873	22,331	145,136	138,196	127,353	30.9
Male	92,661	6,585	12,957	6,950	7,273	5,152	15,104	10,787	9,870	8,959	9,024	69,712	66,170	60,702	29.7
Female	97,307	6,262	12,359	6,660	7,137	5,118	15,082	11,120	10,349	9,914	13,306	75,424	72,026	66,652	32.2
Black	25,863	2,386	4,618	2,356	2,250	1,506	3,869	2,687	2,319	1,831	2,041	17,682	16,503	14,786	24.6
Male	12,294	1,208	2,326	1,190	1,097	710	1,781	1,214	1,082	837	848	8,166	7,569	6,730	23.5
Female	13,570	1,179	2,292	1,166	1,153	796	2,088	1,473	1,237	993	1,194	9,517	8,933	8,056	25.9
PERCENT															
1960	100.0	11.3	18.2	6.2	5.1	3.6	12.7	13.4	11.4	8.7	9.2	67.4	64.2	60.3	(X)
1970	100.0	8.4	18.0	7.8	7.0	4.8	12.3	11.3	11.4	9.2	9.9	69.6	65.8	60.5	(X)
1979, total	**100.0**	**7.1**	**13.9**	**7.4**	**7.7**	**5.5**	**15.8**	**11.4**	**10.4**	**9.5**	**11.2**	**75.3**	**71.6**	**65.8**	(X)
Male	100.0	7.5	14.6	7.8	8.0	5.6	16.1	11.4	10.4	9.3	9.4	74.1	70.1	64.1	(X)
Female	100.0	6.8	13.3	7.1	7.5	5.3	15.6	11.4	10.4	9.8	12.9	76.5	72.9	67.3	(X)
White	100.0	6.8	13.3	7.2	7.6	5.4	15.9	11.5	10.6	9.9	11.8	76.4	72.7	67.0	(X)
Black	100.0	9.2	17.9	9.1	8.7	5.8	15.0	10.4	9.0	7.1	7.9	68.4	63.8	57.2	(X)

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

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960* and *1970,* vol. I; and *Current Population Reports,* series P-25, No. 870.

No. 34. Estimated and Projected Population, by Age and Sex, 1950 to 2010, and Zero Growth Projections, 1985 to 2050

[In **thousands, except percent.** As of **July 1.** *Includes Armed Forces abroad.* The base date for the projections is **1976.** These projections were prepared using the "cohort-component" *method.* Series I, II, and III assume a slight improvement in mortality, an annual net immigration of 400,000, and completed cohort fertility rates (i.e., *average number of lifetime births per 1,000 women*) that move toward the following levels: I–2,700; II–2,100; III–1,700. *Series II–X differs from* Series II only in that it assumes no net immigration. The Series II and Series II–X fertility assumption represents "replacement level" fertility (i.e., the level of fertility at which the population would exactly replace itself in the absence of net immigration). See p. 2 for derivation of estimates and projections. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A 23–25 and A 29–41]

YEAR, SERIES, AND SEX	Total, all ages	Under 5 years	5–13 years	14–17 years	18–21 years	22–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over	16 years and over	18 years and over	21 years and over	Median age (yr.)
TOTAL															
1950	152,271	16,410	22,423	8,444	8,947	7,129	24,036	21,637	17,453	13,396	12,397	109,141	104,994	98,341	30.2
1960	180,671	20,341	32,965	11,219	9,555	6,573	22,919	24,221	20,578	15,625	16,675	121,835	116,146	108,856	29.4
1970	204,878	17,148	36,636	15,910	14,707	9,980	25,294	23,142	23,310	18,664	20,087	142,956	135,184	124,031	27.9
1975	213,559	15,879	33,440	16,934	16,484	11,120	30,919	22,816	23,769	19,777	22,420	155,724	147,306	134,776	28.8
1978	218,717	15,378	31,397	16,651	17,101	11,871	33,971	24,409	23,199	20,677	24,064	163,716	155,292	142,416	29.7
1979	220,584	15,649	30,647	16,276	17,148	12,136	35,024	25,136	22,957	20,952	24,658	166,292	158,013	145,098	30.0
Percent of total:															
1950	100.0	10.8	14.7	5.5	5.9	4.7	15.8	14.2	11.5	8.8	8.1	71.7	69.0	64.6	(X)
1960	100.0	11.3	18.2	6.2	5.3	3.6	12.7	13.4	11.4	8.6	9.2	67.4	64.3	60.3	(X)
1970	100.0	8.4	17.9	7.8	7.2	4.9	12.3	11.3	11.4	9.1	9.8	69.8	66.0	60.5	(X)
1975	100.0	7.4	15.7	7.9	7.7	5.2	14.5	10.7	11.1	9.3	10.5	72.9	69.0	63.1	(X)
1978	100.0	7.0	14.4	7.6	7.8	5.4	15.5	11.2	10.6	9.5	11.0	74.9	71.0	65.1	(X)
1979	100.0	7.1	13.9	7.4	7.8	5.5	15.9	11.4	10.4	9.5	11.2	75.4	71.6	65.8	(X)
Projections:															
1985—I	238,878	22,887	31,012												30.7
II	232,880	18,803	29,098	14,392	15,442	12,411	39,859	31,376	22,457	21,737	27,305	177,607	170,587	159,218	31.5
III	228,879	16,235	27,665												32.0
1990—I	254,715	24,616	38,591												31.4
II	243,513	19,437	32,568	12,771	14,507	10,642	41,086	36,592	25,311	20,776	29,824	185,082	178,737	167,787	32.8
III	236,264	16,211	28,546												33.7
2000—I	282,837	23,638	44,725	19,698	17,692	10,336						204,408	194,776	181,139	32.5
II	260,378	17,852	35,080	16,045	14,990	9,663	34,450	41,344	35,875	23,257	31,822	199,324	191,400	179,893	35.5
III	245,876	14,158	28,915	13,831	13,006	9,219						195,865	188,972	178,989	37.3
2010—I	315,248	29,126	45,417	19,865	20,728	15,038	42,076					230,814	220,841	205,257	31.1
II	275,335	19,221	33,067	15,439	16,319	12,043	36,246	34,685	40,551	32,926	34,837	215,392	207,608	195,361	36.6
III	250,892	13,763	25,540	12,557	13,498	10,191	32,344					205,389	199,032	188,929	40.2
MALE															
1950	75,849	8,362	11,415	4,269	4,484	3,525	11,804	10,706	8,715	6,714	5,856	53,893	51,803	48,460	29.8
1960	89,320	10,339	16,762	5,682	4,810	3,284	11,327	11,872	10,142	7,559	7,542	59,413	56,536	52,859	28.5
1970	100,269	8,742	18,667	8,101	7,437	5,000	12,521	11,316	11,251	8,828	8,407	68,714	64,759	59,121	26.6
1975	104,213	8,114	17,048	8,624	8,344	5,567	15,347	11,150	11,490	9,345	9,184	74,709	70,426	64,088	27.6
1978	106,580	7,863	16,016	8,493	8,659	5,939	16,876	11,921	11,246	9,785	9,783	78,502	74,209	67,696	28.5
1979	107,457	8,003	15,643	8,299	8,685	6,076	17,402	12,273	11,143	9,915	10,017	79,733	75,512	68,978	28.8

Projections:															
1985—I	116,441	11,726	15,869												29.5
II	113,366	9,632	14,888	7,346	7,820	6,208	19,825	15,374	10,915	10,346	11,012	85,979	81,500	75,750	30.3
III	111,315	8,315	14,154												30.8
1990—I	124,232	12,618	19,772												30.2
II	118,490	9,963	16,685	6,533	7,358	5,320	20,424	17,964	12,299	9,945	11,999	88,553	85,310	79,758	31.6
III	114,775	8,309	14,624												32.5
2000—I	138,091	12,121	22,928	10,090	9,002	5,188						97,882	92,952	86,018	30.8
II	126,588	9,153	17,981	8,218	7,626	4,849	17,124	20,261	17,518	11,141	12,717	95,292	91,236	85,386	34.1
III	119,162	7,259	14,819	7,083	6,616	4,624						93,529	90,001	84,926	36.0
2010—I	154,121	14,943	23,292	10,180	10,558	7,564	21,012					110,813	105,705	97,775	29.5
II	133,710	9,855	16,946	7,907	8,306	6,049	18,076	16,971	19,770	15,851	13,978	102,987	99,003	92,775	34.8
III	121,213	7,051	13,079	6,426	6,865	5,113	16,109					97,909	94,658	89,524	38.6
FEMALE															
1950	76,422	8,048	11,008	4,175	4,463	3,603	12,233	10,931	8,738	6,682	6,541	55,248	53,191	49,881	30.5
1960	91,352	10,002	16,203	5,537	4,745	3,289	11,591	12,349	10,436	8,067	9,133	62,422	59,610	55,997	30.3
1970	104,609	8,406	17,968	7,809	7,270	4,980	12,772	11,826	12,059	9,838	11,681	74,243	70,425	64,910	29.3
1975	109,346	7,765	16,392	8,310	8,140	5,554	15,571	11,667	12,279	10,432	13,236	81,014	76,880	70,688	30.0
1978	112,137	7,514	15,381	8,158	8,441	5,932	17,095	12,488	11,953	10,892	14,282	85,214	81,083	74,720	31.0
1979	113,128	7,646	15,004	7,977	8,463	6,060	17,622	12,863	11,814	11,037	14,641	86,559	82,500	76,120	31.3
Projections:															
1985—I	122,437	11,161	15,144												31.9
II	119,514	9,171	14,210	7,046	7,621	6,204	20,034	16,002	11,542	11,390	16,293	92,528	89,087	83,468	32.7
III	117,564	7,919	13,512												33.2
1990—I	130,483	11,998	18,820												32.7
II	125,023	9,474	15,883	6,238	7,148	5,321	20,663	18,626	13,012	10,831	17,824	96,530	93,427	88,029	33.9
III	121,489	7,902	13,923												34.8
2000—I	144,746	11,517	21,797	9,607	8,690	5,148						106,525	101,825	95,121	34.1
II	133,790	8,699	17,099	7,827	7,363	4,815	17,326	21,084	18,356	12,116	19,105	104,032	100,165	94,508	36.8
III	126,714	6,899	14,096	6,748	6,390	4,595						102,336	98,971	94,063	38.5
2010—I	161,128	14,183	22,125	9,684	10,170	7,474	21,063					120,001	115,136	107,482	32.8
II	141,625	9,367	16,121	7,533	8,013	5,994	18,171	17,713	20,782	17,075	20,858	112,405	108,605	102,586	38.3
III	129,678	6,712	12,462	6,131	6,633	5,078	16,235					107,480	104,374	99,405	41.7
SERIES II–X ILLUSTRATIVE PROJECTIONS [1]															
1980	220,497	15,782	29,951	15,645	16,978	12,222	35,720	25,545	22,604	21,140	24,910	167,215	159,119	146,333	30.3
1985	228,912	18,283	28,423	14,136	15,153	12,165	38,842	30,856	22,218	21,593	27,244	174,960	168,071	156,916	31.7
1990	237,028	18,680	31,353	12,361	14,076	10,288	39,636	35,556	24,861	20,526	29,690	180,780	174,634	164,005	33.0
2000	248,372	16,698	33,014	15,147	14,106	9,037	32,295	39,369	34,570	22,684	31,451	190,991	183,513	172,675	36.0
2025	267,418	17,207	32,525	14,530	13,977	9,777	33,405	35,535	29,773	32,067	48,621	210,317	203,156	192,561	38.4
2050	269,411	17,499	32,314	14,367	14,125	10,084	33,882	34,351	31,438	31,522	49,829	212,335	205,230	194,556	38.6
Percent distribution in ultimate stationary population	100.0	6.5	11.7	5.2	5.2	3.8	12.7	12.5	12.2	11.2	19.0	79.2	76.6	72.8	38.9

X Not applicable. [1] Series II–X, which would reach zero growth around the middle of the twenty-first century, is one of many possible approaches to zero growth. Immediate cessation of net immigration, combined with replacement level fertility would not lead to immediate zero growth because the U.S. has a relatively young age structure (due to the post-World War II baby boom) which provides momentum for continued growth. Immediate zero growth in **1979** (assuming no dramatic change in mortality) would require an annual total fertility rate of about 800 with net immigration at the current level, or about 1,000 with no net immigration. Total fertility rate in **1979** was about 1,840.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 310, 311, 519, 704, 721, and 870.

No. 35. Resident Population, by Age—States: 1979

[In thousands. Preliminary. As of July 1. See *Historical Statistics, Colonial Times to 1970*, series A 204-209, for decennial census data]

Division and State	Total	Under 5 years	5-13 years	14-17 years	18-24 years	25-44 years	45-64 years	65 years and over	18 years and over	Percent: Under 5 years	Percent: 5 to 17 years	Percent: 65 years and over
U.S.	**220,099**	**15,644**	**30,647**	**16,275**	**29,029**	**59,938**	**43,903**	**24,658**	**157,529**	**7.1**	**21.3**	**11.2**
New Eng	**12,291**	**722**	**1,654**	**921**	**1,623**	**3,346**	**2,546**	**1,479**	**8,995**	**5.9**	**20.9**	**12.0**
Maine	1,097	77	156	85	139	281	224	135	779	7.0	22.0	12.3
N.H.	887	60	125	68	113	251	172	98	634	6.7	21.8	11.1
Vt.	493	34	72	37	66	139	89	56	350	7.0	22.1	11.3
Mass.	5,769	323	763	430	785	1,568	1,189	711	4,253	5.6	20.7	12.3
R.I.	929	53	125	68	121	240	199	123	683	5.7	20.8	13.2
Conn.	3,115	175	412	233	399	867	673	356	2,295	5.6	20.7	11.4
Mid. Atl.	**36,711**	**2,255**	**4,939**	**2,668**	**4,484**	**9,817**	**8,099**	**4,449**	**26,849**	**6.1**	**20.7**	**12.1**
N.Y.	17,648	1,087	2,383	1,281	2,175	4,781	3,827	2,115	12,898	6.2	20.8	12.0
N.J.	7,332	452	1,002	547	878	1,976	1,634	843	5,332	6.2	21.1	11.5
Pa.	11,731	716	1,554	841	1,432	3,060	2,637	1,491	8,620	6.1	20.4	12.7
E. No. Cent.	**41,287**	**2,917**	**5,958**	**3,121**	**5,526**	**11,265**	**8,126**	**4,375**	**29,291**	**7.1**	**22.0**	**10.6**
Ohio	10,731	746	1,546	793	1,427	2,923	2,153	1,142	7,645	7.0	21.8	10.6
Ind.	5,400	393	791	410	716	1,475	1,045	570	3,807	7.3	22.2	10.6
Ill.	11,229	806	1,591	835	1,477	3,044	2,256	1,220	7,997	7.2	21.6	10.9
Mich.	9,207	651	1,377	710	1,266	2,559	1,758	887	6,470	7.1	22.7	9.6
Wis.	4,720	321	654	373	641	1,262	913	556	3,372	6.8	21.8	11.8
W. No. Cent.	**17,118**	**1,213**	**2,322**	**1,291**	**2,286**	**4,524**	**3,321**	**2,161**	**12,292**	**7.1**	**21.1**	**12.6**
Minn.	4,060	285	566	317	561	1,118	743	470	2,892	7.0	21.7	11.6
Iowa	2,902	203	395	224	365	754	580	381	2,080	7.0	21.3	13.1
Mo.	4,867	334	653	356	639	1,294	956	635	3,524	6.9	20.7	13.0
N. Dak.	657	52	91	53	91	161	130	80	462	7.9	21.8	12.1
S. Dak.	689	55	96	54	92	163	139	90	484	8.0	21.8	13.1
Nebr.	1,574	116	214	119	211	408	302	204	1,125	7.3	21.2	13.0
Kans.	2,369	170	307	168	327	626	471	301	1,724	7.2	20.1	12.7
S. Atl.	**34,976**	**2,414**	**4,816**	**2,532**	**4,654**	**9,519**	**6,892**	**4,150**	**25,214**	**6.9**	**21.0**	**11.9**
Del.	582	40	82	43	84	163	114	57	417	6.9	21.4	9.7
Md.	4,148	255	574	319	583	1,208	830	380	3,000	6.1	21.5	9.2
D.C.	656	39	87	43	101	190	123	73	487	6.0	19.7	11.1
Va.	5,197	342	710	387	767	1,488	1,020	483	3,758	6.6	21.1	9.3
W. Va.	1,878	142	263	134	213	494	407	226	1,339	7.5	21.2	12.0
N.C.	5,606	399	807	408	755	1,576	1,091	571	3,992	7.1	21.7	10.2
S.C.	2,932	234	444	228	409	812	537	269	2,026	8.0	22.9	9.2
Ga.	5,117	396	776	385	701	1,451	920	488	3,561	7.7	22.7	9.5
Fla.	8,860	566	1,074	586	1,043	2,137	1,850	1,603	6,633	6.4	18.7	18.1
E. So. Cent.	**14,105**	**1,083**	**2,062**	**1,073**	**1,814**	**3,780**	**2,711**	**1,582**	**9,887**	**7.7**	**22.2**	**11.2**
Ky.	3,527	271	505	265	460	952	680	393	2,485	7.7	21.8	11.2
Tenn.	4,380	313	610	323	552	1,217	872	492	3,134	7.2	21.3	11.2
Ala.	3,769	284	553	288	488	1,003	732	421	2,644	7.5	22.3	11.2
Miss.	2,429	213	394	197	315	608	426	276	1,624	8.8	24.3	11.4
W. So. Cent.	**22,470**	**1,850**	**3,299**	**1,689**	**3,009**	**6,088**	**4,192**	**2,343**	**15,632**	**8.2**	**22.2**	**10.4**
Ark.	2,180	168	307	164	258	562	422	300	1,542	7.7	21.6	13.7
La.	4,018	342	624	328	553	1,066	726	379	2,723	8.5	23.7	9.4
Okla.	2,892	221	390	204	371	773	569	363	2,076	7.7	20.5	12.5
Tex.	13,380	1,119	1,978	993	1,827	3,687	2,475	1,302	9,291	8.4	22.2	9.7
Mt.	**10,673**	**967**	**1,563**	**806**	**1,483**	**2,878**	**1,963**	**1,013**	**7,336**	**9.1**	**22.2**	**9.5**
Mont.	786	63	110	63	103	207	158	83	551	8.0	22.0	10.6
Idaho	905	90	135	68	117	236	169	91	612	9.9	22.4	10.0
Wyo.	450	42	63	34	61	122	92	36	312	9.2	21.5	8.1
Colo.	2,772	217	381	202	411	820	501	239	1,972	7.8	21.0	8.6
N. Mex.	1,241	112	191	103	178	322	227	109	836	9.0	23.7	8.8
Ariz.	2,450	215	356	182	318	694	456	269	1,697	8.8	21.9	11.8
Utah	1,367	174	231	100	201	342	213	106	862	12.8	24.2	7.7
Nev.	702	55	98	54	94	194	147	61	495	7.8	21.6	8.6
Pac.	**30,469**	**2,227**	**4,034**	**2,175**	**4,150**	**8,723**	**6,054**	**3,106**	**22,033**	**7.3**	**20.4**	**10.2**
Wash.	3,926	281	529	286	531	1,138	745	415	2,829	7.2	20.8	10.6
Oreg.	2,527	190	332	177	316	713	504	294	1,828	7.5	20.2	11.6
Calif.	22,694	1,636	2,974	1,609	3,087	6,499	4,574	2,316	16,475	7.2	20.2	10.2
Alaska	406	43	68	35	70	122	58	10	261	10.6	25.3	2.6
Hawaii	915	76	131	67	145	251	174	70	640	8.3	21.7	7.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 875.

No. 36. Black Population, by Age—States: 1976

[**In thousands.** As of **spring.** Resident civilian noninstitutional population. Data from 1976 Survey of Income and Education (SIE). Based on sample and subject to sampling variability; see Appendix III. In some cases, detail will not add to totals shown because of weighting procedures. For State totals, see table 42]

DIVISION AND STATE	Under 5 years	5–14 years	15–24 years	25–44 years	45–64 years	65 yr. and over	DIVISION AND STATE	Under 5 years	5–14 years	15–24 years	25–44 years	45–64 years	65 yr. and over
U.S	**2,368**	**5,369**	**5,067**	**5,735**	**3,957**	**1,798**	**S.A.—Con.**						
							W. Va	–	8	5	6	5	7
N.E	**48**	**107**	**83**	**115**	**62**	**19**	N.C	112	256	274	268	185	106
Maine	(B)	(B)	(B)	(B)	(B)	(B)	S.C	89	212	194	179	137	67
N.H	(B)	(B)	(B)	(B)	(B)	(B)	Ga	128	284	291	307	223	100
Vt	(B)	(B)	(B)	(B)	(B)	(B)	Fla	148	282	287	315	186	97
Mass	21	47	32	56	25	7	**E.S.C**	**271**	**605**	**583**	**555**	**476**	**278**
R.I	3	5	4	6	1	7	Ky	21	64	65	63	53	26
Conn	21	52	44	49	32	10	Tenn	62	147	143	147	114	69
M.A	**356**	**884**	**772**	**1,032**	**726**	**263**	Ala	99	188	200	199	177	91
N.Y	177	483	417	600	425	127	Miss	87	202	173	142	129	91
N.J	82	184	147	209	111	44	**W.S.C**	**299**	**694**	**660**	**645**	**474**	**267**
Pa	96	214	206	222	188	91	Ark	38	76	83	63	56	46
E.N.C	**462**	**948**	**867**	**1,027**	**674**	**232**	La	107	262	226	225	159	85
Ohio	108	209	205	253	170	54	Okla	19	32	39	34	32	19
Ind	32	75	68	88	59	28	Tex	134	321	310	319	225	115
Ill	190	413	345	414	236	85	**Mt**	**28**	**54**	**43**	**62**	**21**	**10**
Mich	114	212	211	235	181	58	Mont	(B)	(B)	(B)	(B)	(B)	(B)
Wis	17	35	32	33	23	4	Idaho	(B)	(B)	(B)	(B)	(B)	(B)
W.N.C	**86**	**178**	**174**	**183**	**122**	**70**	Wyo	(B)	(B)	(B)	(B)	(B)	(B)
Minn	11	14	6	12	3	–	Colo	11	24	19	24	6	2
Iowa	6	6	7	7	4	1	N. Mex	(B)	(B)	(B)	(B)	(B)	(B)
Mo	53	108	121	124	95	52	Ariz	8	13	7	17	5	3
N. Dak	(B)	(B)	(B)	(B)	(B)	(B)	Utah	(B)	(B)	(B)	(B)	(B)	(B)
S. Dak	(B)	(B)	(B)	(B)	(B)	(B)	Nev	4	9	7	10	4	1
Nebr	4	12	10	10	3	3	**Pac**	159	358	390	451	293	114
Kans	10	34	25	26	15	11	Wash	11	7	12	17	13	4
S.A	**655**	**1,534**	**1,488**	**1,656**	**1,100**	**542**	Oreg	4	6	5	7	3	2
Del	7	15	15	18	12	4	Calif	140	338	366	418	275	107
Md	73	208	160	236	112	49	Alaska	(B)	(B)	(B)	(B)	(B)	(B)
D.C	36	96	99	131	95	36	Hawaii	(B)	(B)	(B)	(B)	(B)	(B)
Va	57	165	156	187	137	73							

– Represents zero or rounds to zero. B Not shown; total Black population less than 25,000.

No. 37. Population of Spanish Origin, by Age—States: 1976

[**In thousands.** For State totals, see table 42; See also headnote, table 36]

DIVISION AND STATE	Under 5 years	5–14 years	15–24	25–44 years	45–64 years	65 yr. and over	DIVISION AND STATE	Under 5 years	5–14 years	15–24	25–44 years	45–64 years	65 yr. and over
U.S	**1,383**	**2,797**	**2,143**	**2,933**	**1,460**	**474**	**S.A.—Con.**						
							W. Va	(B)	(B)	(B)	(B)	(B)	(B)
N.E	**24**	**58**	**29**	**52**	**16**	**3**	N.C	(B)	(B)	(B)	(B)	(B)	(B)
Maine	(B)	(B)	(B)	(B)	(B)	(B)	S.C	(B)	(B)	(B)	(B)	(B)	(B)
N.H	(B)	(B)	(B)	(B)	(B)	(B)	Ga	(B)	(B)	(B)	(B)	(B)	(B)
Vt	(B)	(B)	(B)	(B)	(B)	(B)	Fla	43	134	105	170	147	65
Mass	11	31	10	25	6	1	**E.S.C**	**6**	**4**	**7**	**6**	**4**	**1**
R.I	(B)	(B)	(B)	(B)	(B)	(B)	**Ky**	(B)	(B)	(B)	(B)	(B)	(B)
Conn	10	21	15	22	7	2	Tenn	(B)	(B)	(B)	(B)	(B)	(B)
M.A	**217**	**507**	**319**	**571**	**258**	**73**	Ala	(B)	(B)	(B)	(B)	(B)	(B)
N.Y	150	371	230	433	200	53	Miss	(B)	(B)	(B)	(B)	(B)	(B)
N.J	52	92	67	105	48	15	**W.S.C**	**354**	**684**	**558**	**640**	**330**	**121**
Pa	14	43	19	31	9	4	Ark	(B)	(B)	(B)	(B)	(B)	(B)
E.N.C	**115**	**178**	**145**	**188**	**72**	**9**	La	6	19	11	17	16	12
Ohio	17	23	17	18	5	1	Okla	6	9	7	8	3	–
Ind	14	25	14	20	4	1	Tex	340	649	536	610	309	109
Ill	59	100	81	117	47	4	**Mt**	**149**	**296**	**247**	**280**	**151**	**47**
Mich	17	19	23	23	9	1	Mont	(B)	(B)	(B)	(B)	(B)	(B)
Wis	5	7	7	7	2	1	Idaho	4	7	6	6	1	–
W.N.C	**19**	**35**	**27**	**31**	**22**	**2**	Wyo	(B)	(B)	(B)	(B)	(B)	(B)
Minn	(B)	(B)	(B)	(B)	(B)	(B)	Colo	37	68	62	67	31	8
Iowa	(B)	(B)	(B)	(B)	(B)	(B)	N. Mex	42	101	86	101	63	21
Mo	2	4	2	4	8	–	Ariz	49	94	70	82	41	11
N. Dak	(B)	(B)	(B)	(B)	(B)	(B)	Utah	7	9	9	7	4	1
S. Dak	(B)	(B)	(B)	(B)	(B)	(B)	Nev	4	8	6	9	3	1
Nebr	(B)	(B)	(B)	(B)	(B)	(B)							
Kans	6	8	10	8	5	–	**Pac**	**437**	**863**	**678**	**936**	**430**	**146**
S.A	**59**	**164**	**126**	**219**	**171**	**69**	Wash	9	20	17	18	3	2
Del	(B)	(B)	(B)	(B)	(B)	(B)	Oreg	5	12	6	8	4	1
Md	2	5	4	11	3	–	Calif	418	822	647	901	415	140
D.C	(B)	(B)	(B)	(B)	(B)	(B)	Alaska	(B)	(B)	(B)	(B)	(B)	(B)
Va	5	16	3	19	7	1	Hawaii	3	6	4	6	3	1

– Represents zero or rounds to zero. B Not shown; total Spanish-origin population less than 25,000.

Source of tables 36 and 37: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 334.

No. 38. Persons 14 to 24 Years and 25 to 34 Years Old, by Race and Sex: 1960 to 1990

[As of July 1. Includes Armed Forces abroad. 1990 projections are consistent with series II; see table 3. Minus sign (-) denotes decrease]

Age, race, and sex	Persons (million)				Percent of total population				Percent change		
	1960	1970	1979	1990	1960	1970	1979	1990	1960-70	1970-79	1979-90
14 to 24 yr. old	**27.3**	**40.6**	**45.6**	**37.9**	**15.1**	**19.8**	**20.7**	**15.6**	**48.5**	**12.2**	**-16.8**
White	24.0	35.1	38.5	30.9	15.0	19.6	20.2	14.9	46.3	9.5	-19.6
Black	3.1	4.9	6.2	5.7	16.2	21.6	23.8	19.2	59.9	25.7	-7.4
Male	13.8	20.5	23.1	19.2	7.6	10.0	10.5	7.9	49.1	12.3	-16.7
Female	13.6	20.1	22.5	18.7	7.5	9.8	10.2	7.7	47.8	12.2	-16.9
25 to 34 yr. old	**22.9**	**25.3**	**35.0**	**41.1**	**12.7**	**12.3**	**15.9**	**16.9**	**10.4**	**38.5**	**17.3**
White	20.2	22.2	30.3	34.6	12.6	12.4	15.9	16.7	9.6	36.7	14.1
Black	2.4	2.7	3.9	5.3	12.8	12.0	15.0	17.7	12.1	43.2	35.1
Male	11.3	12.5	17.4	20.4	6.3	6.1	7.9	8.4	10.5	39.0	17.4
Female	11.6	12.8	17.6	20.7	6.4	6.2	8.0	8.5	10.2	38.0	17.3

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 311, 519, 704, 721, and 870.

No. 39. Persons 65 Years Old and Over—Characteristics, by Sex: 1960 to 1979

Characteristic	1960		1965		1970		1975		1979	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total[1] (million)	**7.5**	**9.0**	**7.9**	**10.2**	**8.3**	**11.5**	**8.7**	**12.4**	**9.5**	**13.6**
Percent of total population	8.6	9.9	8.4	10.3	8.5	11.1	8.6	11.5	9.1	12.2
White[1] (million)	6.9	8.4	7.3	9.4	7.6	10.6	7.9	11.3	8.6	12.4
Black[1] (million)	.5	.6	.6	.8	.7	.9	.8	1.1	.8	1.1
Age:[2]										
65-69 years (percent)	3.3	3.7	3.1	3.6	3.2	3.7	3.5	4.1	3.6	4.3
70-74 years (percent)	2.5	2.8	2.5	3.0	2.3	3.0	2.4	3.0	2.6	3.4
75-79 years (percent)	1.5	1.9	1.6	2.0	1.6	2.2	1.5	2.2	1.6	2.3
80 years and over (percent)	1.2	1.6	1.3	1.9	1.4	2.3	1.5	2.7	1.6	3.0
Median income:[1 3]										
Family heads (dollars)	2,831		3,376		4,779	4,986	7,469	7,722	10,197	9,513
Unrelated individuals (dollars)	1,006		1,297		2,191	1,777	3,410	2,901	4,893	4,160
Percent below poverty level:[1 4]										
Family heads	29.7	31.5	22.4	27.0	16.6	23.5	7.9	12.3	7.7	12.2
Unrelated individuals	58.5	69.1	49.8	64.8	40.0	49.9	25.8	31.7	20.7	28.8
Percent Distribution										
Marital status:[1]										
Single	7.3	8.5	6.6	7.7	7.5	7.7	4.7	5.8	5.4	6.1
Married	71.7	36.8	71.3	36.0	73.1	35.6	79.3	39.1	77.1	38.5
Spouse present	69.0	35.0	67.9	34.1	69.9	33.9	77.3	37.6	74.6	36.9
Spouse absent	2.7	1.8	3.4	1.9	3.2	1.7	2.0	1.5	2.6	1.6
Widowed	19.4	53.1	19.5	54.4	17.1	54.4	13.6	52.5	14.1	52.2
Divorced	1.7	1.5	2.6	1.9	2.3	2.3	2.5	2.6	3.3	3.3
Family status:[1]										
In families	82.3	67.7	80.3	62.9	79.2	58.5	83.3	59.3	82.3	56.5
Primary individuals	*12.8*	*26.8*	*13.9*	*30.6*	*14.9*	*35.2*	*15.4*	*39.4*	16.0	*42.3*
Secondary individuals	2.4	3.0	2.3	2.2	2.4	1.9	1.2	1.3	1.8	1.1
Residents of institutions[1]	2.5	2.4	3.5	4.3	3.6	4.4	(NA)	(NA)	(NA)	(NA)
Years of school completed:										
8 years or less	72.5	66.4	67.9	61.5	61.5	56.1	52.6	48.0	46.6	42.4
1-3 years of high school	10.4	12.8	10.3	13.8	12.6	13.9	14.0	15.5	15.3	16.1
4 years of high school	7.8	11.6	11.3	14.3	12.5	18.1	16.8	21.8	20.6	25.1
1-3 years of college	4.9	6.1	4.9	5.8	5.6	6.7	7.2	8.4	7.9	8.6
4 years or more of college	4.3	3.2	5.6	4.5	7.9	5.2	9.4	6.3	9.6	7.7
Labor force participation:[5]										
Employed	30.9	9.9	26.8	10.2	26.2	10.0	21.1	7.8	19.0	8.3
Unemployed	1.7	.4	1.3	.4	1.0	.3	1.2	.4	.9	.4
Not in labor force	67.3	89.7	71.9	89.5	72.8	89.7	77.7	91.8	80.1	91.3
Living arrangements:[1]										
Living in household	97.4	97.0	96.2	95.3	95.5	95.0	99.8	99.8	99.8	99.8
Living alone	(NA)	(NA)	13.1	28.6	14.1	33.8	14.8	36.0	15.4	41.1
Spouse present[6]	73.2	36.9	67.9	34.1	69.9	33.9	77.3	37.6	74.6	36.9
Living with someone else	(NA)	(NA)	15.2	32.6	11.5	27.4	7.7	24.2	9.8	21.9
Not in household[7]	2.6	3.0	3.8	4.7	4.5	5.0	.2	.2	.2	.2

NA Not available. [1] Resident population as of March. Beginning 1975, excludes institutional population. [2] Estimated total resident population as of July. [3] Income for preceding year. [4] Poverty status based on income in preceding year. [5] Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. [6] For 1960 and 1965, includes a small number of "spouse present" in group quarters. [7] In institutions and other group quarters.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier reports; series P-23, Nos. 57, 59, and 85; series P-25, No. 800; and series P-60, Nos. 118, 119, and 121.

No. 40. Population, by Ethnic Origin—Selected Characteristics: 1978

[As of **March**. Based on Current Population Survey; sample designed on basis of 1970 census. See text, pp. 1-3. Includes civilian noninstitutional population and members of Armed Forces living off post or with families on post. For definition of median, see Guide to Tabular Presentation]

ORIGIN	Total (1,000)	Males per 100 females	Median age (years)	PERCENT			Number of families (1,000)	Median family income in 1977
				Under 18 years old	65 years and over	High school graduates [1]		
Total	**214,159**	**94.0**	**29.5**	**29.6**	**10.5**	**65.9**	**57,215**	**$16,009**
English [2]	10,892	100.0	42.5	13.6	18.4	76.0	4,033	18,037
French	2,914	91.0	39.2	15.6	14.4	61.9	1,019	15,698
German	15,234	101.9	39.4	15.6	15.9	69.2	5,461	17,850
Irish	8,357	87.9	41.9	13.5	16.4	68.5	2,777	17,686
Italian	6,778	102.4	41.5	15.0	13.9	59.4	2,395	18,211
Polish	3,459	100.0	47.1	10.8	17.2	60.4	1,290	18,867
Russian	1,475	110.1	48.8	8.3	24.6	75.9	539	22,882
Spanish [3]	12,046	94.4	22.1	41.8	4.3	40.8	2,764	11,421
Mexican	7,151	97.4	21.3	43.0	3.7	34.3	1,623	11,742
Puerto Rican	1,823	82.7	20.3	46.0	2.3	36.0	437	7,972
Other	147,158	92.4	26.6	33.8	9.0	67.0	35,249	15,630
Not reported	5,846	97.1	29.5	28.6	9.7	54.0	1,688	13,785

[1] Persons 25 years old and over. [2] Includes Scottish and Welsh.
[3] Includes persons of Central or South American, Cuban, and other Spanish origin, not shown separately.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 339 and unpublished data.

No. 41. Persons of Spanish Origin—Selected Characteristics: 1979

[As of **March**. Persons of Spanish origin may be of any race. See headnote, table 40]

CHARACTERISTIC	Total	Mexican	Puerto Rican	Other [1]
Total (1,000)	**12,079**	**7,326**	**1,748**	**3,005**
Male (1,000)	5,922	3,674	813	1,435
Female (1,000)	6,156	3,651	935	1,571
PERCENT DISTRIBUTION				
Age (in years):				
Under 5	12.6	13.3	13.2	10.3
5-13	20.7	21.5	23.1	17.4
14-17	8.2	8.2	9.6	7.4
18-21	8.5	9.0	8.3	7.1
22-24	5.6	5.8	5.2	5.5
25-34	16.0	16.8	15.0	14.3
35-44	11.3	10.0	11.4	14.4
45-54	8.0	7.2	7.6	9.9
55-64	4.8	4.3	4.1	6.3
65 and over	4.5	3.7	2.5	7.4
Marital status: [2]				
Single	31.0	31.1	35.0	28.7
Married	60.2	61.2	55.9	60.2
Widowed	3.9	3.7	3.5	4.7
Divorced	4.9	4.0	5.6	6.3
Years of school completed: [3]				
Male:				
Less than 5 yr	17.8	24.0	13.1	6.2
High school, 4 or more yr	42.3	36.1	39.0	57.3
College, 4 or more yr	8.2	5.1	5.4	16.1
Female:				
Less than 5 yr	17.5	23.7	15.3	7.3
High school, 4 or more yr	41.7	33.7	38.4	57.6
College, 4 or more yr	5.3	2.8	3.2	10.9
Residence of families:				
Metro. areas (SMSA's) [4]	85.1	80.3	95.8	89.7
Central cities	51.0	45.6	79.2	46.2
Nonmetro. areas	14.9	19.7	4.2	10.3

CHARACTERISTIC	Total	Mexican	Puerto Rican	Other [1]
Persons 16 yr. old and over (1,000)	7,573	4,487	1,027	2,059
In civilian labor force (1,000)	4,795	2,930	514	1,351
Percent of total	63.3	65.3	50.1	65.6
Percent unemployed	8.7	8.4	13.4	7.5
Male:				
Employed (1,000)	2,704	1,724	272	708
Percent distrib'n	100.0	100.0	100.0	100.0
White-collar workers	23.7	19.4	24.9	33.8
Blue-collar workers	58.1	61.3	52.5	52.3
Service workers	13.4	12.9	19.5	12.5
Farm workers	4.7	6.4	3.0	1.4
Female:				
Employed (1,000)	1,677	962	173	542
Percent distrib'n	100.0	100.0	100.0	100.0
White-collar workers	48.3	46.1	56.6	49.6
Blue-collar workers	28.4	28.1	26.4	29.6
Service workers	21.8	23.4	16.1	20.8
Farm workers	1.5	2.4	.9	-
Families, total (1,000)	2,741	1,620	434	687
Percent headed by—				
Husband and wife	76.2	79.8	56.9	80.2
Female [5]	19.8	15.5	40.1	17.0
Family money income, 1978:				
Percent with income of—				
Under $3,000	5.2	5.6	6.4	3.4
$3,000-$5,999	13.9	11.2	31.1	9.6
$6,000-$9,999	18.7	18.5	20.5	17.7
$10,000-$14,999	21.2	22.9	16.0	20.4
$15,000-$19,999	16.7	17.4	12.1	17.8
$20,000-$24,999	10.9	10.8	7.5	13.1
$25,000 and over	13.5	13.5	6.4	17.8
Median income ($1,000)	12.6	12.8	8.3	14.5
Percent below poverty level [6]	20.4	18.6	39.6	12.7
Percent below 125% of poverty level [6]	27.9	27.0	46.7	18.2

- Represents zero. [1] Includes Cuban, Central or South American, and other Spanish origin. [2] Persons 14 years old and over. [3] Persons 25 years old and over. [4] Standard metropolitan statistical areas (243) as defined for the 1970 Census of Population. See Appendix II. [5] No spouse present. [6] For poverty levels, see table 771.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 347, and unpublished data.

No. 42. Resident Population, by Race, 1960 to 1976, and Spanish Origin, 1976—States

[**In thousands, except percent.** **1976** data from Survey of Income and Education, based on sample of the civilian noninstitutional population and subject to sampling variability; see Appendix III. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series A 199-201]

Division and State	Resident Population						Civilian Noninstitutional Population, 1976 (Spring)			Percent Black of Total		
	1960 (April 1)			1970[1] (April 1)								
	White	Black	Other	White	Black	Other	White	Black	Spanish origin[2]	1960	1970	1976
U.S	**158,832**	**18,872**	**1,620**	**178,158**	**22,589**	**2,558**	**183,637**	**24,297**	**11,195**	**10.5**	**11.1**	**11.5**
Regions:												
Northeast	41,522	3,028	127	44,416	4,346	299	43,793	4,476	2,137	6.8	8.9	9.2
No. Cent	48,002	3,446	171	51,717	4,570	306	51,566	5,031	850	6.7	8.1	8.8
South	43,477	11,912	185	50,492	11,973	348	54,536	12,797	3,537	20.6	19.1	18.8
West	25,830	1,085	1,138	31,533	1,699	1,606	33,740	1,992	4,670	3.9	4.9	5.3
N. Eng	**10,242**	**243**	**24**	**11,406**	**389**	**53**	**11,562**	**438**	**187**	**2.3**	**3.3**	**3.6**
Maine	963	3	2	987	3	4	1,049	(B)	(B)	.3	.3	(B)
N.H	604	2	1	733	3	2	812	(B)	(B)	.3	.3	(B)
Vt	389	1	(Z)	443	1	1	467	(B)	(B)	.1	.2	(B)
Mass	5,023	112	14	5,483	176	30	5,518	192	88	2.2	3.1	3.3
R.I	839	18	2	919	25	6	877	25	(B)	2.1	2.7	2.7
Conn	2,424	107	4	2,840	181	11	2,836	213	81	4.2	6.0	6.9
Mid. Atl	**31,280**	**2,785**	**103**	**33,010**	**3,957**	**246**	**32,230**	**4,038**	**1,949**	**8.2**	**10.6**	**11.0**
N.Y	15,287	1,418	78	15,891	2,170	181	15,256	2,234	1,439	8.4	11.9	12.5
N.J	5,539	515	13	6,365	771	35	6,377	782	384	8.5	10.8	10.8
Pa	10,454	853	13	10,753	1,017	31	10,596	1,021	125	7.5	8.6	8.7
E. No. Cent	**33,253**	**2,885**	**87**	**36,216**	**3,872**	**178**	**36,041**	**4,213**	**710**	**8.0**	**9.6**	**10.4**
Ohio	8,910	786	11	9,656	974	27	9,584	1,003	85	8.1	9.1	9.4
Ind	4,389	269	5	4,825	358	13	4,868	355	83	5.8	6.9	6.7
Ill	9,010	1,038	33	9,623	1,420	70	9,189	1,688	412	10.3	12.8	15.4
Mich	7,086	718	20	7,849	992	40	7,989	1,017	96	9.2	11.2	11.2
Wis	3,859	75	18	4,262	128	28	4,409	147	33	1.9	2.9	3.2
W. No. Cent	**14,749**	**561**	**84**	**15.501**	**699**	**128**	**15,524**	**818**	**139**	**3.6**	**4.3**	**5.0**
Minn	3,372	22	20	3,739	35	32	3,790	51	(B)	.7	.9	1.3
Iowa	2,729	25	4	2,785	33	3	2,794	35	(B)	.9	1.2	1.2
Mo	3,923	391	6	4,182	480	16	4,133	555	25	9.0	10.3	11.8
N. Dak	620	1	12	600	2	15	607	(B)	(B)	.1	.4	(B)
S. Dak	653	1	26	631	2	33	644	(B)	(B)	.2	.3	(B)
Nebr	1,375	29	7	1,436	40	10	1,469	47	(B)	2.1	2.7	3.1
Kans	2,079	91	9	2,128	107	15	2,085	125	43	4.2	4.8	5.6
So. Atl	**20,048**	**5,845**	**80**	**24,138**	**6,390**	**151**	**26,260**	**6,979**	**813**	**22.5**	**20.8**	**20.8**
Del	384	61	1	467	78	3	494	77	(B)	13.6	14.9	13.4
Md	2,574	518	8	3,199	700	24	3,166	842	31	16.7	17.8	20.7
D.C	345	412	7	211	538	7	178	497	(B)	53.9	71.1	71.7
Va	3,142	816	8	3,767	862	23	4,072	779	56	20.6	18.5	15.9
W. Va	1,770	89	1	1,674	67	3	1,753	37	(B)	4.8	3.9	2.1
N.C	3,399	1,116	41	3,905	1,127	52	4,045	1,206	(B)	24.5	22.2	22.4
S.C	1,551	829	2	1,796	789	6	1,887	881	(B)	34.8	30.5	31.6
Ga	2,817	1,123	3	3,392	1,187	9	3,539	1,336	(B)	28.5	25.9	27.2
Fla	4,064	880	8	5,726	1,042	23	7,122	1,319	668	17.8	15.3	15.5
E. So. Cent	**9,339**	**2,699**	**12**	**10,211**	**2,572**	**25**	**10,660**	**2,773**	**32**	**22.4**	**20.1**	**20.6**
Ky	2,820	216	2	2,985	231	5	3,062	296	(B)	7.1	7.2	8.8
Tenn	2,978	587	3	3,297	621	7	3,490	687	(B)	16.5	15.8	16.4
Ala	2,284	980	3	2,535	904	6	2,617	959	(B)	30.0	26.2	26.7
Miss	1,258	916	5	1,394	816	7	1,489	829	(B)	42.0	36.8	35.6
W. So. Cent	**14,090**	**2,768**	**93**	**16,143**	**3.011**	**172**	**17,615**	**3,045**	**2,691**	**16.3**	**15.6**	**14.6**
Ark	1,396	389	2	1,567	352	4	1,747	366	(B)	21.8	18.3	17.2
La	2,212	1,039	6	2,547	1,087	11	2,660	1,070	84	31.9	29.8	28.6
Okla	2,108	153	67	2,284	171	104	2,408	179	38	6.6	6.7	6.7
Tex	8,375	1,187	18	9,745	1,401	53	10,799	1,428	2,557	12.4	12.5	11.6
Mt	**6,514**	**123**	**218**	**7,826**	**180**	**284**	**9,184**	**222**	**1,175**	**1.8**	**2.2**	**2.3**
Mont	651	2	23	664	2	29	721	(B)	(B)	.2	.3	(B)
Idaho	657	2	8	700	2	11	814	(B)	27	.2	.3	(B)
Wyo	323	2	5	324	3	6	364	(B)	(B)	.7	.8	(B)
Colo	1,701	40	13	2,120	66	23	2,427	89	278	2.3	3.0	3.5
N. Mex	876	17	58	920	20	77	1,017	(B)	420	1.8	1.9	(B)
Ariz	1,170	43	89	1,615	53	107	2,095	58	349	3.3	3.0	2.6
Utah	874	4	13	1,034	7	19	1,199	(B)	41	.5	.6	(B)
Nev	263	14	8	449	28	12	545	38	35	4.7	5.7	6.3
Pac	**19,316**	**962**	**920**	**23,708**	**1,519**	**1,322**	**24,556**	**1,769**	**3,495**	**4.5**	**5.7**	**6.3**
Wash	2,752	49	53	3,261	71	81	3,338	67	74	1.7	2.1	1.9
Oreg	1,732	18	19	2,035	26	30	2,209	30	40	1.0	1.3	1.3
Calif	14,455	884	378	17,871	1,404	695	18,479	1,648	3,348	5.6	7.0	7.8
Alaska	175	7	45	239	9	54	274	(B)	(B)	3.0	3.0	(B)
Hawaii	202	5	426	301	8	461	254	(B)	27	.8	1.0	(B)

B Not shown; population less than 25,000. Z Fewer than 500. [1] Includes corrections to the census counts through November 1976; therefore, will not agree with table 43. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and *1970*, vol. I; and *Current Population Reports*, series P-23, No. 334.

No. 43. Resident Population, by Sex and Race—States: 1970 and 1976

[**In thousands. 1970,** enumerated population as of **April 1; 1976,** civilian noninstitutional population as of **spring.** See headnote, table 42. See also *Historical Statistics, Colonial Times to 1970,* series A 197–200]

Division and State	1970[1]		1976				Division and State	1970[1]		1976			
			Male		Female					Male		Female	
	Male	Female	White	Black	White	Black		Male	Female	White	Black	White	Black
U.S	**97,469**	**102,860**	**89,458**	**11,438**	**94,178**	**12,859**	**S.A.—Con.**						
							W. Va	843	898	861	15	892	22
N.E	**5,683**	**6,095**	**5,668**	**206**	**5,894**	**231**	N.C	2,462	2,567	1,985	550	2,060	655
Maine	481	507	501	(B)	547	(B)	S.C	1,269	1,315	915	422	971	458
N.H	359	376	399	(B)	413	(B)	Ga	2,225	2,354	1,718	625	1,821	710
Vt	216	226	227	(B)	239	(B)	Fla	3,262	3,500	3,411	644	3,710	675
Mass	2,702	2,952	2,721	91	2,797	100							
R.I	461	480	423	12	454	13	**E.S.C**	**6,198**	**6,575**	**5,175**	**1,333**	**5,484**	**1,439**
Conn	1,463	1,554	1,395	98	1,441	115	Ky	1,576	1,636	1,491	147	1,571	148
							Tenn	1,894	2,022	1,681	313	1,808	374
M.A	**17,688**	**19,189**	**15,521**	**1,801**	**16,709**	**2,237**	Ala	1,658	1,778	1,268	471	1,349	488
N.Y	8,598	9,405	7,260	974	7,996	1,259	Miss	1,072	1,139	734	401	755	428
N.J	3,444	3,677	3,114	348	3,262	433							
Pa	5,646	6,108	5,147	477	5,449	543	**W.S.C**	**9,330**	**9,785**	**8,540**	**1,480**	**9,075**	**1,565**
							Ark	930	988	824	177	923	189
E.N.C	**19,495**	**20,538**	**17,627**	**1,954**	**18,414**	**2,258**	La	1,765	1,864	1,308	523	1,351	547
Ohio	5,147	5,470	4,669	467	4,915	536	Okla	1,194	1,258	1,164	83	1,244	95
Ind	2,524	2,655	2,386	168	2,482	187	Tex	5,441	5,675	5,243	696	5,555	732
Ill	5,348	5,678	4,500	778	4,688	910							
Mich	4,324	4,501	3,898	467	4,090	550	**Mt**	**3,953**	**4,026**	**4,558**	**112**	**4,625**	**110**
Wis	2,152	2,235	2,172	73	2,237	74	Mont	332	332	355	(B)	365	(B)
							Idaho	350	351	408	(B)	405	(B)
W.N.C	**7,892**	**8,288**	**7,567**	**405**	**7,954**	**412**	Wyo	163	162	184	(B)	180	(B)
Minn	1,847	1,924	1,846	27	1,943	23	Colo	1,075	1,103	1,201	44	1,225	45
Iowa	1,369	1,447	1,381	18	1,412	16	N. Mex	463	474	503	(B)	513	(B)
Mo	2,246	2,411	1,991	272	2,142	282	Ariz	816	842	1,038	29	1,056	29
N. Dak	304	298	305	(B)	301	(B)	Utah	513	526	593	(B)	606	(B)
S. Dak	314	319	319	(B)	324	(B)	Nev	242	235	272	19	272	19
Nebr	719	754	707	23	762	24							
Kans	1,093	1,136	1,016	61	1,069	64	**Pac**	**12,373**	**12,720**	**12,033**	**838**	**12,523**	**930**
							Wash	1,651	1,671	1,639	35	1,698	32
S.A	**14,859**	**15,643**	**12,764**	**3,306**	**13,496**	**3,673**	Oreg	1,008	1,051	1,069	15	1,139	14
Del	266	279	242	36	249	40	Calif	9,414	9,747	9,047	775	9,432	873
Md	1,902	1,992	1,552	387	1,613	454	Alaska	135	111	144	(B)	129	(B)
D.C	347	400	84	239	94	258	Hawaii	165	141	132	(B)	122	(B)
Va	2,284	2,339	1,989	384	2,083	395							

B Not shown; total Black population less than 25,000. [1] White and Black only.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and *Current Population Reports,* series P-20, No. 334.

No. 44. Resident Population, by Race and Sex, 1940 to 1970, and by Urban-Rural Residence, 1960 and 1970

[**In thousands.** As of **April 1.** Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series A 91–104]

Race and Sex	1940	1950	1960			1970		
			Total	Urban[1]	Rural[1]	Total	Urban[1]	Rural[1]
Total	**131,669**	**150,697**	**179,323**	**125,268**	**54,054**	**[2]203,212**	**149,325**	**53,887**
White	118,215	134,942	158,832	110,426	48,403	177,749	128,773	48,976
Black	12,866	15,042	18,872	13,808	5,064	22,580	18,367	4,213
Indian	334	343	524	146	378	793	356	437
Japanese	127	142	464	381	83	591	524	68
Chinese	77	118	237	227	11	435	419	16
Other[3]	51	111	394	280	115	1,064	886	177
Male	**66,062**	**74,833**	**88,331**	**60,733**	**27,598**	**98,912**	**71,959**	**26,954**
White	59,449	67,129	78,367	53,631	24,736	86,721	62,210	24,511
Black	6,269	7,299	9,113	6,557	2,556	10,748	8,657	2,091
Indian	171	179	263	72	191	389	172	217
Japanese	72	77	225	184	41	271	240	31
Chinese	57	77	136	129	6	229	220	8
Other[3]	44	73	227	159	68	554	459	95
Female	**65,608**	**75,864**	**90,992**	**64,536**	**26,456**	**104,300**	**77,366**	**26,933**
White	58,766	67,813	80,465	56,797	23,667	91,028	66,563	24,465
Black	6,596	7,744	9,758	7,251	2,508	11,832	9,710	2,122
Indian	163	165	260	74	187	404	184	220
Japanese	55	65	240	197	43	320	283	37
Chinese	20	41	102	97	4	206	199	6
Other[3]	7	38	167	121	47	510	427	82

[1] Based on 1960 urban definition; see text, pp. 2 and 3. [2] See footnote 3, table 1. [3] American Indians, Aleuts, Eskimos, Hawaiians, Koreans, and other races not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1950,* vol. II, part 1, and vol. IV, part 3; *1960* and *1970,* vol. I.

No. 45. Population of Races Other Than White or Black, by States: 1970

[As of April 1. Resident population]

STATE	Indian	Japanese	Chinese	Filipino	All other [1]	STATE	Indian	Japanese	Chinese	Filipino	All other [1]
U.S	792,730	591,290	435,062	343,060	720,520	Mo	5,405	2,382	2,815	2,010	6,222
						Mont	27,130	574	289	236	1,142
Ala	2,443	1,079	626	540	2,179	Nebr	6,624	1,314	551	324	1,902
Alaska	16,276	916	228	1,498	35,786	Nev	7,933	1,087	955	817	2,007
Ariz	95,812	2,394	3,878	1,253	9,271	N.H	361	360	420	157	772
Ark	2,014	587	743	289	1,302						
Calif	91,018	213,280	170,131	138,859	178,671	N.J	4,706	5,681	9,233	5,623	22,721
Colo	8,836	7,831	1,489	1,068	9,272	N. Mex	72,788	940	563	386	5,953
						N.Y	28,355	20,351	81,378	14,279	89,565
Conn	2,222	1,621	2,209	2,177	6,845	N.C	44,406	2,104	1,255	905	5,144
Del	656	359	559	392	1,403	N. Dak	14,369	239	165	204	805
D.C	956	651	2,582	1,662	3,675						
Fla	6,677	4,090	3,133	5,092	9,457	Ohio	6,654	5,555	5,305	3,490	13,539
Ga	2,347	1,836	1,584	1,253	4,164	Okla	98,468	1,408	999	612	5,488
Hawaii	1,126	217,307	52,039	93,915	98,441	Oreg	13,510	6,843	4,814	1,633	6,198
						Pa	5,533	5,461	7,053	4,560	17,056
Idaho	6,687	2,255	498	206	1,989	R.I	1,390	629	1,093	1,761	1,757
Ill	11,413	17,299	14,474	12,654	32,081						
Ind	3,887	2,279	2,115	1,365	6,235	S.C	2,241	826	521	1,222	2,235
Iowa	2,992	1,009	993	614	3,410	S. Dak	32,365	221	163	83	715
Kans	8,672	1,584	1,233	758	5,286	Tenn	2,276	1,160	1,610	846	2,604
Ky	1,531	1,095	558	612	2,351	Texas	17,957	6,537	7,635	3,442	45,026
						Utah	11,273	4,713	1,281	392	3,071
La	5,294	1,123	1,340	1,249	3,970						
Maine	2,195	348	206	453	770	Vt	229	134	173	53	427
Md	4,239	3,733	6,520	5,170	8,370	Va	4,853	3,500	2,805	7,496	6,958
Mass	4,475	4,393	14,012	2,361	10,488	Wash	33,386	20,335	9,201	11,462	12,422
Mich	16,854	5,221	6,407	3,657	18,404	W. Va	751	368	373	722	1,201
Minn	23,128	2,603	2,422	1,456	4,456	Wis	18,924	2,648	2,700	1,209	5,067
Miss	4,113	461	1,441	475	1,369	Wyo	4,980	566	292	108	878

[1] Aleuts, Eskimos, Hawaiians, Koreans, and other races not shown separately.

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

No. 46. Population, by Race, Nativity, and Sex, 1920 to 1970, and by Urban and Rural Residence, 1970

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. In some instances, breakdown does not add to total because data are derived from different tabulations. See *Historical Statistics, Colonial Times to 1970,* series A 105–118 for foreign born and A 135–142 for native born]

RACE, NATIVITY, AND SEX	1920	1930	1940	1950	1960 [1]	1970 [1]		
						Total	Urban	Rural
Total	**105,711**	**122,775**	**131,669**	**150,697**	**179,326**	**203,210**	**149,332**	**53,878**
Native	91,790	108,571	120,074	[1] 139,869	169,588	193,591	140,612	52,979
Percent of total	86.8	88.4	91.2	92.8	94.6	95.3	94.2	98.3
Foreign born	13,921	14,204	11,595	[1] 10,347	9,738	9,619	8,720	899
Percent of total	13.2	11.6	8.8	6.9	5.4	4.7	5.8	1.7
White	94,821	110,287	118,215	134,942	158,838	178,119	129,077	49,042
Native	81,108	96,303	106,796	124,781	149,544	169,385	121,187	48,198
Foreign born	13,713	13,983	11,419	10,161	9,294	8,734	7,890	844
Other races [2]	[1] 10,890	[1] 12,488	13,455	15,755	20,488	25,091	20,255	4,836
Male	**53,900**	**62,137**	**66,062**	**74,833**	**88,303**	**98,882**	**71,939**	**26,942**
Native	(NA)	(NA)	59,940	[1] 68,942	83,543	94,478	(NA)	(NA)
Foreign born	(NA)	(NA)	6,122	[1] 5,258	4,760	4,404	(NA)	(NA)
White	48,431	55,923	59,449	67,129	78,348	86,893	62,352	24,541
Native	40,902	48,420	53,438	61,952	73,840	82,910	58,769	24,141
Foreign born	7,528	7,502	6,011	5,176	4,508	3,983	3,583	399
Other races [2]	[1] 5,470	[1] 6,215	6,613	7,704	9,956	11,989	9,587	2,401
Female	**51,810**	**60,638**	**65,608**	**75,864**	**91,022**	**104,328**	**77,393**	**26,936**
Native	(NA)	(NA)	60,134	[1] 70,927	86,045	99,113	(NA)	(NA)
Foreign born	(NA)	(NA)	5,473	[1] 5,089	4,978	5,216	(NA)	(NA)
White	46,390	54,364	58,766	67,813	80,490	91,226	66,725	24,501
Native	40,206	47,883	53,358	62,828	75,703	86,475	62,419	24,057
Foreign born	6,184	6,481	5,408	4,985	4,786	4,751	4,307	444
Other races [2]	[1] 5,420	[1] 6,274	6,841	8,052	10,533	13,102	10,668	2,435

NA Not available. [1] Based on sample. [2] Blacks, American Indians, Aleuts, Eskimos, Hawaiians, Koreans, and other races not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930,* vol. II, *1950,* vol. II, part 1, and vol. IV, part 3; *1960,* vol. I and vol. II, part 1A; and *1970,* vol. I, part 1C.

No. 47. Native Population, by Place of Birth: 1900 to 1970

[**In thousands, except percent.** 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 1-10]

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

[1] Through 1950, includes Alaska and Hawaii. Includes Puerto Rico, a U.S. possession from 1898 to 1952 and a commonwealth since 1952.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. II, part 2A, and *1970*, vol. I, parts C and D.

No. 48. Foreign Stock, by Country of Origin: 1960 and 1970

[**In thousands, except as indicated.** 1960 based on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 195-295]

COUNTRY OF ORIGIN	1960		1970						
	Total	Percent	Total	Percent	Foreign born	Native of foreign or mixed parentage	Percent high school graduates [1]	Number of families	Median family income [2]
All countries	**34,050**	**100.0**	**33,575**	**100.0**	**9,619**	**23,956**	**48.1**	**11,706**	**$10,719**
United Kingdom	2,885	8.5	2,465	7.3	686	1,779	60.0	810	11,120
Ireland (Eire)	1,773	5.2	1,450	4.3	251	1,199	54.6	506	11,509
Norway	775	2.3	615	1.8	97	517	48.7	238	9,615
Sweden	1,047	3.1	806	2.4	127	679	52.4	326	10,038
Denmark	399	1.2	326	1.0	61	264	52.8	129	9,711
Netherlands	399	1.2	384	1.1	111	273	48.1	141	10,730
Switzerland	263	.8	219	.7	50	169	(NA)	(NA)	(NA)
France	352	1.0	343	1.0	105	238	55.6	95	10,389
Germany [3]	4,321	12.7	3,622	10.8	833	2,789	42.3	1,221	9,505
Poland	2,760	8.2	2,374	7.1	548	1,826	41.4	961	11,767
Czechoslovakia	918	2.7	760	2.3	161	599	42.6	300	10,676
Austria	1,099	3.2	975	2.9	214	761	49.0	389	11,733
Hungary	702	2.1	604	1.8	183	420	48.3	236	11,845
Yugoslavia	449	1.3	447	1.3	154	294	44.6	170	11,388
U.S.S.R.	2,290	6.7	1,943	5.8	463	1,480	60.0	817	13,165
Lithuania	403	1.2	331	1.0	76	255	52.0	133	12,317
Greece	379	1.1	435	1.3	177	257	53.6	154	11,132
Italy	4,544	13.3	4,241	12.6	1,009	3,232	40.1	1,740	11,115
Other Europe	1,173	3.4	1,214	3.6	405	809	(NA)	(NA)	(NA)
Asia [4]	1,142	3.4	1,745	5.2	825	920	(NA)	(NA)	(NA)
Western Asia [5]	335	1.0	399	1.2	174	225	(NA)	(NA)	(NA)
China (incl. Taiwan)	208	.6	339	1.0	172	167	57.5	84	10,683
Japan	322	.9	394	1.2	120	274	68.1	106	12,772
Other Asia	276	.8	613	1.8	358	255	(NA)	(NA)	(NA)
Canada	3,181	9.3	3,035	9.0	812	2,222	54.6	950	10,794
Mexico	1,736	5.1	2,339	7.0	760	1,579	24.1	637	7,263
Cuba	124	.4	561	1.7	439	122	44.6	143	8,728
Other America	456	1.3	963	2.9	605	358	(NA)	(NA)	(NA)
Other [4] and not reported	462	1.4	1,380	4.1	466	914	(NA)	(NA)	(NA)

NA Not available. [1] Persons 25 years old and over. [2] Income received during 1969; for definition of median, see Guide to Tabular Presentation. [3] German Democratic Republic and Federal Republic of Germany. [4] For 1960, United Arab Republic included in Asia; for 1970, in "Other." [5] Includes Turkey in Europe.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and *1970*, vol. I and vol. II, PC(2)-1A.

NO. 49. NATIVITY AND PARENTAGE OF THE FOREIGN STOCK—STATES: 1960 AND 1970

[**In thousands, except percent.** 1960 data based on 25-percent sample; 1970, on 15-percent sample. See source for sampling variability. U.K. = United Kingdom]

DIVISION AND STATE	1960		FOREIGN STOCK, 1970				
	Foreign stock	Percent of U.S. division or State	Total	Percent of U.S. division or State	Foreign born	Native of foreign or mixed parentage	Leading countries of origin and percent of division or State population
U.S	**34,050**	**19.0**	**33,575**	**16.5**	**9,619**	**23,956**	**Italy, 2.1; Germany, 1.8; Canada, 1.5.**
N. Eng	**3,870**	**36.8**	**3,617**	**30.5**	**929**	**2,688**	**Canada, 7.9; Italy, 5.2; U.K., 2.5.**
Maine	226	23.3	193	19.4	43	150	Canada, 13.8; U.K., 1.2; Ireland, .7.
N.H	177	29.2	171	29.2	37	134	Canada, 13.1; U.K., 1.6; Ireland, 1.1.
Vt	86	22.1	81	18.2	18	63	Canada, 10.4; U.K., 1.6; Italy, 1.1.
Mass	2,058	40.0	1,892	33.3	495	1,397	Canada, 8.2; Italy, 5.2; Ireland, 3.8.
R.I	340	39.6	311	32.8	74	237	Italy, 7.7; Canada, 7.0; U.K., 3.6.
Conn	982	38.7	970	32.0	262	708	Italy, 7.5; Canada, 4.2; Poland, 3.4.
Mid. Atl	**11,098**	**32.5**	**10,284**	**27.6**	**3,190**	**7,094**	**Italy, 6.2; Poland, 2.7; Germany, 2.5.**
N.Y	6,487	38.7	5,995	32.9	2,110	3,885	Italy, 7.3; U.S.S.R., 3.1; Poland, 3.1.
N.J	2,109	34.8	2,156	30.1	635	1,521	Italy, 7.2; Germany, 3.1; Poland, 3.0.
Pa	2,502	22.1	2,133	18.1	446	1,687	Italy, 3.8; Poland, 2.1; Germany, 1.7.
E. No. Cent	**7,129**	**19.7**	**6,297**	**15.6**	**1,584**	**4,713**	**Germany, 2.4; Poland, 1.8; Italy, 1.4.**
Ohio	1,491	15.4	1,311	12.3	316	995	Germany, 1.8; Italy, 1.6; Poland 1.1.
Ind	377	8.1	351	6.8	83	268	Germany, 1.2; Poland, .7; U.K., .6.
Ill	2,449	24.3	2,202	19.8	629	1,573	Germany, 2.8; Poland, 2.7; Italy 2.1.
Mich	1,899	24.3	1,684	19.0	424	1,260	Canada, 4.0; Poland, 2.4; Germany, 2.1.
Wis	914	23.1	748	16.9	131	617	Germany, 5.3; Poland, 1.6; Norway, 1.2.
W. No. Cent	**2,425**	**15.8**	**1,951**	**12.0**	**290**	**1,661**	**Germany, 2.9; Norway, 1.2; Sweden, 1.1.**
Minn	875	25.6	707	18.6	98	609	Germany, 3.6; Sweden, 3.0; Norway, 3.0.
Iowa	388	14.1	297	10.5	40	257	Germany, 3.6; Sweden, .7; Norway, .7.
Mo	367	8.5	312	6.7	66	246	Germany, 1.7; Italy, .6; U.K., .5.
N. Dak	190	30.1	146	23.6	18	128	Norway, 6.3; U.S.S.R., 5.4; Germany, 3.4.
S. Dak	142	20.9	109	16.4	11	98	Germany, 4.0; Norway, 2.6; U.S.S.R., 2.1.
Nebr	258	18.3	205	13.8	29	176	Germany, 4.2; Czech., 1.3; Sweden, 1.2.
Kans	206	9.5	175	7.8	28	147	Germany, 1.9; U.S.S.R., .8; U.K., .7.
So. Atl	**1,714**	**6.6**	**2,409**	**7.9**	**879**	**1,530**	**Germany, .9; Cuba, 9; U.K., .8.**
Del	59	13.2	65	11.9	16	49	Italy, 2.2; U.K., 1.5; Poland, 1.3.
Md	372	12.0	454	11.6	124	330	Germany, 1.5; Italy, 1.3; U.S.S.R., 1.2.
D.C	97	12.7	73	9.7	34	39	Germany, .7; U.K., .7; U.S.S.R., .7.
Va	178	4.5	252	5.4	72	180	Germany, .7; U.K., .7; Canada, .5.
W. Va	91	4.9	74	4.2	17	57	Italy, 1.0; U.K., .5; Germany, .4.
N.C	68	1.5	95	1.9	29	66	Germany, .3; U.K., .3; Canada, .2.
S.C	38	1.6	49	1.9	14	35	Germany, .4; U.K., .3; Canada, .2.
Ga	78	2.0	112	2.4	33	79	Germany, .5; U.K., .3; Canada, .2.
Fla	733	14.8	1,236	18.2	540	696	Cuba, 3.7; Germany, 1.8; U.K., 1.7.
E. So. Cent	**218**	**1.8**	**236**	**1.8**	**60**	**176**	**Germany, .4; U.K., .2; Italy, .2.**
Ky	75	2.5	73	2.3	17	56	Germany, .7; U.K., .2; Canada, .1.
Tenn	59	1.7	68	1.7	19	49	Germany, .3; U.K., .2; Canada, .2.
Ala	55	1.7	64	1.9	16	48	Germany, .4; U.K., .3; Italy, .2.
Miss	29	1.3	31	1.4	8	23	Germany, .2; Italy, .2; U.K., .2.
W. So. Cent	**1,329**	**7.8**	**1,469**	**7.6**	**378**	**1,091**	**Mexico, 3.7; Germany, .8; U.K., .4.**
Ark	34	1.9	37	1.9	8	29	Germany, .5; U.K., .2; Canada, .2.
La	124	3.8	140	3.8	40	100	Italy, .8; Germany, .4; U.K., .3.
Okla	89	3.8	93	3.6	20	73	Germany, .8; U.K., .4; Canada, .3.
Tex	1,082	11.3	1,199	10.7	310	889	Mexico, 6.4; Germany, .9; U.K., .4.
Mt	**1,046**	**15.3**	**1,098**	**13.3**	**246**	**852**	**Mexico, 2.4; Germany, 1.6; U.K., 1.4.**
Mont	150	22.2	122	17.6	20	102	Canada, 3.0; Germany, 2.2; Norway, 2.1.
Idaho	83	12.4	74	10.4	13	61	Canada, 1.5; U.K., 1.5; Germany, 1.4.
Wyo	48	14.5	38	11.4	7	31	Germany, 1.7; U.K., 1.6; Canada, .9.
Colo	261	14.9	280	12.7	60	220	Germany, 2.0; U.S.S.R., 1.2; U.K., 1.2.
N. Mex	79	8.3	89	8.8	23	66	Mexico, 3.7; Germany, .7; U.K., .6.
Ariz	236	18.1	297	16.8	77	220	Mexico, 6.4; Canada, 1.5; Germany, 1.4.
Utah	139	15.6	132	12.5	30	102	U.K., 2.7; Germany, 1.3; Canada, 1.1.
Nev	50	17.5	68	13.9	18	50	Italy, 1.6; Canada, 1.6; Germany, 1.4.
Pac	**5,222**	**24.6**	**6,214**	**23.4**	**2,064**	**4,150**	**Mexico, 4.3; Canada, 2.4; Germany, 1.8.**
Wash	654	22.9	638	18.7	156	482	Canada, 4.0; Germany, 2.1; U.K., 1.8.
Oreg	301	17.0	295	14.1	66	229	Canada, 2.5; Germany, 1.9; U.K., 1.4.
Calif	3,994	25.4	4,992	25.0	1,758	3,234	Mexico, 5.6; Canada, 2.2; U.K., 1.9.
Alaska	31	13.7	33	11.0	8	25	Canada, 2.2; Germany, 1.2; U.K., 1.0.
Hawaii	243	88.4	257	33.4	76	181	Japan, 13.7; China, 2.7; Canada, .8.

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

NO. 50. LANGUAGES OTHER THAN ENGLISH SPOKEN BY PERSONS 4 YEARS OLD AND OVER: 1976

[Refers to civilian noninstitutional population. Data from 1976 Survey of Income and Education. Based on a sample and subject to sampling variability; see Appendix III]

LANGUAGE SPOKEN	Persons 4 years old and over (1,000)	USUAL LANGUAGE		Second language, number[2] (1,000)	LANGUAGE SPOKEN	Persons 4 years old and over (1,000)	USUAL LANGUAGE		Second language, number[2] (1,000)
		Number (1,000)	Difficulty with English[1] (percent)				Number (1,000)	Difficulty with English[1] (percent)	
Total	**199,310**	(X)	(X)	(X)	Polish	544	135	34.1	408
Speaking language other than English[2]	15,354	6,389	42.1	8,965	Chinese	432	245	45.7	187
Spanish	7,755	3,848	46.3	3,906	Greek	343	139	38.1	204
Italian	1,196	374	43.6	822	Filipino	315	129	17.8	186
French	874	229	23.1	645	Portuguese	307	157	53.5	150
German	844	150	10.7	694	Japanese	233	89	62.9	145
					Korean	127	73	72.6	54
					All other	2,384	821	30.7	1,564

X Not applicable. [1] Persons who reported they spoke English not well or not at all.
[2] Persons who reported speaking a language other than English as a usual or a second language.

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

NO. 51. MARITAL STATUS OF THE POPULATION, BY SEX: 1940 TO 1979

[**1940–1960, persons 14 years old and over; thereafter, 18 and over.** As of **March,** except as noted. Prior to 1960, excludes Alaska and Hawaii. Beginning **1950,** based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, p. 1. See *Historical Statistics, Colonial Times to 1970,* series A 160–171, for decennial data]

SEX AND MARITAL STATUS	1940[1]	1950	1960	1965	1970	1975	1976	1977	1978	1979
Total (million)	**101.1**	**111.7**	**125.5**	**121.8**	**132.5**	**143.2**	**145.8**	**148.3**	**150.7**	**153.3**
Single (million)	31.5	25.5	27.7	18.2	21.4	25.1	26.2	27.5	29.1	30.6
Married (million)	60.3	74.9	84.4	89.2	95.0	99.7	100.6	100.8	101.0	101.5
Widowed (million)	7.8	9.3	10.6	10.9	11.8	11.9	11.8	11.9	12.0	12.4
Divorced (million)	1.4	2.1	2.9	3.5	4.3	6.5	7.2	8.0	8.6	8.8
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	31.2	22.8	22.0	14.9	16.2	17.5	18.0	18.5	19.3	20.0
Married	59.6	67.0	67.3	73.2	71.7	69.6	69.0	68.0	67.0	66.2
Widowed	7.8	8.3	8.4	9.0	8.9	8.3	8.1	8.0	8.0	8.1
Divorced	1.4	1.9	2.3	2.9	3.2	4.6	4.9	5.4	5.7	5.8
Males, total (million)	**50.6**	**54.8**	**60.6**	**58.0**	**62.5**	**67.9**	**69.1**	**70.3**	**71.5**	**72.7**
Single (million)	17.6	14.3	15.4	10.3	11.8	14.1	14.7	15.4	16.1	17.0
Married (million)	30.2	37.2	41.8	44.2	47.1	49.4	49.8	49.9	50.1	50.3
Widowed (million)	2.1	2.3	2.3	2.1	2.1	1.8	1.8	1.9	1.9	1.9
Divorced (million)	.6	.9	1.1	1.4	1.6	2.5	2.8	3.2	3.4	3.5
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	34.8	26.2	25.3	17.7	18.9	20.8	21.2	21.9	22.5	23.3
Married	59.7	68.0	69.1	76.2	75.3	72.8	72.2	70.9	70.1	69.2
Widowed	4.2	4.2	3.7	3.7	3.3	2.7	2.6	2.7	2.7	2.7
Divorced	1.2	1.7	1.9	2.5	2.5	3.7	4.0	4.5	4.8	4.8
Standardized for age:[2]										
Single	30.7	26.2	25.3	16.4	16.5	16.6	16.7	17.2	17.9	18.6
Married	62.6	67.4	69.1	77.5	77.6	76.6	76.2	75.1	74.3	73.5
Widowed	5.4	4.7	3.7	3.6	3.3	2.8	2.7	2.8	2.8	2.8
Divorced	1.3	1.7	1.9	2.5	2.6	4.0	4.3	4.8	5.0	5.1
Females, total (million)	**50.5**	**57.0**	**64.9**	**63.8**	**70.0**	**75.3**	**76.7**	**77.9**	**79.3**	**80.6**
Single (million)	13.9	11.1	12.3	7.9	9.6	11.0	11.5	12.2	13.0	13.6
Married (million)	30.1	37.6	42.6	45.0	47.9	50.3	50.8	50.9	50.9	51.2
Widowed (million)	5.7	7.0	8.3	8.8	9.7	10.1	10.0	10.0	10.1	10.4
Divorced (million)	.8	1.2	1.7	2.1	2.7	4.0	4.4	4.9	5.3	5.4
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	27.6	19.6	19.0	12.4	13.7	14.6	15.0	15.6	16.4	16.9
Married	59.5	66.1	65.6	70.5	68.5	66.7	66.2	65.3	64.2	63.5
Widowed	11.3	12.2	12.8	13.8	13.9	13.4	13.1	12.9	12.7	13.0
Divorced	1.6	2.2	2.6	3.3	3.9	5.3	5.7	6.2	6.7	6.6
Standardized for age:[2]										
Single	24.2	20.0	19.0	11.6	12.1	12.4	12.6	13.1	13.8	14.3
Married	59.3	63.9	65.6	71.8	70.8	69.2	68.9	68.0	67.0	66.3
Widowed	14.8	14.0	12.8	13.3	13.0	12.8	12.4	12.2	12.1	12.3
Divorced	1.6	2.1	2.6	3.3	4.1	5.6	6.1	6.7	7.1	7.1

[1] As of April. [2] 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950,* vol. II, part 1, and *Current Population Reports,* series P–20, No. 349, and earlier issues.

No. 52. Marital Status of the Black Population: 1960 to 1979

[**1960 and 1965, persons 14 years old and over; thereafter, 18 and over. 1960** as of **April,** based on 25-percent sample; other years, as of **March,** and based on Current Population Survey. See headnote, table 53]

Sex and year	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Total: 1960	12,088	3,078	7,461	1,174	376	100.0	25.5	61.7	9.7	3.1
1965	13,273	3,601	7,996	1,194	482	100.0	27.1	60.2	9.0	3.6
1970	12,972	2,668	8,310	1,427	567	100.0	20.6	64.1	11.0	4.4
1975	14,262	3,449	8,373	1,521	920	100.0	24.2	58.7	10.7	6.5
1976	14,668	3,743	8,458	1,452	1,017	100.0	25.5	57.7	9.9	6.9
1977	15,076	4,002	8,476	1,497	1,101	100.0	26.5	56.2	9.9	7.3
1978	15,414	4,434	8,255	1,451	1,273	100.0	28.8	53.6	9.4	8.3
1979	15,728	4,673	8,175	1,597	1,283	100.0	29.7	52.0	10.2	8.2
Male: 1960	5,713	1,692	3,619	264	139	100.0	29.6	63.3	4.6	2.4
1965	6,211	1,980	3,795	245	191	100.0	31.9	61.1	3.9	3.1
1970	5,898	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
1975	6,368	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
1976	6,560	1,861	4,042	271	386	100.0	28.4	61.6	4.1	5.9
1977	6,756	2,039	4,024	327	367	100.0	30.2	59.6	4.8	5.4
1978	6,894	2,160	3,970	285	478	100.0	31.3	57.6	4.1	6.9
1979	6,987	2,283	3,893	310	501	100.0	32.7	55.7	4.4	7.2
Female: 1960	6,375	1,386	3,842	910	237	100.0	21.7	60.3	14.3	3.7
1965	7,062	1,621	4,201	949	291	100.0	23.0	59.5	13.4	4.1
1970	7,074	1,233	4,366	1,120	355	100.0	17.4	61.7	15.8	5.0
1975	7,894	1,716	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
1976	8,108	1,882	4,416	1,181	631	100.0	23.2	54.5	14.6	7.8
1977	8,320	1,963	4,452	1,170	734	100.0	23.6	53.5	14.1	8.8
1978	8,520	2,274	4,285	1,166	795	100.0	26.7	50.3	13.7	9.3
1979	8,741	2,390	4,282	1,287	782	100.0	27.3	49.0	14.7	8.9

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960,* PC(2)1C, *Nonwhite Population by Race:* and *Current Population Reports,* series P-20, No. 349, and earlier issues.

No. 53. Marital Status of the Spanish-Origin Population: 1970 to 1979

[**Persons 14 years old and over. 1970** as of **April;** other years as of **March** and based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces. See text, p. 1]

Sex, year, and ethnic origin	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Total: 1970	5,872	1,718	3,666	287	201	100.0	29.3	62.4	4.9	3.4
1975	7,264	2,293	4,378	298	296	100.0	31.6	60.3	4.1	4.1
1976	7,192	2,203	4,358	297	335	100.0	30.6	60.6	4.1	4.7
1977	7,448	2,252	4,502	318	376	100.0	30.2	60.4	4.3	5.0
1978	8,060	2,513	4,827	311	410	100.0	31.2	59.9	3.9	5.1
1979	8,058	2,498	4,852	317	391	100.0	31.0	60.2	3.9	4.9
Male: 1970	2,838	914	1,801	56	67	100.0	32.2	63.5	2.0	2.3
1975	3,520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
1976	3,415	1,197	2,065	55	99	100.0	35.0	60.5	1.6	2.9
1977	3,526	1,182	2,151	66	126	100.0	33.5	61.0	1.9	3.6
1978	3,848	1,342	2,323	51	133	100.0	34.9	60.4	1.3	3.5
1979	3,880	1,351	2,337	56	135	100.0	34.8	60.2	1.4	3.5
Mexican	2,383	810	1,451	38	84	100.0	34.0	60.9	1.6	3.5
Puerto Rican	476	187	273	7	9	100.0	39.2	57.4	1.4	1.9
Cuban	325	109	205	2	9	100.0	33.4	63.1	.7	2.7
Central or South America	256	79	172	1	5	100.0	30.7	67.2	.4	1.8
Other	439	168	235	8	29	100.0	38.1	53.5	1.7	6.6
Female: 1970	3,033	804	1,864	231	134	100.0	26.5	61.5	7.6	4.4
1975	3,744	1,016	2,275	256	198	100.0	27.1	60.8	6.8	5.3
1976	3,777	1,006	2,293	242	236	100.0	26.6	60.7	6.4	6.3
1977	3,922	1,070	2,350	252	250	100.0	27.3	59.9	6.4	6.4
1978	4,212	1,171	2,504	260	277	100.0	27.8	59.4	6.2	6.6
1979	4,178	1,146	2,515	261	256	100.0	27.4	60.2	6.3	6.1
Mexican	2,391	674	1470	139	109	100.0	28.2	61.5	5.8	4.5
Puerto Rican	636	203	349	32	53	100.0	31.9	54.8	5.0	8.4
Cuban	322	62	201	34	25	100.0	19.2	62.5	10.5	7.8
Central or South America	333	85	203	15	30	100.0	25.4	61.1	4.4	9.1
Other	495	123	291	42	39	100.0	24.8	58.8	8.6	7.8

Source: U.S. Bureau of the Census, *Census of Population, 1970,* PC(2)1C, *Persons of Spanish Origin,* and *Current Population Reports,* series P-20, No. 349, and earlier issues.

NO. 54. MARITAL STATUS OF THE POPULATION, BY SEX AND AGE: 1979

[**In thousands of persons 18 years old and over, except percent.** As of **March.** Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 1. See *Historical Statistics, Colonial Times to 1970*, series A 160-71, for decennial census data]

SEX AND AGE	Total	Single	Married	Widowed	Divorced	PERCENT DISTRIBUTION				
						Total	Single	Married	Widowed	Divorced
Male	**72,716**	**16,970**	**50,329**	**1,945**	**3,471**	**100.0**	**23.3**	**69.2**	**2.7**	**4.8**
18–19 years	4,017	3,813	199	–	5	100.0	94.9	5.0	–	.1
20–24 years	9,713	6,545	3,002	–	166	100.0	67.4	30.9	–	1.7
25–29 years	8,812	2,661	5,650	16	485	100.0	30.2	64.1	.2	5.5
30–34 years	7,907	1,180	6,136	16	575	100.0	14.9	77.6	.2	7.3
35–44 years	11,940	988	10,081	41	830	100.0	8.3	84.4	.3	7.0
45–54 years	11,036	761	9,447	194	633	100.0	6.9	85.6	1.8	5.7
55–64 years	9,744	510	8,449	328	458	100.0	5.2	86.7	3.4	4.7
65–74 years	6,385	358	5,188	591	248	100.0	5.6	81.3	9.3	3.9
75 years and over	3,163	154	2,178	759	71	100.0	4.9	68.9	24.0	2.2
Female	**80,629**	**13,644**	**51,181**	**10,449**	**5,355**	**100.0**	**16.9**	**63.5**	**13.0**	**6.6**
18–19 years	*4,184*	*3,475*	*673*	–	*36*	*100.0*	*83.1*	*16.1*	–	.9
20–24 years	10,136	5,003	4,793	15	326	100.0	49.4	47.3	.1	3.2
25–29 years	9,128	1,789	6,582	41	715	100.0	19.6	72.1	.4	7.8
30–34 years	8,206	777	6,528	66	835	100.0	9.5	79.6	.8	10.2
35–44 years	12,671	747	10,335	275	1,314	100.0	5.9	81.6	2.2	10.4
45–54 years	11,790	520	9,402	895	972	100.0	4.4	79.7	7.6	8.2
55–64 years	10,887	504	7,629	2,045	709	100.0	4.6	70.1	18.8	6.5
65–74 years	8,382	504	4,090	3,454	335	100.0	6.0	48.8	41.2	4.0
75 years and over	5,245	324	1,150	3,656	113	100.0	6.2	21.9	69.7	2.2

– Represents zero or rounds to zero.

NO. 55. MARITAL STATUS, BY HOUSEHOLD HEADSHIP, AGE, AND SEX: 1979

[**In thousands, except percent.** Persons 14 years old and over. As of **March.** Based on Current Population Survey; see text, p. 1 and Appendix III]

ITEM	Total[1]	MALE					FEMALE				
		Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and *over*	Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and *over*
All households	169,586	80,969	9,713	28,658	20,780	9,548	88,617	10,136	30,005	22,677	13,627
Household heads[2]	77,330	57,342	4,122	24,541	19,487	8,837	19,987	1,613	5,783	5,382	6,958
Single	8,974	4,538	1,276	2,078	670	323	4,436	1,186	1,812	618	592
Married, spouse present	47,662	47,662	2,688	20,628	17,152	7,037	(x)	(x)	(x)	(x)	(x)
Not household head	92,256	23,627	5,591	4,117	1,293	711	68,630	8,523	24,222	17,295	6,669
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Household heads[2]	45.6	70.8	42.4	85.6	93.8	92.6	22.6	15.9	19.3	23.7	51.1
Single	5.3	5.6	13.1	7.3	3.2	3.4	5.0	11.7	6.0	2.7	4.3
Married, spouse present	28.1	58.9	27.7	72.0	82.5	73.7	(x)	(x)	(x)	(x)	(x)
Not household head	54.4	29.2	57.6	14.4	6.2	7.4	77.4	84.1	80.7	76.3	48.9

X Not applicable. [1] Includes 14–19 year olds. [2] Includes other marital status not shown separately.

Source of tables 54 and 55: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349.

NO. 56. SINGLE (NEVER-MARRIED) PERSONS 18 YEARS OLD AND OVER AS PERCENT OF TOTAL POPULATION, BY AGE AND SEX: 1960 TO 1979

[**1960,** as of **April;** thereafter based on Current Population Survey as of **March.** See headnote, table 53]

AGE	MALE					FEMALE				
	1960	**1970**	**1975**	**1978**	**1979**	**1960**	**1970**	**1975**	**1978**	**1979**
Total	**17.3**	**18.9**	**20.8**	**22.5**	**23.3**	**11.9**	**13.7**	**14.6**	**16.4**	**16.9**
18 years	94.6	95.1	96.8	96.8	97.3	75.6	82.0	83.7	86.4	87.3
19 years	87.1	89.9	89.3	91.5	92.6	59.7	68.8	71.4	76.2	78.9
20–24 years	53.1	54.7	59.9	65.8	67.4	28.4	35.8	40.3	47.6	49.4
25–29 years	20.8	19.1	22.3	27.8	30.2	10.5	10.5	13.8	18.0	19.6
30–34 years	11.9	9.4	11.1	12.8	14.9	6.9	6.2	7.5	8.4	9.5
35–39 years	8.8	7.2	8.6	7.4	8.2	6.1	5.4	5.0	6.1	6.6
40–44 years	7.3	6.3	7.2	7.9	8.4	6.1	4.9	4.8	4.6	5.1
45–54 years	7.4	7.5	6.3	6.8	6.9	7.0	4.9	4.6	4.4	4.4
55–64 years	8.0	7.8	6.5	5.4	5.2	8.0	6.8	5.1	4.8	4.6
65 years and over	7.7	7.5	4.7	5.4	5.4	8.5	7.7	5.8	6.2	6.1

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 287, 306, 338, and 349.

No. 57. Interracial Married Couples: 1970 and 1977

[As of **March**]

ITEM	1970 (1,000)	1977 (1,000)	Percent change, 1970–1977	ITEM	1970 (1,000)	1977 (1,000)	Percent change, 1970–1977
Total married couples	**44,597**	**48,002**	**7.6**	Other interracial married couples	245	296	20.8
Interracial married couples	310	421	35.8	Husband Black	8	20	150.0
All Black-White married couples	65	125	92.3	Wife Black	4	2	–50.0
Husband Black, wife White	41	95	131.7	Husband White	139	177	27.3
Wife Black, husband White	24	30	25.0	Wife White	94	97	3.2

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

No. 58. Primary (Unrelated) Individuals, by Marital Status: 1970 to 1979

[**In thousands of persons 14 years old and over.** "Married" represents spouse absent. Based on Current Population Survey as of March; see headnote, table 53]

MARITAL STATUS	1970	1975	1979				MARITAL STATUS	1970	1975	1979			
			Total	Under 35 yr.	35–64 yr.	65 yr. and over				Total	Under 35 yr.	35–64 yr.	65 yr. and over
Males	**4,062**	**5,912**	**8,064**	**3,783**	**2,756**	**1,525**	**Females**	**7,883**	**9,645**	**11,767**	**2,494**	**3,509**	**5,764**
Single	1,765	2,746	4,000	2,821	915	263	Single	1,608	2,161	3,101	1,953	692	456
Married	545	764	986	304	507	174	Married	516	590	626	176	318	132
Widowed	996	1,112	1,169	12	267	888	Widowed	4,915	5,679	6,369	14	1,494	4,861
Divorced	756	1,291	1,910	644	1,066	200	Divorced	844	1,215	1,671	351	1,005	314

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 349, and earlier issues.

No. 59. Nonfamily Households, by Age of Householder and Presence of Nonrelatives: 1970 and 1979

ITEM	NONFAMILY HOUSEHOLDER		MALE HOUSEHOLDERS (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Number (1,000)	Percent	Total	14–24 yr.	25–44 yr.	45–64 yr.	65 and over	Total	14–24 yr.	25–44 yr.	45–64 yr.	65 and over
1970 (April), total	**12,430**	**100.0**	**4,629**	**571**	**1,346**	**1,395**	**1,318**	**7,801**	**512**	**815**	**2,577**	**3,897**
1-person (living alone)	11,115	89.4	3,965	345	1,134	1,263	1,224	7,150	328	695	2,421	3,706
2-persons	991	8.0	488	144	163	104	77	504	126	94	127	157
Sharing with opposite sex	327	2.6	174	21	43	59	51	153	8	17	64	64
3-or-more persons	324	2.6	177	83	48	29	17	147	58	26	29	34
1979 (Mar.), total	**19,831**	**100.0**	**8,064**	**1,472**	**3,321**	**1,746**	**1,525**	**11,767**	**1,131**	**1,957**	**2,915**	**5,764**
1-person (living alone)	17,201	86.7	6,464	870	2,563	1,558	1,472	10,738	751	1,597	2,796	5,595
2-persons	2,098	10.6	1,225	454	591	138	42	873	330	290	102	151
Sharing with opposite sex	985	5.0	644	192	333	82	37	341	82	134	49	76
3-or-more persons	532	2.7	375	148	167	50	11	156	50	70	17	18

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, part 4B, and *Current Population Reports*, series P-20, No. 349.

No. 60. Unmarried Couples by Presence of Children, 1970 and 1979, and Percent of Unmarried Couples, by Marital Status of Partners, 1979

[An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household]

CHARACTERISTIC	1970	1979	MARITAL STATUS OF MALE PARTNER	MARITAL STATUS OF FEMALE PARTNER, 1979			
				All unmarried couples	Never married	Divorced	Widowed	Married, husband absent
All unmarried couples (1,000)	**523**	**1,346**	**All unmarried couples**	**100.0**	**52.3**	**27.7**	**11.4**	**8.6**
Percent of all couple arrangements	1.1	2.7	Never married	50.2	35.5	9.2	2.9	2.6
			Divorced	32.3	12.0	14.6	4.1	1.6
No children present (1,000)	327	985	Widowed	5.2	.4	.8	2.9	.9
Children present (1,000)	196	360	Married, wife absent	12.2	4.2	3.1	1.5	3.3

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349.

No. 61. Households, by Race of Householder, and Population Per Household: 1930 to 1979

[Prior to **1960,** excludes Alaska and Hawaii. Data for **1930–1970** are for census dates. Thereafter, based on Current Population Survey; see headnote, table 62. For definition of household, see text, p. 3. See also *Historical Statistics, Colonial Times to 1970,* series A 288, A 304, and A 320-322]

ITEM	1930 (Apr.)	1940 (Apr.)	1950 (Apr.)	1960 (Apr.)	1970 (Apr.)	1975 (Mar.)	1977 (Mar.)	1978 (Mar.)	1979 (Mar.)
All households (1,000)	**29,905**	**34,949**	**42,857**	**53,021**	**63,450**	**71,120**	**74,142**	**76,030**	**77,330**
Average annual change since prior year shown (1,000)	[1]542	504	791	1,016	1,043	[2]1,560	[2]1,546	[2]1,589	1,557
Percent[3]	2.02	1.56	2.06	2.15	1.80	[2]2.32	[2]2.25	[2]2.29	[2]2.22
Population per household[4]	4.11	3.77	3.52	3.38	3.20	2.99	2.91	2.81	2.78
White households (1,000)	26,983	31,680	[5]39,044	47,868	56,529	62,945	65,353	66,934	68,028
Percent of total	90.2	90.6	91.2	90.3	89.1	88.5	88.1	88.0	88.0
Black households (1,000)	2,804	3,142	[5]3,633	5,153	6,180	7,262	7,776	7,977	8,066
Other-race households (1,000)	118	127	[5]149		741	913	1,013	1,118	1,236

[1] Average change from 1920. [2] Average annual change since 1970.
[3] Computed using the formula for continuous compounding; see Guide to Tabular Presentation.
[4] Obtained by dividing resident population by number of households; hence, not strictly average size of household because resident population includes members of group quarters. See table 1 for population 1930–1970; table 51 for population thereafter. [5] Occupied housing units from U.S. Census of Housing reports.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930, 1950,* and *1970;* and *Current Population Reports,* series P-20, No. 345, and earlier issues.

No. 62. Households, Families, Subfamilies, Married Couples, and Unrelated Individuals: 1950 to 1979

[**In thousands, except as indicated.** As of **March,** except as noted. Prior to **1960,** excludes Alaska and Hawaii. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, pp. 1, 2. Minus sign (–) denotes decrease. For definition of terms, see text, pp. 3, 4. See also *Historical Statistics, Colonial Times to 1970,* series A 288–319]

TYPE OF UNIT	1950	1955[1]	1960	1965[2]	1970[2]	1975	1978	1979	PERCENT CHANGE 1960–1970	PERCENT CHANGE 1970–1979
Households	**43,554**	**47,874**	**52,799**	**57,436**	**63,401**	**71,120**	**76,030**	**77,330**	**20.1**	**22.0**
Primary families	38,838	41,732	44,905	47,838	51,456	55,563	56,958	57,498	14.6	11.7
Primary individuals	4,716	6,142	7,895	9,598	11,945	15,557	19,071	19,831	51.3	66.0
Avg. size of household	3.37	3.33	3.33	3.29	3.14	2.94	2.81	2.78	(X)	(X)
Families	**39,303**	**41,951**	**45,111**	**47,956**	**51,586**	**55,712**	**57,215**	**57,804**	**14.4**	**12.1**
Married couple	34,440	36,378	39,329	41,749	44,755	46,971	47,385	47,692	13.8	6.6
Other male head	1,184	1,339	1,275	1,181	1,239	1,499	1,594	1,655	–2.8	33.6
Female head	3,679	4,234	4,507	5,026	5,591	7,242	8,236	8,458	24.1	51.3
Primary families	38,838	41,732	44,905	47,838	51,456	55,563	56,958	57,498	14.6	11.7
Married couple	34,075	36,251	39,254	41,689	44,728	46,951	47,357	47,662	13.9	6.6
Other male head	1,169	1,328	1,228	1,167	1,228	1,485	1,564	1,616	–	31.6
Female head	3,594	4,153	4,422	4,982	5,500	7,127	8,037	8,220	24.4	49.5
Secondary families	465	219	207	118	130	149	257	306	–37.2	135.4
Married couple	365	127	75	60	27	20	28	30	–64.0	(B)
Other male head	15	11	47	14	11	14	30	39	(B)	(B)
Female head	85	81	85	44	91	115	199	236	7.1	161.5
Avg. size of family	3.54	3.59	3.67	3.70	3.58	3.42	3.33	3.31	(X)	(X)
White families	(NA)	3.55	3.61	3.64	3.52	3.36	3.28	3.25	(X)	(X)
Black families[3]	(NA)	4.14	4.39	4.37	4.13	3.90	3.77	3.74	(X)	(X)
Subfamilies	**2,402**	**1,973**	**1,514**	**1,293**	**1,150**	**1,349**	**1,093**	**1,056**	**–24.0**	**–8.2**
Married couple	1,651	1,178	871	729	617	576	536	566	–29.2	–8.3
Other male head	113	69	115	72	48	69	81	59	–58.3	(B)
Female head	638	726	528	492	484	705	476	431	–8.3	–11.0
Married couples	**36,091**	**37,556**	**40,200**	**42,478**	**45,373**	**47,547**	**47,920**	**48,258**	**12.9**	**6.4**
With own household	34,075	36,251	39,254	41,689	44,728	46,951	47,357	47,662	13.9	6.6
Without own household	2,016	1,305	946	789	645	596	563	596	–31.8	–7.6
Percent without	5.6	3.5	2.4	1.9	1.4	1.3	1.2	1.2	(X)	(X)
Unrelated individuals	**9,136**	**9,891**	**11,092**	**12,333**	**14,988**	**19,100**	**23,402**	**24,864**	**35.1**	**65.9**
Primary individuals	4,716	6,142	7,895	9,598	11,945	15,557	19,071	19,831	51.3	66.0
Male	1,668	2,059	2,716	3,277	4,063	5,912	7,811	8,064	49.6	98.5
Female	3,048	4,083	5,179	6,321	7,882	9,645	11,261	11,767	52.2	49.3
Secondary individuals	4,420	3,749	3,198	2,735	3,043	3,543	4,330	5,033	–4.8	65.4
Male	2,541	2,128	1,746	1,432	1,631	2,087	2,358	2,769	–6.6	69.8
Female	1,879	1,621	1,451	1,303	1,412	1,456	1,973	2,264	–2.7	60.3

– Represents zero. B Not shown; base less than 75,000. NA Not available. X Not applicable.
[1] As of April. [2] Data revised using population controls based on the 1970 census; therefore, figures do not agree with tables 64 and 66. (The latter use population controls based on the 1960 census.) These data were not revised by race or other characteristics. [3] Through 1965, data are for races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 345, and earlier issues.

No. 63. Household Characteristics, by Race and Spanish Origin: 1979

[As of **March**. Based on Current Population Survey; see headnote, table 62. Persons of Spanish origin may be of any race. For composition of regions, see fig. I, inside front cover]

Characteristic	All households			Black households			Spanish-origin households		
	Number (1,000)	Percent	Persons per household	Number (1,000)	Percent	Persons per household	Number (1,000)	Percent	Persons per household
Total	**77,330**	**100.0**	**2.78**	**8,066**	**100.0**	**3.10**	**3,291**	**100.0**	**3.45**
Northeast	17,227	22.3	2.81	1,571	19.5	3.02	667	20.3	3.19
North Central	20,551	26.6	2.79	1,684	20.9	3.01	288	8.7	3.62
South	24,738	32.0	2.82	3,999	49.6	3.25	1,010	30.7	3.58
West	14,813	19.2	2.68	812	10.1	2.70	1,326	40.3	3.44
Nonfarm	74,934	96.9	2.77	7,969	98.8	3.09	3,269	99.3	3.44
Farm	2,396	3.1	3.12	97	1.2	3.67	22	.7	(B)
In metropolitan areas (SMSA's)[1]	52,799	68.3	2.75	6,310	78.2	3.02	2,823	85.8	3.39
In central cities	23,363	30.2	2.58	4,753	58.9	2.97	1,724	52.4	3.30
Outside central cities	29,436	38.1	2.89	1,558	19.3	3.17	1,100	33.4	3.53
One million population or more	30,102	38.9	2.74	4,111	51.0	2.98	1,837	55.8	3.33
In central cities	12,363	16.0	2.56	3,105	38.5	2.94	1,091	33.2	3.22
Outside central cities	17,740	22.9	2.86	1,006	12.5	3.09	746	22.7	3.50
Under 1 million population	22,697	29.4	2.77	2,199	27.3	3.10	987	30.0	3.50
In central cities	11,000	14.2	2.60	1,648	20.4	3.03	633	19.2	3.45
Outside central cities	11,696	15.1	2.94	552	6.8	3.32	354	10.8	3.59
Outside metropolitan areas	24,531	31.7	2.85	1,756	21.8	3.38	467	14.2	3.83
Nonfarm	22,587	29.2	2.82	1,673	20.7	3.35	448	13.6	3.81
Farm	1,944	2.5	3.13	83	1.0	3.79	20	.6	(B)
Relationship to householder:									
All members related	73,715	95.3	2.77	7,555	93.7	3.07	3,100	94.2	3.46
All members unrelated	2,630	3.4	2.43	310	3.8	2.67	117	3.6	2.60
Some members unrelated	985	1.3	4.53	201	2.5	4.89	73	2.2	(B)
Marital status:									
Male householder	57,342	74.2	3.07	4,504	55.8	3.29	2,506	76.2	3.69
Married, wife present	47,662	61.6	3.38	3,240	40.2	3.90	2,084	63.3	4.05
Married, wife absent	1,233	1.6	1.64	319	4.0	1.70	87	2.6	2.06
Separated	920	1.2	1.65	283	3.5	1.72	45	1.4	(B)
Other	313	.4	1.62	36	.4	(B)	42	1.3	(B)
Widowed	1,551	2.0	1.54	202	2.5	1.80	41	1.3	(B)
Divorced	2,359	3.1	1.58	269	3.3	1.76	91	2.8	1.82
Single (never married)	4,538	5.9	1.54	474	5.9	1.71	203	6.2	1.90
Female householder	19,987	25.8	1.96	3,562	44.2	2.85	784	23.8	2.67
Married, husband absent	2,352	3.0	2.93	852	10.6	3.50	221	6.7	3.37
Separated	1,934	2.5	3.05	784	9.7	3.57	191	5.8	3.47
Other	418	.5	2.36	68	.8	(B)	30	.9	(B)
Widowed	8,821	11.4	1.60	1,064	13.2	2.43	169	5.1	2.25
Divorced	4,379	5.7	2.37	670	8.3	2.94	195	5.9	2.59
Single (never married)	4,436	5.7	1.76	977	12.1	2.68	199	6.1	2.34
Age of householder:									
14–24 years	6,342	8.2	2.24	738	9.1	2.55	426	12.9	2.57
25–34 years	16,996	22.0	2.99	1,969	24.4	3.17	963	29.3	3.53
35–44 years	13,328	17.2	3.83	1,515	18.8	3.87	727	22.1	4.32
45–54 years	12,585	16.3	3.33	1,389	17.2	3.50	525	15.9	3.85
55–64 years	12,284	15.9	2.40	1,128	14.0	2.93	325	9.9	2.91
65 years and over	15,795	20.4	1.76	1,328	16.5	2.13	324	9.9	2.39
Size of household:									
One person	17,201	22.2	1.00	1,917	23.8	1.00	454	13.8	1.00
Two persons	23,928	30.9	2.00	1,892	23.5	2.00	706	21.5	2.00
Three persons	13,392	17.3	3.00	1,475	18.3	3.00	666	20.3	3.00
Four persons	12,274	15.9	4.00	1,266	15.7	4.00	637	19.4	4.00
Five persons	6,187	8.0	5.00	713	8.8	5.00	395	12.0	5.00
Six persons	2,573	3.3	6.00	367	4.6	6.00	213	6.5	6.00
Seven persons or more	1,774	2.3	7.72	437	5.4	8.10	218	6.6	7.72
Employment status:									
In labor force	56,240	72.7	3.05	5,377	66.7	3.24	2,546	77.4	3.61
Civilian labor force	55,490	71.8	3.05	5,295	65.6	3.24	2,517	76.5	3.62
Employed	53,271	68.9	3.05	4,844	60.1	3.26	2,360	71.7	3.62
Unemployed	2,219	2.9	2.95	451	5.6	3.00	157	4.8	3.54
Not in labor force	21,090	27.3	2.07	2,689	33.3	2.82	745	22.6	2.91
Employed	53,271	68.9	3.05	4,844	60.1	3.26	2,360	71.7	3.62
White-collar	26,160	33.8	2.89	1,510	18.7	2.90	670	20.4	3.17
Blue-collar	20,508	26.5	3.32	2,132	26.4	3.64	1,266	38.5	3.88
Farm workers	1,651	2.1	3.29	107	1.3	3.89	95	2.9	4.66
Service workers	4,952	6.4	2.75	1,095	13.6	2.97	329	10.0	3.23

B Base less than 75,000. [1] 243 standard metropolitan statistical areas as of the 1970 census.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 121 and series P-20, No. 352.

NO. 64. HOUSEHOLDS, BY NUMBER OF PERSONS: 1950 TO 1979

[**In millions, except percent.** As of **March.** Based on Current Population Survey; see headnote, table 62. See also *Historical Statistics, Colonial Times to 1970,* series A. 335-349]

SIZE OF HOUSEHOLD	1950[1,2]	1955[2]	1960[2]	1965[2]	1970[2]	1974	1975	1976	1977	1978	1979
Total	**43.5**	**47.8**	**52.6**	**57.3**	**62.9**	**69.9**	**71.1**	**72.9**	**74.1**	**76.0**	**77.3**
1 person	4.7	5.2	6.9	8.6	10.7	13.4	13.9	15.0	15.5	16.7	17.2
Male	1.8	1.7	2.3	2.9	3.5	4.7	4.9	5.4	5.6	6.4	6.5
Female	3.0	3.5	4.6	5.7	7.2	8.6	9.0	9.6	9.9	10.4	10.7
2 persons	12.5	13.6	14.6	16.1	18.1	21.5	21.8	22.3	22.8	23.3	23.9
3 persons	9.8	9.7	9.9	10.2	10.9	11.9	12.4	12.5	12.8	13.0	13.4
4 persons	7.7	9.1	9.3	9.2	9.9	10.9	11.1	11.4	11.6	12.0	12.3
5 persons	4.4	5.3	6.1	6.3	6.5	6.5	6.4	6.3	6.3	6.4	6.2
6 persons	2.2	2.6	3.0	3.3	3.5	3.1	3.1	3.0	2.9	2.7	2.6
7 or more	2.1	2.3	2.9	3.5	3.2	2.7	2.5	2.4	2.3	1.9	1.8
Percent of total:											
1 person	10.9	10.9	13.1	15.0	17.0	19.1	19.6	20.6	20.9	22.0	22.2
2 persons	28.8	28.5	27.8	28.1	28.8	30.8	30.6	30.6	30.7	30.7	30.9
3 persons	22.6	20.4	18.9	17.9	17.3	17.1	17.4	17.2	17.3	17.2	17.3
4 persons	17.8	18.9	17.6	16.1	15.8	15.6	15.6	15.7	15.7	15.7	15.9
5 persons	10.0	11.1	11.5	11.0	10.4	9.3	9.0	8.6	8.5	8.4	8.0
6 persons	5.1	5.4	5.7	5.8	5.6	4.4	4.3	4.1	3.9	3.6	3.3
7 or more	4.9	4.9	5.4	6.1	5.1	3.8	3.5	3.2	3.1	2.5	2.3

[1] Covers related persons only; therefore, not strictly comparable with later years. [2] See footnote 2, table 62.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 352, and earlier issues.

NO. 65. HOUSEHOLDS, FAMILIES, AND INDIVIDUALS—PROJECTIONS: 1980 TO 1995

[**In thousands.** As of **July 1.** Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, pp. 3 and 4, for definitions of households and families. Series B assumes that the trends in marital status and household proportions observed over the period 1964 to 1978 will continue to 1995. Series A and Series D are based on weighted averages of the Series B proportions and the 1978 observed proportions. Series C uses a short term trend (1974-1978) to project to 1980 and a long term trend (1966-1980) to project from 1980 to 1995. Series K assumes that the levels of proportions observed in 1978 will continue to 1995. For additional explanation, see source]

YEAR AND SERIES	HOUSEHOLDS						All families	Unrelated individuals[2]
	Total	Family			Nonfamily			
		Married couple	Male householder[1]	Female householder[1]	Male householder	Female householder		
1980:								
Series A	80,135	48,873	1,669	8,698	8,759	12,137	59,430	25,136
Series B	79,870	48,968	1,657	8,611	8,613	12,022	59,440	24,863
Series C	79,704	48,245	1,601	8,648	8,878	12,332	58,707	25,551
Series D	79,349	49,159	1,634	8,438	8,323	11,795	59,447	24,319
Series K	79,092	49,254	1,623	8,353	8,180	11,682	59,452	24,048
1985:								
Series A	89,705	51,785	1,956	10,448	11,268	14,248	64,343	29,966
Series B	88,565	52,147	1,908	10,071	10,651	13,788	64,299	28,888
Series C	88,514	50,959	1,849	10,270	11,212	14,223	63,262	30,182
Series D	86,393	52,880	1,815	9,349	9,463	12,885	64,257	26,746
Series K	85,362	53,251	1,770	9,006	8,892	12,443	64,260	25,686
1990:								
Series A	98,950	54,107	2,282	12,325	13,894	16,342	68,816	34,466
Series B	96,653	54,731	2,185	11,572	12,689	15,477	68,619	32,516
Series C	96,792	53,075	2,121	11,984	13,591	16,020	67,325	34,423
Series D	92,394	56,005	2,001	10,172	10,418	13,798	68,374	28,620
Series K	90,438	56,655	1,914	9,526	9,355	12,987	68,327	26,695
1995:								
Series A	107,528	55,814	2,657	14,184	16,492	18,381	72,709	38,515
Series B	103,856	56,651	2,494	12,997	14,628	17,085	72,234	35,742
Series C	104,194	54,534	2,412	13,665	15,865	17,718	70,715	38,216
Series D	97,180	58,376	2,192	10,847	11,178	14,588	71,590	30,121
Series K	94,192	59,263	2,051	9,885	9,600	13,393	71,424	27,326

[1] No spouse present. [2] Includes nonfamily householders, shown separately, and secondary individuals (14 years old and over), not shown separately; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 805.

NO. 66. HOUSEHOLDS AND FAMILIES, BY TYPE OF HOUSEHOLDER: 1960 TO 1979

[As of **March**. Based on Current Population Survey; see headnote, table 62. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

TYPE OF HOUSEHOLDER	NUMBER (1,000)					PERCENT				
	1960	1965[1]	1970[1]	1975	1979	1960	1965[1]	1970[1]	1975	1979
Households, total	52,799	57,251	62,874	71,120	77,330	(x)	(x)	(x)	(x)	(x)
White	47,665	51,441	56,248	62,945	68,028	100.0	100.0	100.0	100.0	100.0
Married couple	36,175	38,132	40,781	42,951	43,613	76.2	74.1	72.5	68.2	64.1
Male householder [2]	3,365	3,839	4,367	6,295	8,252	6.8	7.5	7.8	10.0	12.1
Female householder [2]	8,125	9,470	11,099	13,700	16,163	17.0	18.4	19.7	21.8	23.8
Black and other	5,134	5,808	6,626	8,175	9,302	100.0	100.0	100.0	100.0	100.0
Married couple	3,079	3,455	3,627	4,000	4,049	60.3	59.5	54.7	48.9	43.5
Male householder [2]	579	599	813	1,103	1,428	11.0	10.3	12.3	13.5	15.4
Female householder [2]	1,476	1,754	2,187	3,073	3,824	28.7	30.2	33.0	37.6	41.1
Families, total	45,111	47,836	51,237	55,712	57,804	(x)	(x)	(x)	(x)	(x)
White	40,869	43,081	46,022	49,451	50,910	100.0	100.0	100.0	100.0	100.0
Married couple	36,212	38,171	40,802	42,969	43,636	88.7	88.6	88.7	86.9	85.7
Male householder [2]	1,100	1,028	1,036	1,270	1,355	2.6	2.4	2.3	2.6	2.7
Female householder [2]	3,557	3,882	4,185	5,212	5,918	8.7	9.0	9.1	10.5	11.6
Black and other	4,242	4,752	5,215	6,262	6,894	100.0	100.0	100.0	100.0	100.0
Married couple	3,117	3,474	3,634	4,002	4,056	73.6	73.1	69.7	63.9	58.8
Male householder [2]	175	153	185	230	300	4.0	3.2	3.5	3.7	4.4
Female householder [2]	950	1,125	1,395	2,030	2,540	22.4	23.7	26.7	32.4	36.8

X Not applicable. [1] See footnote 2, table 62. [2] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 352, forthcoming report, and earlier issues.

NO. 67. PERCENT DISTRIBUTION OF FAMILIES, BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD: 1950 TO 1979

[As of **March**, except **1955** as of **April**. Prior to 1960, excludes Alaska and Hawaii. Based on Current Population Survey; see headnote, table 62. See also *Historical Statistics, Colonial Times to 1970*, series A 353-358]

NUMBER OF CHILDREN	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
All families (1,000)	38,453	41,951	45,147	47,956	51,586	55,712	56,245	56,710	57,215	57,804
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	48.4	44.7	43.1	43.4	44.1	46.0	46.3	46.8	46.9	47.5
1 child	21.0	19.1	18.4	17.7	18.2	19.7	19.7	19.6	20.3	20.6
2 children	16.5	18.7	18.0	16.8	17.4	18.0	18.3	18.9	19.0	19.0
3 children	4.2	9.9	20.5	11.0	10.6	9.3	9.3	9.0	8.8	8.5
4 or more children		7.6		11.1	9.8	6.9	6.3	5.7	5.0	4.5
Black families (1,000)	[1] 3,432	(NA)	[1] 4,262	(NA)	4,887	5,498	5,586	5,804	5,806	5,906
Percent distribution	100.0	(NA)	100.0	(NA)	100.0	100.0	100.0	100.0	100.0	100.0
No children	51.7	(NA)	43.8	(NA)	38.9	36.8	37.8	38.2	37.3	37.5
1 child	16.6	(NA)	15.6	(NA)	17.6	22.0	22.3	21.5	23.3	23.5
2 children	11.4	(NA)	12.8	(NA)	14.8	17.0	16.5	17.6	18.6	19.5
3 children	20.3	(NA)	27.9	(NA)	10.1	10.6	10.9	11.2	10.9	10.8
4 or more children		(NA)		(NA)	18.5	13.6	12.4	11.5	9.9	8.8

NA Not available. [1] Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1950* and *1960*, and *Current Population Reports*, series P-20, No. 352, and earlier issues.

NO. 68. HOUSEHOLDS, BY SELECTED CHARACTERISTICS OF HOUSEHOLDER: 1968 TO 1979

[As of **March**. Based on Current Population Survey; see headnote, table 62]

CHARACTERISTIC	1968	1970	1973	1974	1975	1976	1977	1978	1979
Total (million)	60.8	63.4	68.3	69.9	71.1	72.9	74.1	76.0	77.3
PERCENT DISTRIBUTION									
Male	79.6	78.9	77.4	77.1	76.4	75.8	75.4	74.6	74.2
Female	20.4	21.1	22.6	22.9	23.6	24.2	24.6	25.4	25.8
White	89.6	89.5	88.8	88.7	88.5	88.4	88.1	88.0	88.0
Black and other	10.4	10.5	11.2	11.3	11.5	11.6	11.9	12.0	12.0
Age of householder (years):									
14-24	6.3	6.8	8.0	8.4	8.2	8.1	8.1	8.2	8.2
25-34	17.5	18.5	19.9	20.5	21.0	21.3	21.8	22.1	22.0
35-44	19.7	18.6	17.2	16.8	16.7	16.8	16.8	17.1	17.2
45-54	19.8	19.5	18.8	18.5	18.2	17.6	17.4	16.6	16.3
55-64	17.1	17.1	16.4	16.0	15.9	16.0	15.9	16.0	15.9
65 and over	19.5	19.5	19.7	19.9	20.1	20.3	20.0	20.0	20.4

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 120, and earlier issues.

No. 69. Households—States: 1950 to 1978

[1950 through 1970, as of April 1; 1975 and 1978, estimated as of July 1. For definition of household, see text, p. 3. For composition of regions, see fig. I, inside front cover]

Division and State	Total households: Number (1,000)				Total households: Percent change		Total households: Average annual percent change [1]			Married-couple households (1,000)			
	1960	1970	1975	1978	1960-1970	1970-1978	1950-1960	1960-1970	1970-1978	1960	1970	1975	1978
U.S.	**53,021**	**63,450**	**71,535**	**76,473**	**19.7**	**20.5**	**2.1**	**1.8**	**2.3**	**39,210**	**44,062**	**47,187**	**47,631**
Regions:													
Northeast	13,521	15,482	16,723	17,350	14.5	12.1	1.8	1.4	1.4	9,829	10,487	10,783	10,568
No. Cent	15,377	17,537	19,165	20,207	14.0	15.2	1.7	1.3	1.7	11,593	12,451	12,974	12,969
South	15,503	19,258	22,487	24,303	24.2	26.2	2.0	2.2	2.8	11,595	13,573	15,075	15,459
West	8,619	11,172	13,160	14,613	29.6	30.8	3.4	2.6	3.3	6,193	7,551	8,355	8,635
N. Eng	**3,116**	**3,645**	**4,044**	**4,259**	**17.0**	**16.8**	**1.7**	**1.6**	**1.9**	**2,277**	**2,511**	**2,663**	**2,658**
Maine	280	303	347	371	8.2	22.5	1.0	.8	2.5	209	215	237	242
N.H	180	225	267	298	25.0	32.2	1.5	2.2	3.4	134	162	184	196
Vt	111	132	153	164	18.9	24.2	.7	1.8	2.6	82	93	104	106
Mass	1,535	1,760	1,936	2,020	14.7	14.8	1.6	1.4	1.7	1,096	1,176	1,234	1,214
R.I	257	292	312	326	13.6	11.7	1.3	1.3	1.3	186	200	204	203
Conn	753	933	1,029	1,080	23.9	15.7	2.8	2.2	1.8	571	665	700	697
Mid. Atl	**10,405**	**11,837**	**12,679**	**13,091**	**13.8**	**10.6**	**1.9**	**1.3**	**1.2**	**7,552**	**7,976**	**8,120**	**7,910**
N.Y	5,248	5,914	6,268	6,441	12.7	8.9	1.9	1.2	1.0	3,690	3,838	3,840	3,689
N.J	1,806	2,218	2,416	2,520	22.8	13.6	2.7	2.1	1.5	1,374	1,573	1,637	1,623
Pa	3,351	3,705	3,995	4,130	10.6	11.5	1.4	1.0	1.3	2,487	2,565	2,643	2,598
E. No. Cent	**10,710**	**12,382**	**13,489**	**14,187**	**15.6**	**14.6**	**1.9**	**1.5**	**1.6**	**8,107**	**8,804**	**9,133**	**9,096**
Ohio	2,852	3,289	3,550	3,709	15.3	12.8	2.1	1.4	1.5	2,178	2,354	2,424	2,404
Ind	1,388	1,609	1,759	1,849	15.9	14.9	1.7	1.5	1.7	1,068	1,174	1,227	1,228
Ill	3,085	3,502	3,753	3,929	13.5	12.2	1.8	1.3	1.4	2,254	2,405	2,442	2,405
Mich	2,239	2,653	2,933	3,102	18.5	16.9	2.2	1.7	1.9	1,730	1,915	2,012	2,015
Wis	1,146	1,329	1,494	1,598	16.0	20.3	1.7	1.5	2.2	877	956	1,028	1,044
W. No. Cent	**4,668**	**5,155**	**5,676**	**6,020**	**10.4**	**16.8**	**1.2**	**1.0**	**1.9**	**3,486**	**3,647**	**3,841**	**3,873**
Minn	992	1,154	1,292	1,386	16.3	20.1	1.6	1.5	2.2	742	821	877	891
Iowa	841	896	979	1,027	6.5	14.6	.7	.6	1.6	638	645	676	678
Mo	1,360	1,521	1,652	1,748	11.8	15.0	1.3	1.1	1.7	987	1,050	1,088	1,093
N. Dak	173	182	204	217	5.2	19.5	.7	.5	2.2	133	132	143	145
S. Dak	195	201	223	235	3.1	17.0	.6	.3	1.9	148	144	154	155
Nebr	433	474	528	556	9.5	17.4	.9	.9	1.9	327	335	357	357
Kans	673	727	798	851	8.0	17.0	1.4	.8	1.9	511	520	546	554
So. Atl	**7,268**	**9,439**	**11,227**	**12,076**	**29.9**	**27.9**	**2.7**	**2.6**	**3.0**	**5,410**	**6,595**	**7,451**	**7,583**
Del	129	165	188	199	27.9	20.7	3.5	2.5	2.3	98	118	127	127
Md	863	1,175	1,335	1,416	36.2	20.5	3.0	3.1	2.3	661	833	897	895
D.C	252	263	272	275	4.4	4.7	1.2	.4	.6	131	113	105	93
Va	1,074	1,391	1,615	1,749	29.5	25.8	2.4	2.6	2.8	814	997	1,099	1,122
W. Va	521	547	605	643	5.0	17.5	(Z)	.5	2.0	394	389	415	425
N.C	1,205	1,510	1,756	1,877	25.3	24.3	1.9	2.3	2.6	933	1,098	1,218	1,240
S.C	604	734	872	944	21.5	28.5	1.6	2.0	3.0	451	522	588	606
Ga	1,070	1,369	1,580	1,698	27.9	24.0	1.8	2.5	2.6	803	964	1,053	1,069
Fla	1,550	2,285	3,004	3,275	47.4	43.3	6.3	3.9	4.4	1,125	1,561	1,949	2,006
E. So. Cent	**3,307**	**3,868**	**4,377**	**4,690**	**17.0**	**21.3**	**1.0**	**1.6**	**2.3**	**2,507**	**2,763**	**2,992**	**3,067**
Ky	852	984	1,107	1,179	15.5	19.9	.9	1.4	2.2	651	710	769	785
Tenn	1,003	1,213	1,382	1,494	20.9	23.1	1.4	1.9	2.5	768	874	950	980
Ala	884	1,034	1,167	1,252	17.0	21.1	1.2	1.6	2.3	669	737	795	817
Miss	568	637	721	765	12.1	20.1	.2	1.1	2.2	419	442	478	485
W. So. Cent	**4,928**	**5,952**	**6,883**	**7,537**	**20.8**	**26.6**	**1.8**	**1.9**	**2.9**	**3,679**	**4,215**	**4,632**	**4,809**
Ark	524	615	716	765	17.4	24.3	(Z)	1.6	2.6	392	438	491	502
La	892	1,052	1,189	1,288	17.9	22.4	2.1	1.6	2.5	649	725	778	800
Okla	735	851	962	1,051	15.8	23.5	1.0	1.5	2.6	540	596	642	667
Tex	2,778	3,434	4,016	4,433	23.6	24.1	2.4	2.1	3.1	2,098	2,456	2,721	2,840
Mt	**1,976**	**2,518**	**3,154**	**3,522**	**27.4**	**39.9**	**3.1**	**2.4**	**4.1**	**1,489**	**1,805**	**2,139**	**2,246**
Mont	202	217	253	278	7.4	27.9	1.4	.7	3.0	147	152	169	176
Idaho	194	219	264	293	12.9	33.8	1.4	1.2	3.5	151	163	189	200
Wyo	99	105	126	147	6.1	40.5	1.6	.5	4.1	75	76	88	98
Colo	529	691	863	955	30.6	38.2	3.0	2.7	3.9	390	484	570	588
N. Mex	251	289	357	397	15.1	37.2	3.5	1.4	3.8	195	209	242	254
Ariz	367	539	726	813	46.9	50.8	5.6	3.9	5.0	276	386	492	517
Utah	242	298	358	396	23.1	32.9	2.5	2.1	3.4	190	226	259	272
Nev	92	160	207	243	73.9	51.8	6.0	5.6	5.1	65	109	130	141
Pac	**6,644**	**8,654**	**10,006**	**11,091**	**30.3**	**28.2**	**3.5**	**2.6**	**3.0**	**4,704**	**5,746**	**6,216**	**6,387**
Wash	894	1,106	1,252	1,392	23.7	25.9	1.9	2.1	2.8	648	768	820	853
Oreg	558	692	814	907	24.0	31.1	1.5	2.1	3.3	413	486	542	569
Calif	4,981	6,574	7,584	8,401	32.0	27.8	4.0	2.8	3.0	3,488	4,284	4,609	4,715
Alaska	57	79	104	119	38.6	50.5	6.1	3.2	5.0	43	60	74	79
Hawaii	153	203	252	272	32.7	33.9	3.1	2.8	3.5	112	148	171	173

Z Less than .05 percent. [1] Computed using the formula for continuous compounding; see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 807, and earlier issues.

No. 70. Families, by Characteristics: 1960 to 1979

[As of **March**. Based on Current Population Survey; includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text p. 1. For definition of families, see text, p. 4]

Characteristic	All families		Married couple		Male householder [1]		Female householder [1]		Families of other than white persons	
	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent
1960	45,111	100.0	39,329	100.0	1,275	100.0	4,507	100.0	(NA)	(NA)
1965	47,956	100.0	41,749	100.0	1,181	100.0	5,026	100.0	(NA)	(NA)
1970	51,586	100.0	44,755	100.0	1,239	100.0	5,591	100.0	5,324	100.0
1975	55,712	100.0	46,971	100.0	1,499	100.0	7,242	100.0	6,262	100.0
1977	56,710	100.0	47,497	100.0	1,500	100.0	7,713	100.0	6,627	100.0
1978	57,215	100.0	47,385	100.0	1,594	100.0	8,236	100.0	6,685	100.0
1979, total	**57,804**	**100.0**	**47,692**	**100.0**	**1,655**	**100.0**	**8,458**	**100.0**	**6,894**	**100.0**
White	50,910	88.1	43,636	91.5	1,355	81.9	5,918	70.0	(X)	(X)
Black and other	6,894	11.9	4,056	8.5	300	18.1	2,540	30.0	6,894	100.0
Size of family:										
2 persons	22,485	38.9	17,554	36.8	1,025	62.0	3,906	46.2	2,055	29.8
3 persons	12,975	22.4	10,313	21.6	376	22.7	2,287	27.0	1,615	23.4
4 persons	12,037	20.8	10,696	22.4	132	8.0	1,209	14.3	1,464	21.2
5 persons	6,089	10.5	5,431	11.4	61	3.7	596	7.0	857	12.4
6 persons	2,524	4.4	2,245	4.7	33	2.0	246	2.9	404	5.9
7 or more persons	1,694	2.9	1,453	3.0	27	1.6	214	2.5	499	7.2
Own children under age 18:										
None	27,433	47.5	23,178	48.6	1,085	65.6	3,170	37.5	2,579	37.4
1	11,882	20.6	9,204	19.3	318	19.2	2,360	27.9	1,586	23.0
2	11,005	19.0	9,136	19.2	168	10.2	1,701	20.1	1,380	20.0
3	4,913	8.5	4,067	8.5	64	3.9	782	9.2	762	11.1
4 or more	2,571	4.5	2,107	4.4	19	1.2	445	5.3	586	8.5
Own children under age 6:										
None	44,801	77.5	36,748	77.1	1,521	91.9	6,532	77.2	4,942	71.7
1	9,053	15.7	7,475	15.7	107	6.5	1,471	17.4	1,375	19.9
2	3,449	6.0	3,039	6.4	26	1.6	384	4.5	465	6.7
3 or more	501	.9	430	.9	–	–	71	.9	111	1.6

– Represents zero or rounds to zero. NA Not available X Not applicable. [1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 326, 340, 352 and earlier issues.

No. 71. Persons in Families and Unrelated Individuals, by Sex, Age, and Type of Family: 1960 to 1979

[**In millions, except percent.** Based on Current Population Survey as of **March**; see headnote, table 70]

Year and age	Persons in families								Unrelated individuals		
	Total	Percent of all persons	Male	Female	Married-couple families	Female householder [1]		Male householder [1]	Total	Male	Female
						Number	Percent of total				
1960: Total	**165.4**	**92.7**	**81.9**	**83.5**	**148.3**	**14.2**	**8.6**	**3.5**	**11.1**	**4.5**	**6.6**
Under 18 yr	63.5	99.2	32.2	31.3	(NA)	(NA)	(NA)	(NA)	.3	.2	.1
18–64 yr	89.8	91.8	43.6	46.2	(NA)	(NA)	(NA)	(NA)	7.0	3.2	3.8
65 yr. and over	12.1	73.3	6.1	6.0	(NA)	(NA)	(NA)	(NA)	3.8	1.1	2.6
1970: Total	**184.9**	**91.4**	**91.0**	**93.9**	**163.3**	**18.0**	**9.7**	**3.6**	**15.0**	**5.7**	**9.3**
Under 18 yr	68.9	98.9	35.0	33.8	60.2	7.8	11.3	.9	.4	.2	.2
18–64 yr	102.6	91.1	49.3	53.3	92.2	8.4	8.2	2.0	8.8	4.0	4.8
65 yr. and over	13.3	67.1	6.6	6.7	10.9	1.8	13.5	.7	5.7	1.4	4.3
1975: Total	**190.5**	**90.9**	**93.7**	**96.8**	**162.9**	**23.2**	**12.2**	**4.4**	**19.1**	**8.0**	**11.1**
Under 18 yr	66.0	99.4	33.6	32.4	54.4	10.5	15.9	1.1	.4	.2	.2
18–64 yr	109.9	90.0	52.8	57.1	96.2	11.0	10.0	2.6	12.3	6.4	5.9
65 yr. and over	14.6	69.2	7.3	7.4	12.3	1.8	12.3	.6	6.5	1.5	5.0
1979: Total	**191.1**	**88.5**	**93.8**	**97.3**	**160.5**	**26.0**	**13.6**	**4.5**	**24.9**	**10.8**	**14.0**
Under 18 yr	62.1	99.3	31.7	30.5	49.7	11.3	18.1	1.2	.4	.2	.2
18–64 yr	113.4	87.1	54.2	59.1	97.8	12.8	11.3	2.8	16.8	8.9	7.9
65 yr. and over	15.6	67.2	7.9	7.7	13.0	2.0	12.8	.6	7.6	1.7	5.9

NA Not available. [1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 352, and earlier issues.

NO. 72. FEMALE FAMILY HOUSEHOLDERS, BY RACE AND PRESENCE OF CHILDREN: 1960 TO 1979

[Covers persons 14 years old and over. **1960** census data as of **April**; thereafter based on Current Population Survey as of **March**. See headnote, table 64]

ITEM	1960	1965	1970	1975	1978	1979	WITH 1 OR MORE CHILDREN, UNDER 18		
							1960	1970	1979
Total families (1,000)	**45,128**	[1] **47,956**	**51,586**	**55,712**	**57,215**	**57,804**	**25,661**	**28,612**	**30,371**
Female family householders (1,000)	4,194	[1] 5,026	5,591	7,242	8,236	8,458	1,891	2,926	5,288
Percent of all families	9.3	10.5	10.8	13.0	14.4	14.6	7.4	10.2	17.4
Percent under 35 years old	17.7	19.1	24.4	32.5	34.6	34.6	35.0	43.1	51.5
White families (1,000)	40,872	43,081	46,261	49,451	50,530	50,910	23,264	25,543	26,056
Female family householders (1,000)	3,305	3,882	4,165	5,212	5,828	5,918	1,394	1,995	3,511
Percent of White families	8.1	9.0	9.0	10.5	11.5	11.6	6.0	7.8	13.5
Percent under 35 years old	14.7	(NA)	20.8	29.0	31.0	31.0	30.7	39.8	48.2
Black families [2] (1,000)	4,256	4,752	4,887	5,498	5,806	5,906	2,397	2,984	3,690
Female family householders (1,000)	889	1,125	1,382	1,940	2,277	2,390	497	912	1,684
Percent of Black families	20.9	23.7	28.3	35.3	39.2	40.5	20.7	30.6	45.6
Percent under 35 years old	28.7	(NA)	35.2	42.4	43.4	43.6	47.1	50.0	58.4

NA Not available. [1] Revised figure; revisions not available by race. [2] Black and other races for 1960 and 1965.

Source: U.S. Bureau of the Census, *1960 Census of Population*, vol. I, and *Current Population Reports*, series P-20, No. 352, and earlier issues.

NO. 73. FEMALE FAMILY HOUSEHOLDERS—CHARACTERISTICS, BY RACE: 1960 TO 1979

[Covers persons 14 years old and over. **1960**, census data as of **April**; thereafter, based on Current Population Survey as of **March**. See headnote, table 66]

CHARACTERISTIC	1960	1970	1979	CHARACTERISTIC	1960	1970	1979
WHITE				BLACK			
Female family householder (1,000)	**3,306**	**4,185**	**5,918**	**Female family householder** (1,000)	**890**	**1,349**	**2,390**
Median age (years)	52.2	50.4	43.7	Median age (years)	43.8	41.3	37.9
Percent, by marital status:				Percent, by marital status:			
Single (never married)	11.8	9.2	11.5	Single (never married)	10.8	16.2	29.5
Married, spouse absent	17.6	18.5	17.7	Married, spouse absent	37.4	39.7	28.7
Separated	9.6	11.4	14.3	Separated	30.2	33.8	26.6
Other	7.9	7.2	3.4	Other	7.2	5.9	2.1
Widowed	52.5	47.0	32.0	Widowed	40.2	29.9	21.9
Divorced	18.1	25.3	38.8	Divorced	11.6	14.2	19.8
Percent, by presence of children under 18:				Percent, by presence of children under 18:			
No own children	57.8	52.0	40.7	No own children	44.4	33.5	29.5
With own children	42.2	48.0	59.3	With own children	55.6	66.6	70.5
1 child	19.2	18.8	29.2	1 child	16.9	19.1	24.8
2 children	12.0	15.0	19.6	2 children	12.8	14.4	21.3
3 children	6.1	7.8	7.4	3 children	9.4	12.5	13.6
4 or more children	5.0	6.4	3.0	4 or more children	16.5	20.6	10.8
Mean number of children	.85	1.00	1.72	Mean number of children	1.57	1.96	2.16
Children under 18 in all families (mil.)	54.5	58.5	51.7	Children under 18 in all families (mil.)	8.4	9.3	9.3
Percent living with—				Percent living with—			
Both parents	91.9	88.1	83.5	Both parents	69.2	58.7	43.4
Mother only	6.2	8.6	12.5	Mother only	20.6	30.8	41.9

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and series P-23, No. 50.

NO. 74. FAMILIES NOT HEADED BY MARRIED COUPLE: 1960 TO 1979

[In thousands of persons 18 years old and over and as noted, except percent. As of **March**. See headnote, table 64]

CHARACTERISTIC	NUMBER					PERCENT BY MARITAL STATUS				
	1960 [1]	1970	1975	1978	1979	1960 [1]	1970	1975	1978	1979
Total	**5,727**	**6,806**	**8,718**	**9,798**	**10,074**	(X)	(X)	(X)	(X)	(X)
Male householder	**1,233**	**1,229**	**1,492**	**1,584**	**1,641**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Married, wife absent	166	197	319	273	252	13.5	12.0	21.4	17.2	15.4
Widowed	465	422	387	378	384	37.7	34.3	25.9	23.9	23.4
Divorced	115	194	340	423	460	9.3	15.8	22.8	26.7	28.0
Single (never married)	487	416	446	510	545	39.5	33.8	29.9	32.2	33.2
Female householder	**4,494**	**5,577**	**7,226**	**8,214**	**8,433**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Married, husband absent	1,099	1,323	1,641	1,781	1,769	24.5	23.7	22.7	21.7	21.0
Widowed	2,325	2,396	2,559	2,381	2,465	51.7	43.0	35.4	29.0	29.2
Divorced	694	1,259	2,109	2,786	2,807	15.4	22.6	29.2	33.9	33.3
Single (never married)	376	598	917	1,265	1,392	8.4	10.7	12.7	15.4	16.5

X Not applicable. [1] Persons 14 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier issues.

No. 75. Persons Under 18 Years Old, by Presence of Parents and Whether Living With Mother Only, by Marital Status of Mother: 1968 to 1979

[As of **March**. Excludes persons under 18 years old who were heads and spouses of heads of families and subfamilies. Based on Current Population Survey; see headnote, table 70]

Year and race	Persons under 18 years old (1,000)	Percent living with *both* parents	Percent living with mother only who is—				Percent living with *father* only	Percent living with *neither* parent
			Married, spouse absent	Widowed	Divorced	Single (never married)		
1968: Total [1]	70,617	85.0	4.9	2.3	2.9	0.7	1.1	3.2
White	59,953	89.4	3.1	1.8	2.7	.2	.9	2.0
Black	9,775	58.3	15.5	5.6	4.1	3.8	2.1	10.4
1970: Total [1]	69,458	84.9	4.7	2.0	3.3	.8	1.1	3.3
White	59,026	89.2	2.8	1.7	3.1	.2	.9	2.2
Black	9,483	58.1	16.2	4.2	4.6	4.4	2.2	10.4
1975: Total [1]	66,087	80.3	5.8	2.4	5.5	1.8	1.5	2.7
White	55,500	85.4	3.8	1.9	5.1	.5	1.5	1.7
Black	9,472	49.4	18.7	5.1	8.1	9.1	1.8	7.9
1979: Total [1]	62,389	77.4	5.6	2.0	6.8	2.5	1.6	3.4
White	51,688	83.5	3.7	1.6	6.4	.8	1.5	2.0
Black	9,285	43.4	16.2	4.3	9.5	11.9	2.1	11.3

[1] Includes races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier issues.

No. 76. Persons Living Alone, by Age and Sex: 1960 to 1979

[**1960**, census data as of **April**; thereafter, based on Current Population Survey as of **March**. See headnote, table 70]

Sex and age	Number of persons (1,000)					Percent distribution				
	1960	1965	1970	1975	1979	1960	1965	1970	1975	1979
Both sexes	7,064	8,602	10,851	13,939	17,201	100.0	100.0	100.0	100.0	100.0
14–24 years	234	305	556	1,111	1,620	3.3	3.5	5.1	8.0	9.4
25–44 years	1,212	1,281	1,604	2,744	4,160	17.2	14.9	14.8	19.7	24.2
45–64 years	2,720	3,073	3,622	4,076	4,354	38.5	35.7	33.4	29.2	25.3
65 years and over	2,898	3,943	5,071	6,008	7,066	41.0	45.8	46.7	43.1	41.1
Male	2,628	2,923	3,532	4,918	6,464	37.2	34.0	32.5	35.3	37.6
14–24 years	124	141	274	610	870	1.8	1.6	2.5	4.4	5.1
25–44 years	686	737	933	1,689	2,563	9.7	8.6	8.6	12.1	14.9
45–64 years	965	1,013	1,152	1,329	1,558	13.7	11.8	10.6	9.5	9.1
65 years and over	853	1,033	1,174	1,290	1,472	12.1	12.0	10.8	9.3	8.6
Female	4,436	5,679	7,319	9,021	10,738	62.8	66.0	67.5	64.7	62.4
14–24 years	110	164	282	501	751	1.6	1.9	2.6	3.6	4.4
25–44 years	526	544	671	1,055	1,597	7.4	6.3	6.2	7.6	9.3
45–64 years	1,755	2,060	2,470	2,747	2,796	24.8	23.9	22.8	19.7	16.3
65 years and over	2,045	2,910	3,897	4,718	5,595	28.9	33.8	35.9	33.8	32.5

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Subject Report, PC(2)-4B, and *Current Population Reports*, series P-20, No. 349, and earlier issues.

No. 77. Living Arrangements of Elderly Widowed Persons: 1968 to 1979

[**Persons 65 years and over.** As of **March**. Noninstitutional population. Based on Current Population Survey; see headnote, table 70]

Widowed persons	Householder				Not a householder		
	Total (1,000)	Percent house-holder family	Percent nonfamily householder living—		Total (1,000)	Percent in families	Percent living with no relatives
			Alone	With non-relatives			
1968: Total	4,902	24.5	71.8	3.7	2,047	91.2	8.8
Widow	3,948	24.5	72.2	3.3	1,613	92.2	7.8
Widower	954	24.3	69.8	6.0	434	87.6	12.4
1970: Total	5,296	22.3	74.6	3.1	1,984	89.4	10.5
Widow	4,344	22.2	75.0	2.9	1,519	92.2	7.7
Widower	952	22.9	73.0	4.1	465	80.0	19.8
1975: Total	6,117	18.6	78.9	2.5	1,588	92.3	7.7
Widow	5,110	18.8	78.7	2.4	1,407	93.5	6.5
Widower	1,007	17.3	79.4	3.2	181	82.9	17.1
1979: Total	6,886	16.5	81.1	2.4	1,575	90.7	9.3
Widow	5,833	16.7	81.0	2.4	1,277	93.3	6.7
Widower	1,053	15.5	81.8	2.6	298	79.2	20.8

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier issues.

NO. 78. CHARACTERISTICS OF WIDOWS, BY AGE GROUP: 1970 AND 1979

[**In thousands of persons 14 years old and over, except as indicated.** Based on Current Population Survey as of **March**; see headnote, table 70]

CHARACTERISTIC	1970[1]					1979				
	Total	Under 45 yr.	45–64 yr.	65–74 yr.	75 yr. and over	Total	Under 45 yr.	45–64 yr.	65–74 yr.	75 yr. and over
Total	**9,734**	**392**	**3,063**	**3,065**	**3,214**	**10,450**	**399**	**2,940**	**3,454**	**3,656**
Percent, by age	100.0	4.0	31.5	31.5	33.0	100.0	3.8	28.1	33.1	35.0
Per 100 widowers	475	478	564	501	395	537	548	563	584	482
In labor force[2]	2,542	223	1,732	587		2,358	214	1,593	553	
Employed	2,463	(NA)	(NA)	(NA)		2,235	195	1,514	526	
		PERCENT					PERCENT			
White	8,559	3.2	30.5	31.6	34.6	9,021	3.2	26.4	33.7	36.7
Black	1,120	10.4	38.1	30.4	21.2	1,288	8.0	39.4	29.3	23.5
Living arrangement:										
Householder	7,308	4.7	34.9	32.8	27.6	8,821	4.0	29.8	34.3	31.8
Family householder	2,392	12.1	47.0	22.0	18.9	2,452	12.3	48.0	23.1	16.6
Nonfamily householder	4,915	1.1	29.0	38.0	31.9	6,369	0.9	22.8	38.7	37.7
Not householder	2,426	2.0	21.1	27.6	49.3	1,629	2.5	19.1	26.0	52.4
In families	1,862	2.3	22.1	29.4	46.2	1,474	1.9	17.2	26.1	54.8
Inmates of institutions	362	–	8.0	18.2	73.8	(NA)	(NA)	(NA)	(NA)	(NA)
Family householder with own children under 18:										
No children	1,753	(NA)	(NA)	(NA)	(NA)	1,786	(NA)	(NA)	(NA)	(NA)
One child	295	(NA)	(NA)	(NA)	(NA)	348	(NA)	(NA)	(NA)	(NA)
2 or more children	349	(NA)	(NA)	(NA)	(NA)	332	(NA)	(NA)	(NA)	(NA)

– Represents zero. NA Not available.
[1] Data revised using population controls from the 1970 census; therefore, figures will not agree with table 77.
[2] Covers widows 16 years old and over. Source: U.S. Bureau of Labor Statistics.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349 and unpublished data.

NO. 79. POPULATION IN INSTITUTIONS AND OTHER GROUP QUARTERS, BY RACE, TYPE OF QUARTERS, AND SEX: 1960 AND 1970

[**In thousands. 1960** based on 25-percent sample; **1970,** on 20-percent sample. See *Historical Statistics, Colonial Times to 1970,* series A 359-371, for inmates of institutions]

RACE, AND TYPE OF QUARTERS	1960			1970		
	Total	Male	Female	Total	Male	Female
Total	**4,902**	**3,122**	**1,780**	**5,786**	**3,438**	**2,349**
White	4,253	2,664	1,589	5,037	2,909	2,129
Black and other	649	458	190	749	529	220
Institutional inmates	1,887	1,117	770	2,127	1,126	1,000
Correctional institutions[1]	346	330	16	328	314	15
Mental hospitals and residential treatment centers	630	336	294	434	245	189
Tuberculosis hospitals	65	46	19	17	12	5
Chronic disease hospitals (excl. TB and mental)	42	25	17	67	38	29
Homes for the aged and dependent	470	188	282	928	299	629
Homes and schools for the mentally handicapped[2]	175	95	80	202	114	88
Homes and schools for the physically handicapped[2]	24	13	11	23	16	6
Homes for dependent and neglected children[2]	73	41	32	48	28	19
Homes for unwed mothers[2]	3	1	3	4	(Z)	4
Training schools for juvenile delinquents	46	34	12	66	53	14
Detention homes	11	8	3	10	7	4
Diagnostic and reception centers	1	1	(Z)	(NA)	(NA)	(NA)
Military barracks	868	868	(NA)	1,025	1,005	20
College dormitories	829	455	374	1,765	891	874
Rooming and boarding houses	634	400	234	330	191	139
Other	684	282	402	539	224	315

NA Not available. Z Fewer than 500.
[1] See also table 339. [2] For similar but not strictly comparable data, see table 185.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, Chapter D, and vol. II; and *Census of Population: 1970,* vols. I and II.

No. 80. Inmates of Institutions, by Type of Institution: 1970

State	All inmates	Correctional institutions	Mental hospitals[1]	TB and chronic disease hospitals[2]	Homes and/or schools for—				
					Aged and dependent	Mentally handicapped	Physically handicapped	Dependent and neglected children and unwed mothers	Training schools for juvenile delinquents[3]
U.S.	**2,126,719**	**328,020**	**433,890**	**84,032**	**927,514**	**201,992**	**22,739**	**51,803**	**76,729**
Alabama	31,060	5,651	8,397	1,786	10,848	2,510	675	608	586
Alaska	1,345	337	340	32	353	111	–	75	97
Arizona	11,143	3,331	1,376	255	3,606	1,237	282	112	944
Arkansas	20,291	2,121	2,853	463	11,696	1,009	640	799	710
California	214,068	49,858	27,941	6,787	101,065	13,685	979	2,072	11,681
Colorado	21,987	3,041	3,265	548	11,720	1,781	404	399	829
Connecticut	34,055	3,626	6,373	2,294	15,707	4,472	831	391	358
Delaware	5,176	655	1,552	967	1,403	155	–	103	341
District of Columbia	12,172	1,256	4,484	193	5,331	57	38	570	243
Florida	60,641	16,189	11,442	1,064	21,570	5,853	1,037	928	2,558
Georgia	46,239	14,447	10,501	1,461	14,550	1,915	648	1,422	1,295
Hawaii	4,224	372	782	710	1,334	869	42	18	97
Idaho	6,063	617	554	238	3,692	548	77	56	281
Illinois	111,874	12,181	23,478	3,962	54,300	10,603	748	3,549	3,053
Indiana	51,332	8,232	8,353	469	22,889	7,126	811	1,702	1,750
Iowa	37,184	2,275	3,175	596	27,422	2,526	114	477	599
Kansas	30,846	4,816	4,246	619	18,209	1,512	591	256	597
Kentucky	27,187	5,625	3,440	1,178	13,321	1,256	455	1,076	836
Louisiana	31,859	7,748	5,171	659	12,083	3,401	764	703	1,330
Maine	10,723	729	3,179	242	5,000	960	40	172	401
Maryland	39,448	8,923	9,116	2,428	11,497	4,803	368	537	1,776
Massachusetts	77,242	5,478	15,244	4,010	41,866	8,170	664	640	1,170
Michigan	86,437	12,898	17,623	2,919	36,281	12,167	568	1,145	2,836
Minnesota	50,389	3,228	6,137	687	33,326	5,098	566	301	1,046
Mississippi	16,036	2,622	7,070	52	4,329	1,221	17	430	295
Missouri	47,523	6,848	6,975	2,001	25,001	3,691	644	847	1,516
Montana	7,577	612	1,295	154	3,861	990	43	163	459
Nebraska	22,197	1,660	1,157	1,106	13,282	3,100	154	1,242	496
Nevada	3,234	1,217	514	83	892	–	–	57	471
New Hampshire	8,738	463	2,128	192	4,235	1,026	205	166	323
New Jersey	60,009	8,872	14,734	4,515	23,141	7,011	138	804	794
New Mexico	6,083	1,522	495	369	1,946	804	183	352	412
New York	217,582	23,628	74,235	13,549	68,024	22,320	1,177	6,002	8,647
North Carolina	47,589	10,850	9,873	992	14,418	5,231	942	2,596	2,687
North Dakota	9,033	255	1,071	326	5,742	1,257	123	123	136
Ohio	106,599	14,290	22,583	3,587	49,229	8,938	310	4,108	3,554
Oklahoma	37,125	6,035	3,556	684	20,851	2,384	265	2,035	1,315
Oregon	24,268	2,636	3,594	1,382	13,082	2,214	349	329	682
Pennsylvania	123,780	12,715	34,043	5,244	47,726	14,632	1,538	3,923	3,959
Rhode Island	10,502	520	2,004	1,688	4,917	976	–	235	162
South Carolina	22,802	5,087	8,774	261	5,994	1,054	–	985	647
South Dakota	10,761	469	1,808	413	5,901	1,143	304	34	689
Tennessee	34,402	6,716	6,781	5,128	8,764	2,934	695	1,156	2,228
Texas	116,034	21,591	15,949	2,883	51,318	13,247	1,030	5,450	4,566
Utah	6,792	875	512	84	3,772	75	1,150	13	311
Vermont	5,339	402	1,344	25	2,390	646	105	88	339
Virginia	46,102	11,324	13,266	1,620	12,491	3,697	667	936	2,101
Washington	38,180	5,894	3,577	403	21,259	4,646	519	313	1,569
West Virginia	13,841	2,301	5,235	613	3,954	60	337	334	1,007
Wisconsin	58,051	4,667	11,440	2,057	30,546	6,871	502	771	1,197
Wyoming	3,555	315	852	54	1,380	–	–	200	754

– Represents zero.
[1] Includes residential treatment centers. [2] Excludes mental hospitals. [3] Includes detention homes.
Sources: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, *Persons in Institutions and Other Group Quarters.*

NO. 81. RELIGIOUS BODIES—SELECTED DATA

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of individuals living in households in which one or more Jews reside, less 8 percent for non-Jews residing in these households; Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and The Episcopal Church now report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for **1977 or earlier.** All other data are "current" and were reported in **1978** or **1979**]

RELIGIOUS BODY	Year	Churches reported	Member-ship (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Total	(X)	**332,970**	**133,749**	**282,501**	**35,640**
Bodies with membership of 50,000 or more	(X)	**318,572**	**132,450**	**268,279**	**35,335**
Current data	(X)	253,461	116,659	217,132	35,335
Noncurrent data	(X)	*65,111*	*15,791*	*51,147*	(NA)
African Methodist Episcopal Church	1979	3,050	1,970	3,560	105
African Methodist Episcopal Zion Church	1978	6,020	1,093	6,609	168
American Baptist Association	1979	5,000	1,500	5,000	800
American Baptist Churches in the U.S.A	*1977*	*5,815*	*1,317*	*4,186*	(NA)
American Carpatho-Russian Orthodox Greek Catholic Church	*1976*	*70*	*100*	*61*	(NA)
American Lutheran Church, The	1978	4,837	2,377	4,334	626
Antiochian Orthodox Christian Archdiocese of North America, The	*1977*	*110*	*152*	*120*	(NA)
Apostolic Overcoming Holy Church of God	*1956*	*300*	*75*	*300*	(NA)
Armenian Apostolic Church of America	*1972*	*29*	*125*	*23*	(NA)
Armenian Church of America, Diocese of the (incl. Diocese of California)	1978	57	327	52	7
Assemblies of God	1978	9,410	1,293	12,391	1,293
Baptist General Conference	1978	772	131	(NA)	118
Baptist Missionary Association of America	1978	1,487	220	1,800	97
Buddhist Churches of America	*1975*	*60*	*60*	*80*	(NA)
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia)	*1971*	*13*	*86*	(NA)	(NA)
Christian and Missionary Alliance	1978	1,290	156	978	156
Christian Church (Disciples of Christ)	1978	4,347	1,232	4,016	369
Christian Churches and Churches of Christ	1979	5,535	1,054	5,989	(NA)
Christian Congregation, Inc., The	1978	1,132	82	1,133	48
Christian Methodist Episcopal Church	*1965*	*2,598*	*467*	*2,214*	(NA)
Christian Reformed Church in North America	1978	623	211	481	(NA)
Church of God, The	1978	2,035	76	1,910	96
Church of God (Anderson, Ind.)	1978	2,264	174	1,756	234
Church of God (Cleveland, Tenn.)	1978	4,847	393	6,052	374
Church of God in Christ, The	*1965*	*4,500*	*425*	*4,000*	(NA)
Church of God in Christ, International, The	*1971*	*1,041*	*501*	(NA)	(NA)
Church of God of Prophecy, The	*1975*	*1,791*	*66*	(NA)	(NA)
Church of Jesus Christ of Latter-day Saints, The	1978	6,272	2,952	18,816	2,380
Church of the Brethren	1978	1,061	175	(NA)	70
Church of the Nazarene	1978	4,719	463	(NA)	897
Churches of Christ	1978	17,550	3,000	13,000	1,860
Community Churches, National Council of	1979	200	190	210	(NA)
Congregational Christian Churches, National Association of	1978	382	95	375	(NA)
Conservative Baptist Association of America	*1977*	*1,114*	*300*	(NA)	(NA)
Cumberland Presbyterian Church	1978	850	93	526	50
Episcopal Church, The	1978	7,009	2,815	7,105	575
Evangelical Covenant Church of America	1978	520	75	477	64
Evangelical Free Church of America	*1977*	*621*	*100*	(NA)	(NA)
Evangelical Lutheran Churches, The Association of	1978	250	107	295	(NA)
Free Methodist Church of North America	1978	1,148	73	(NA)	119
Free Will Baptists	1978	2,436	217	4,302	188
Friends United Meeting	1978	522	62	380	27
General Association of Regular Baptist Churches	1979	1,544	240	(NA)	(NA)
General Baptist (General Association of)	*1977*	*867*	*72*	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America	*1977*	*535*	*1,950*	*610*	(NA)
Independent Fundamental Churches of America	1978	614	88	752	126
International Church of the Foursquare Gospel	*1963*	*714*	*89*	*741*	(NA)
Jehovah's Witnesses	1978	7,526	519	(X)	(X)
Jewish Congregations	1978	3,500	5,781	4,000	(NA)
Lutheran Church in America	1978	5,778	2,942	4,952	639

See footnotes at end of table.

No. 81. Religious Bodies—Selected Data—Continued

[See headnote, p. 55]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Bodies with membership of 50,000 or more—Con.					
Lutheran Church—Missouri Synod, The	1978	5,669	2,631	4,535	638
Mennonite Church	1978	1,081	97	1,742	94
Moravian Church in America (Unitas Fratrum)	1978	147	54	140	17
National Baptist Convention of America	*1956*	*11,398*	*2,669*	*7,598*	(NA)
National Baptist Convention, U.S.A., Inc	*1958*	*26,000*	*5,500*	*26,000*	(NA)
National Primitive Baptist Convention, Inc	*1975*	*606*	*250*	*460*	(NA)
North American Old Roman Catholic Church	1978	121	67	91	8
Open Bible Standard Churches, Inc	1979	280	30	496	(NA)
Orthodox Church in America	1978	440	1,000	457	(NA)
Pentecostal Church of God	*1977*	*1,180*	*111*	*1,320*	(NA)
Pentecostal Holiness Church	*1977*	*2,340*	*86*	*1,329*	(NA)
Plymouth Brethren	1978	800	74	(NA)	(NA)
Polish National Catholic Church of America	*1960*	*162*	*282*	*151*	(NA)
Presbyterian Church in America	1978	440	82	419	41
Presbyterian Church in the U.S	1978	4,007	862	3,019	406
Primitive Baptists	*1960*	*1,000*	*72*	(NA)	(NA)
Progressive National Baptist Convention, Inc	*1967*	*655*	*522*	(NA)	(NA)
Reformed Church in America	1978	898	348	824	109
Reorganized Church of Jesus Christ of Latter-day Saints	1978	1,048	186	16,000	(NA)
Roman Catholic Church, The	1978	25,542	49,602	(NA)	8,527
Russian Orthodox Church in the U.S.A., Patriarchal Parishes of the	*1975*	*41*	*52*	*55*	(NA)
Russian Orthodox Church Outside Russia, The	*1955*	*81*	*55*	*92*	(NA)
Salvation Army, The	1978	1,117	414	2,321	108
Serbian Eastern Orthodox Church for the U.S.A. and Canada	*1967*	*52*	*65*	*56*	(NA)
Seventh-day Adventists	1978	3,591	536	1,885	477
Southern Baptist Convention	1978	35,357	13,391	33,500	7,332
Triumph the Church and Kingdom of God in Christ (International)	*1972*	*475*	*54*	*860*	(NA)
Ukrainian Orthodox Church in the U.S.A.	*1966*	*107*	*88*	*107*	(NA)
Unitarian Universalist Association	1978	936	136	550	38
United Church of Christ	1979	6,491	1,769	5,003	509
United Free Will Baptist Church	*1952*	*836*	*100*	*784*	(NA)
United Methodist Church, The	1978	36,682	9,732	20,357	4,410
United Pentecostal Church, International	1979	2,830	450	2,655	(NA)
United Presbyterian Church in the U.S.A., The	1978	8,567	2,520	7,522	886
Wesleyan Church, The	1978	1,714	99	1,439	201
Wisconsin Evangelical Lutheran Synod	1978	1,116	403	926	48
Bodies with membership of less than 50,000	(X)	**14,398**	**1,299**	**14,222**	**305**

NA Not available. X Not applicable. [1] Includes pupils, officers, and teachers.

No. 82. Religious Bodies—Church Membership, 1950 to 1978, and Number of Churches, 1978

[Membership in thousands, except as indicated. See headnote, table 1. See also *Historical Statistics, Colonial Times to 1970,* series H 793–799]

RELIGIOUS BODY	MEMBERSHIP						Number of churches, 1978
	1950	1960	1965	1970	1975	1978	
Total	**86,830**	**114,449**	**124,682**	**131,046**	**131,012**	**133,749**	**332,970**
Members as percent of population[1]	57	64	64	63	61	61	(X)
Average members per local church	304	359	382	399	393	61	(X)
Buddhist Churches of America	73	20	92	100	60	60	60
Eastern Churches	1,650	2,699	3,172	3,850	3,696	3,633	1,583
Jewish Congregations[2]	5,000	5,367	5,600	5,870	6,115	5,781	3,500
Old Catholic, Polish National Catholic, and Armenian Churches	250	590	484	848	846	809	421
The Roman Catholic Church	28,635	42,105	46,246	48,215	48,882	49,602	25,542
Protestants[3]	51,080	63,669	69,088	71,713	71,043	73,704	300,676
Miscellaneous[4]	142			449	372	160	1,188

X Not applicable. [1] Based on Bureau of the Census estimated total population as of July 1. [2] Includes Orthodox, Conservative, and Reformed Congregations. [3] Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." [4] Includes nonchristian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source of tables 81 and 82: National Council of the Churches of Christ in the United States of America, New York, N.Y., *Yearbook of American and Canadian Churches,* annual. (Copyright.)

No. 83. Religious Bodies—Church Contributions

[Data are for 42 U.S. Communions reporting in 1978 or 1979. Data are incomplete as not all U.S. churches have current data available. For additional data, see source]

Religious body	Contributions		Congregational finances ($1,000)	Benevolences	
	Total ($1,000)	Per capita inclusive membership [1]		Total ($1,000)	Percent of total contributions
United States Communions	**7,454,317**	**162.21**	**5,973,184**	**1,481,133**	**19.9**
African Methodist Episcopal Zion Church	49,310	46.11	45,854	3,456	7.0
American Baptist Churches in the U.S.A	222,685	169.27	191,459	31,426	14.1
American Lutheran Church, The	313,518	131.88	256,372	57,146	18.2
Associate Reformed Presbyterian Church, General Synod	7,393	230.03	5,865	1,528	20.7
Christian Church (Disciples of Christ)	192,040	155.90	166,250	25,790	13.4
Church of God (Anderson, Ind.)	68,845	396.23	57,631	11,214	16.3
Church of God, General Conference (Oregon, Ill.)	1,245	164.90	1,135	110	8.8
Church of the Brethren	34,874	198.90	25,398	9,476	27.2
Church of the Nazarene	178,456	385.66	153,943	24,513	13.7
Conservative Congregational Christian Conference	5,954	261.73	4,344	1,610	27.0
Cumberland Presbyterian Church	15,795	169.35	13,658	2,137	13.5
Episcopal Church, The	430,117	152.77	365,886	64,231	14.9
Evangelical Church of North America	6,513	533.43	5,254	1,259	19.3
Evangelical Congregational Church	6,970	244.90	5,515	1,455	20.9
Evangelical Covenant Church of America	34,218	458.21	26,201	8,017	23.4
Evangelical Lutheran Synod	3,469	176.03	2,630	839	24.2
Evangelical Mennonite Church	2,077	571.45	1,282	795	38.3
Free Methodist Church of North America	34,033	464.34	23,911	10,122	29.7
Free Will Baptists, National Association of	33,672	155.29	27,974	5,698	16.9
Friends United Meeting	10,141	163.36	8,172	1,969	19.4
Grace Brethren Churches, Fellowship of	23,088	582.96	20,009	3,079	13.3
Independent Fundamental Churches of America	79,308	297.65	64,736	14,572	18.4
Lutheran Church in America	349,613	118.84	277,187	72,426	20.7
Lutheran Church—Missouri Synod, The	388,165	147.51	329,134	59,031	15.2
Mennonite Brethren Churches, General Conference of	5,273	328.70	3,285	1,988	37.7
Mennonite Church	36,993	380.82	22,922	14,071	38.0
Moravian Church in America, Northern Province	5,067	159.52	4,442	625	12.3
Moravian Church in America, Southern Province	3,146	149.79	2,297	849	27.0
North American Baptist Conference	15,189	357.41	11,629	3,560	23.4
Orthodox Presbyterian Church	5,243	331.71	4,108	1,135	21.7
Presbyterian Church in America	32,634	397.52	24,447	8,187	25.1
Presbyterian Church in the United States	243,010	281.77	194,686	48,324	19.9
Primitive Methodist Church, U.S.A	2,637	257.96	2,139	498	18.9
Reformed Church in America	76,034	218.43	60,494	15,540	20.4
Seventh-day Adventists	330,738	617.39	104,045	226,693	68.5
Seventh-day Baptist General Conference	1,164	224.75	878	286	24.6
Southern Baptist Convention	1,984,583	150.45	1,668,121	316,462	15.9
United Church of Christ	270,383	152.84	232,593	37,790	14.0
United Methodist Church, The	1,264,192	129.90	972,039	292,153	23.1
United Presbyterian Church in the United States	578,057	229.35	498,187	79,870	13.8
Wesleyan Church, The	45,059	455.07	36,819	8,240	18.3
Wisconsin Evangelical Lutheran Synod	63,216	156.87	50,255	12,961	20.5

[1] Inclusive membership refers to those who are full, communicant, or confirmed members, plus other members listed as baptized, or nonconfirmed, or noncommunicant.

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

No. 84. National Nonprofit Associations—Number, by Type: 1968 to 1979

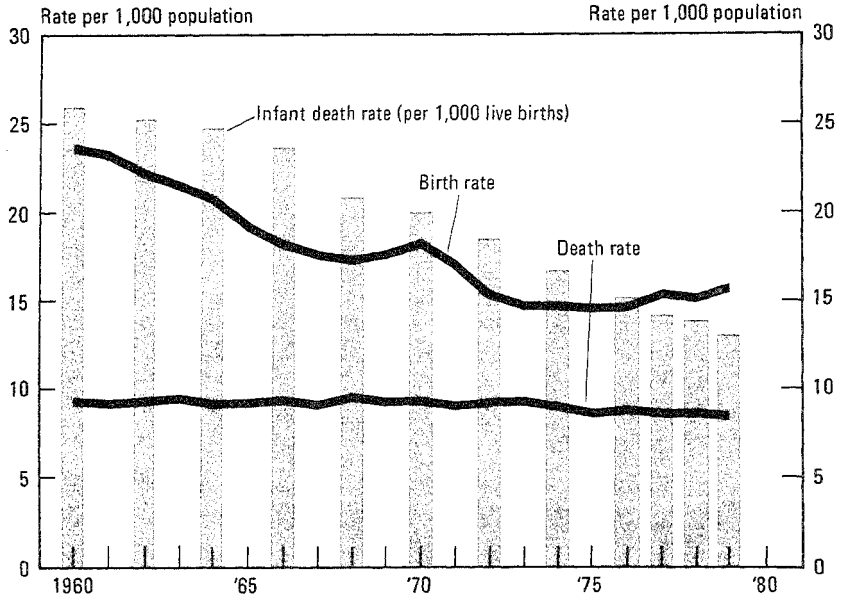
[Covers organizations of national scope]

Type	1968	1970	1979	Type	1968	1970	1979
Total	[1] **10,299**	[1] **10,734**	**14,019**	Public affairs	446	498	950
Trade business, commercial	2,832	2,895	3,033	Fraternal, foreign interest, nationality, ethnic	640	610	438
Agriculture	491	508	659	Religious	794	806	789
Legal, governmental, public administration, military	301	346	494	Veteran, hereditary, patriotic	197	198	205
Scientific, engineering, tech	488	548	982	Hobby, avocational	423	444	867
Educational and cultural	1,286	1,383	2,271	Athletic sports	318	336	473
Social welfare	389	475	880	Labor unions	237	226	227
Health, medical	791	830	1,337	Chambers of Commerce [2]	126	110	103
				Greek letter societies	351	334	317

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

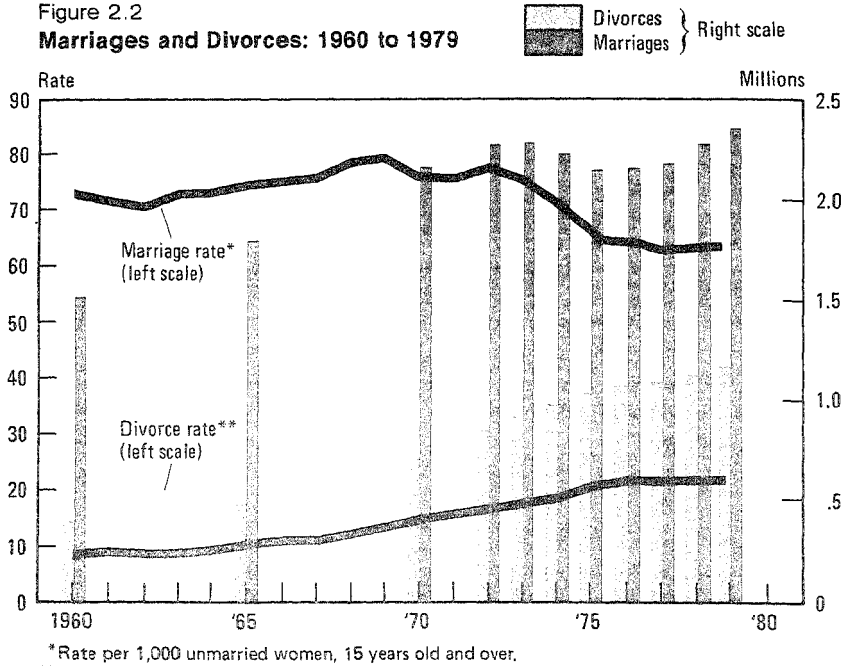
Source: Gale Research Co., Detroit, Mich. Compiled from *Encyclopedia of Associations*. (Copyright.)

Figure 2.1
Birth and Death Rates: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 85.

Figure 2.2
Marriages and Divorces: 1960 to 1979



*Rate per 1,000 unmarried women, 15 years old and over.
**Rate per 1,000 married women, 15 years old and over.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 123.



Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States,* in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report.* Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, p. 1) and published in *Current Population Reports,* series P-20.

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

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

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

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The eighth revision of the ICD, in use for the latest data shown here, was employed from 1968 to 1978. In January 1979, the ninth revision was put in use. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the seventh and eighth revisions of the ICD, see *Vital and Health Statistics,* series 2, No. 66.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census.

NCHS figures are based on information in birth and fetal death certificates and on the 1973 and 1976 National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

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

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; by 1978 it also included nine additional States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii and the Virgin Islands, included by 1978 a total of 28 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States,* vol. III—*Marriage and Divorce.* Data for nonregistration States are gathered mainly by collecting already summarized data on marriages and divorces reported by nonregistration State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the Current Population Survey conducted monthly by the Bureau of the Census. For further details, see text, p. 1.

Vital statistics rates.—Vital statistics rates computed by NCHS are based on decennial census population figures as of April 15, 1910; January 1, 1920; and April 1 for 1930, 1940, 1950, 1960, and 1970; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

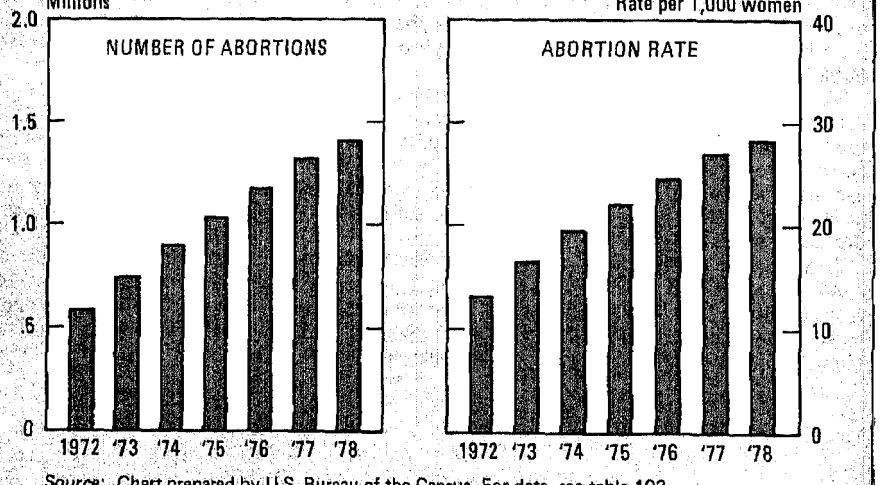
Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. In NCHS's National Survey of Family Growth and the Census Bureau's Current Population Survey, race is determined by interviewer observation.

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

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

Figure 2.3

Legal Abortions — Number and Rate per 1,000 Women 15-44 Years Old: 1972 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 103.

NO. 85. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1979

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

YEAR	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Births [1]	Deaths		Marriages [3]	Divorces [4]	Births [1]	Deaths		Marriages [3]	Divorces [4]
		Total	Infant [2]				Total	Infant [2]		
1910	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915	2,965	816	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935	2,377	1,393	120	1,327	218	18.7	10.9	55.7	10.4	1.7
1940	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1962	4,167	1,757	105	1,577	413	22.4	9.5	25.3	8.5	2.2
1963	4,098	1,814	103	1,654	428	21.7	9.6	25.2	8.8	2.3
1964	4,027	1,798	100	1,725	450	21.0	9.4	24.8	9.0	2.4
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966	3,606	1,863	86	1,857	499	18.4	9.5	23.7	9.5	2.5
1967	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968	3,502	1,930	76	2,069	584	17.5	9.7	21.8	10.4	2.9
1969	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	11.0	4.1
1973	3,137	1,973	56	2,284	915	14.9	9.4	17.7	10.9	4.4
1974	3,160	1,934	53	2,230	977	14.9	9.2	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.8	8.8	16.1	10.1	4.9
1976	3,168	1,909	48	2,155	1,083	14.8	8.9	15.2	10.0	5.0
1977	3,327	1,900	47	2,178	1,091	15.4	8.8	14.1	10.1	5.0
1978	3,333	1,928	46	[5] 2,282	1,130	15.3	8.8	13.8	[5] 10.5	5.2
1979, prel.	3,473	1,906	45	[5] 2,359	1,170	15.8	8.7	13.0	[5] 10.7	5.3

NA Not available. [1] Through 1955, adjusted for underregistration. [2] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [3] Includes estimates for some States through 1969 and also for 1976, and marriage licenses for some States for all years except 1973 and 1975. [4] Includes reported annulments and some estimated State figures for all years. [5] Includes 37,462 nonlicensed marriages registered in California for 1978 and 41,961 for 1979.

NO. 86. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE: 1940 TO 1978

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

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940–1944	2,523	2,460	3,010	4.6	3.9	9.8	1968	2,464	2,366	3,108	5.9	4.2	16.0
1945–1949	2,985	2,916	3,485	11.7	10.9	17.2	1969	2,456	2,360	3,061	5.7	4.1	15.4
1950–1954	3,337	3,221	4,185	16.8	15.4	25.7	1970	2,480	2,385	3,067	6.0	4.5	14.4
1955–1959	3,690	3,549	4,716	21.1	19.5	30.7	1971	2,275	2,168	2,933	2.8	1.0	12.8
1960–1964	3,449	3,326	4,326	18.6	17.1	27.7	1972	2,022	1,918	2,651	−1.7	−3.7	8.9
1965–1969	2,622	2,512	3,362	8.2	6.4	18.6	1973	1,896	1,798	2,474	−4.2	−6.1	6.1
1970–1974	2,106	2,007	2,700	−.4	−2.2	9.4	1974	1,857	1,768	2,377	−5.0	−6.8	4.6
1975–1978	1,798	1,707	2,318	−6.1	−8.0	3.8	1975	1,799	1,708	2,322	−6.1	−8.1	3.7
1965	2,913	2,783	3,808	12.1	10.3	23.1	1976	1,768	1,679	2,276	−6.7	−8.6	3.0
1966	2,721	2,603	3,532	9.7	7.9	20.4	1977	1,826	1,735	2,343	−5.4	−7.4	4.3
1967	2,558	2,447	3,299	7.4	5.6	18.2	1978	1,800	1,704	2,334	−6.0	−8.0	4.1

Source of tables 85 and 86: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

No. 87. Births and Birth Rates: 1950 to 1978

[**Births in thousands, except as indicated.** Prior to 1960, excludes Alaska and Hawaii. For 1950 and 1955, births adjusted for underregistration, except by age of mother; thereafter registered births. Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (–) denotes decrease. For population bases used to derive these data, see text, p. 60. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5.7, and B 20]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Live births	**3,632**	**4,097**	**4,258**	**3,760**	**3,731**	**3,258**	**3,137**	**3,160**	**3,144**	**3,168**	**3,327**	**3,333**
Average annual percent change[1]	3.6	2.4	.8	–2.5	–.2	–6.6	–3.7	.7	–.5	.8	5.0	.2
White	3,108	3,485	3,601	3,124	3,091	2,656	2,551	2,576	2,552	2,568	2,691	2,681
Black and other	524	613	657	636	640	603	586	584	592	600	636	652
Percent of total	14.4	14.0	15.4	16.9	17.2	18.5	18.7	18.5	18.8	18.9	19.1	19.6
Male	1,863	2,099	2,180	1,927	1,915	1,670	1,608	1,622	1,613	1,624	1,706	1,709
Female	1,768	1,998	2,078	1,833	1,816	1,588	1,529	1,538	1,531	1,543	1,621	1,624
Males per 100 females	105.4	105.1	104.9	105.1	105.5	105.1	105.2	105.5	105.4	105.3	105.3	105.3
Age of mother:												
Under 20 yr	425	490	594	599	656	628	617	608	595	571	571	556
20–24 yr	1,131	1,274	1,427	1,337	1,419	1,174	1,101	1,108	1,094	1,092	1,146	1,140
25–29 yr	1,022	1,119	1,093	926	995	900	888	923	937	972	1,016	1,015
30–34 yr	598	722	688	529	428	375	370	373	376	392	447	474
35–39 yr	293	345	360	283	180	141	127	118	115	116	121	126
40 yr. or more	80	93	97	86	53	39	34	30	28	26	25	24
Birth rate per 1,000 population	**24.1**	**25.0**	**23.7**	**19.4**	**18.4**	**15.6**	**14.9**	**14.9**	**14.8**	**14.8**	**15.4**	**15.3**
White	23.0	23.8	22.7	18.3	17.4	14.6	13.9	14.0	13.8	13.8	14.4	14.2
Black and other	33.3	34.5	32.1	27.6	25.1	22.9	21.9	21.4	21.2	21.1	21.9	22.1
Male	24.9	25.8	24.7	20.3	19.4	16.5	15.7	15.8	15.6	15.5	16.2	16.1
Female	23.3	23.9	22.8	18.6	17.4	14.9	14.2	14.2	14.0	14.0	14.6	14.5
Plural birth ratio[2]	20.9	21.1	20.4	20.1	(NA)	18.4	18.4	18.6	19.2	19.5	19.2	19.6
Birth rate per 1,000 women[3]	**106.2**	**118.3**	**118.0**	**96.6**	**87.9**	**73.4**	**69.2**	**68.4**	**66.7**	**65.8**	**67.8**	**[4]66.6**
White[3]	102.3	113.7	113.2	91.4	84.1	69.2	65.3	64.7	63.0	62.2	64.0	62.7
Black and other[3]	137.3	155.3	153.6	131.9	113.0	100.3	94.3	91.0	89.3	87.6	89.9	89.3
Age of mother:												
10–14 yr	1.0	.9	.8	.8	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2
15–19 yr	81.6	90.5	89.1	70.5	68.3	62.0	59.7	58.1	56.3	53.5	53.7	52.4
20–24 yr	196.6	242.0	258.1	195.3	167.8	131.0	120.7	119.0	114.7	112.1	115.2	112.3
25–29 yr	166.1	190.5	197.4	161.6	145.1	118.7	113.6	113.3	110.3	108.8	114.2	112.0
30–34 yr	103.7	116.2	112.7	94.4	73.3	60.2	56.1	54.4	53.1	54.5	57.5	59.1
35–39 yr	52.9	58.7	56.2	46.2	31.7	24.8	22.0	20.2	19.4	19.0	19.2	18.9
40–44 yr	15.1	16.1	15.5	12.8	8.1	6.2	5.4	4.8	4.6	4.3	4.2	3.9
45–49 yr	[5]1.2	[5]1.0	[5].9	.8	.5	.4	.3	.3	.3	.2	.2	.2

NA Not available. [1]For explanation, see Guide to Tabular Presentation. For 1950, change from 1940. [2]Per 1,000 live births. [3]Per 1,000 women, 15–44 years old [4]Provisional live birth rate for 1974 was 68.0; data by race and age not available. [5]Rate computed by relating births to mothers aged 45 years and over to women aged 45 to 49 years.

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

No. 88. Birth Rates, by Live-Birth Order and Race: 1950 to 1978

[**Births per 1,000 women 15–44 years old.** 1950 excludes Alaska and Hawaii. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 87, and *Historical Statistics, Colonial Times to 1970*, series B 20–27]

LIVE-BIRTH ORDER	1950		1960		1965		1970		1975		1978	
	White	Black and other	White	Black and other	White	Black and other	White	Black and other	White	Black and other	White	Black and other
Total	**102.3**	**137.3**	**113.2**	**153.6**	**91.4**	**131.9**	**84.1**	**113.0**	**63.0**	**89.3**	**62.7**	**89.3**
First birth	33.3	33.8	30.8	33.6	28.9	35.3	32.9	42.4	26.9	37.3	27.0	35.9
Second birth	32.3	30.3	29.2	29.3	23.0	26.2	23.7	26.9	20.5	25.1	20.5	26.5
Third birth	17.9	22.9	22.7	24.0	16.2	19.3	13.3	15.9	8.9	12.8	9.3	14.1
Fourth birth	8.4	15.3	14.1	18.6	10.1	14.4	6.8	9.7	3.6	6.2	3.4	6.5
Fifth birth	4.1	10.4	7.5	14.1	5.8	10.7	3.4	6.1	1.5	3.2	1.3	3.0
Sixth and seventh	3.7	12.6	6.1	18.4	5.0	13.6	2.7	6.7	1.1	2.8	.9	2.2
Eighth and over	2.5	12.0	2.8	15.6	2.4	12.4	1.2	5.3	.5	1.8	.3	1.1

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

NO. 89. LIVE BIRTHS—NUMBER AND RATE, BY STATES: 1960 TO 1978

[Registered births by place of residence. Beginning 1970, excludes births to nonresidents of the U.S. See Appendix III]

DIVISION AND STATE	NUMBER (1,000)							RATE PER 1,000 POPULATION [1]						
	1960	1965	1970	1975	1976	1977	1978	1960	1965	1970	1975	1976	1977	1978
U.S	**4,258**	**3,760**	**3,731**	**3,144**	**3,168**	**3,327**	**3,333**	**23.7**	**19.4**	**18.4**	**14.8**	**14.8**	**15.4**	**15.3**
N.E	**237**	**213**	**200**	**148**	**145**	**152**	**153**	**22.5**	**19.1**	**16.9**	**12.1**	**11.9**	**12.4**	**12.5**
Maine	23	20	18	15	15	16	16	24.0	19.9	17.9	14.4	14.0	14.9	14.5
N.H	14	13	13	11	11	12	12	22.8	19.5	17.9	13.5	13.6	14.2	14.3
Vt	9	8	8	7	7	7	7	24.1	20.5	18.8	14.3	14.2	14.5	14.6
Mass	115	101	95	68	66	68	69	22.4	18.8	16.6	11.7	11.4	11.8	11.9
R.I	18	17	16	11	11	12	12	21.4	19.4	16.5	11.6	11.7	12.4	12.4
Conn	57	54	50	36	36	37	37	22.4	19.2	16.7	11.6	11.4	11.8	12.0
M.A	**733**	**665**	**630**	**477**	**475**	**488**	**480**	**21.5**	**18.3**	**16.9**	**12.8**	**12.7**	**13.2**	**13.0**
N.Y	359	336	318	236	236	240	234	21.4	18.6	17.4	13.0	13.0	13.4	13.2
N.J	132	125	120	92	91	94	94	21.8	18.5	16.8	12.6	12.4	12.8	12.8
Pa	241	205	193	149	148	154	152	21.3	17.8	16.3	12.6	12.5	13.0	12.9
E.N.C	**877**	**751**	**754**	**610**	**603**	**631**	**627**	**24.2**	**19.7**	**18.7**	**14.9**	**14.7**	**15.4**	**15.2**
Ohio	231	195	200	159	155	162	161	23.8	19.1	18.7	14.8	14.5	15.1	15.0
Ind	113	98	99	82	81	85	84	24.2	20.0	19.1	15.5	15.2	16.0	15.5
Ill	239	208	205	169	170	177	175	23.7	19.6	18.5	15.2	15.2	15.8	15.5
Mich	195	167	172	134	131	138	139	25.0	20.1	19.4	14.6	14.4	15.2	15.2
Wis	100	83	78	65	65	69	69	25.2	20.0	17.6	14.1	14.1	14.8	14.7
W.N.C	**369**	**297**	**284**	**246**	**249**	**264**	**265**	**24.0**	**18.7**	**17.4**	**14.7**	**14.8**	**15.6**	**15.5**
Minn	88	71	68	56	57	60	62	25.7	19.9	18.0	14.4	14.3	15.2	15.4
Iowa	64	51	48	41	42	45	45	23.3	18.5	17.1	14.4	14.5	15.6	15.3
Mo	98	81	81	69	69	73	73	22.7	18.1	17.3	14.4	14.4	15.2	15.0
N.Dak	17	13	11	11	11	11	11	26.3	20.2	17.6	16.7	16.6	17.5	17.3
S.Dak	18	14	12	11	12	12	12	25.9	19.7	17.0	16.5	17.0	17.5	17.7
Nebr	34	28	26	24	24	25	25	24.3	18.8	17.3	15.3	15.3	16.1	16.0
Kans	51	39	38	34	35	37	37	23.3	17.6	17.0	15.0	15.3	15.9	15.7
S.A	**629**	**575**	**574**	**482**	**481**	**509**	**506**	**24.2**	**20.0**	**18.7**	**14.3**	**14.2**	**14.8**	**14.6**
Del	12	11	11	8	8	9	9	25.9	21.2	19.2	14.2	13.9	14.8	14.9
Md	77	74	69	53	53	56	55	24.9	21.0	17.6	12.9	12.7	13.5	13.3
D.C	20	18	15	10	10	10	9	26.0	22.5	20.1	13.6	13.8	14.6	14.0
Va	96	89	86	70	70	74	73	24.1	20.0	18.6	14.1	13.9	14.5	14.2
W. Va	39	32	31	28	29	30	29	21.2	17.7	17.8	15.6	15.7	16.2	15.7
N.C	110	98	98	81	81	85	82	24.1	19.9	19.3	14.8	14.7	15.3	14.8
S.C	60	53	52	47	48	50	50	25.1	20.8	20.1	16.6	16.8	17.4	17.1
Ga	100	94	97	80	79	85	84	25.3	21.7	21.1	16.2	15.9	16.8	16.6
Fla	116	107	115	106	105	111	113	23.3	18.4	16.9	12.7	12.4	13.1	13.1
E.S.C	**294**	**258**	**248**	**219**	**219**	**233**	**229**	**24.4**	**20.1**	**19.4**	**16.2**	**16.0**	**16.8**	**16.4**
Ky	72	62	60	55	55	59	57	23.8	19.4	18.7	16.1	16.1	17.0	16.4
Tenn	82	73	72	62	63	67	67	23.0	19.0	18.4	14.9	14.9	15.5	15.4
Ala	81	71	67	58	58	62	60	24.7	20.4	19.4	16.1	15.8	16.8	16.2
Miss	59	52	49	44	43	45	44	27.2	22.5	22.1	18.7	18.2	19.0	18.4
W.S.C	**431**	**375**	**386**	**361**	**366**	**385**	**393**	**25.4**	**20.2**	**20.0**	**17.3**	**17.3**	**17.8**	**17.8**
Ark	41	37	35	34	34	36	35	22.7	18.7	18.5	16.3	16.2	16.7	16.1
La	90	80	74	68	70	75	75	27.7	22.5	20.4	17.9	18.2	19.1	18.8
Okla	51	43	45	43	44	45	46	21.9	17.3	17.5	15.7	15.8	16.2	16.1
Tex. [2]	249	216	231	216	219	229	237	26.0	20.4	20.6	17.6	17.5	17.9	18.2
Mt	**187**	**160**	**172**	**177**	**185**	**197**	**203**	**27.3**	**20.6**	**20.7**	**18.3**	**18.8**	**19.6**	**19.5**
Mont	17	14	13	12	13	13	14	25.9	19.3	18.2	16.1	16.7	17.5	17.4
Idaho	17	13	14	16	17	19	19	25.7	19.3	20.3	19.8	20.9	22.0	22.0
Wyo	9	7	7	7	7	8	9	25.8	19.3	19.6	18.6	18.9	20.4	20.4
Colo	43	37	42	40	41	43	44	24.5	18.7	18.8	15.9	15.9	16.4	16.3
N. Mex	31	24	22	21	22	23	24	32.3	23.6	21.8	18.3	18.9	19.4	19.7
Ariz	37	34	38	40	40	42	43	28.2	21.1	21.3	17.8	17.6	18.2	18.2
Utah	26	22	27	32	35	38	39	29.5	22.5	25.5	26.3	28.7	29.9	29.5
Nev	7	9	10	9	10	10	11	25.5	21.5	19.6	15.3	15.8	16.1	16.5
Pac	**501**	**465**	**483**	**425**	**444**	**468**	**480**	**23.6**	**19.0**	**18.2**	**15.0**	**15.5**	**16.0**	**16.1**
Wash	65	53	61	51	53	57	59	22.9	17.7	17.8	14.3	14.7	15.6	15.5
Oreg	38	33	35	33	35	38	39	21.7	17.4	16.8	14.6	15.0	15.8	15.9
Calif	372	356	363	317	332	348	356	23.7	19.1	18.2	15.0	15.4	15.9	16.0
Alaska	8	7	8	7	8	8	9	33.4	27.9	25.1	21.2	20.8	20.6	21.6
Hawaii	17	16	16	16	16	17	17	27.2	23.0	21.4	18.2	18.5	18.9	18.6

[1] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.

[2] Exclusion of births to nonresidents beginning 1970 affects comparability with data for earlier years.

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

No. 90. Live Births, by Race—States: 1970 to 1978

[In thousands. Registered births by place of residence. Excludes births to nonresidents of the U.S. See Appendix III]

Division and State	1970		1975		1978	
	White	Black and other	White	Black and other	White	Black and other
U.S	3,091	640	2,552	592	2,681	652
N.E	188	12	137	11	140	12
Maine	16	(Z)	15	(Z)	16	(Z)
N.H	13	(Z)	11	(Z)	12	(Z)
Vt	8	(Z)	7	(Z)	7	(Z)
Mass	90	5	63	5	63	6
R.I	15	1	10	1	11	1
Conn	45	6	31	4	32	5
M.A	523	108	386	91	383	96
N.Y	257	61	184	52	180	54
N.J	98	22	73	18	73	21
Pa	168	25	129	20	131	21
E.N.C	645	109	510	99	522	105
Ohio	175	25	137	22	137	24
Ind	90	9	73	9	74	10
Ill	163	43	130	39	134	41
Mich	144	28	110	24	114	25
Wis	73	4	60	5	63	5
W.N.C	262	22	224	21	241	24
Minn	67	2	54	2	59	3
Iowa	47	1	40	1	43	1
Mo	68	13	57	11	61	12
N. Dak	10	1	10	1	10	1
S. Dak	10	1	10	2	11	2
Nebr	24	1	22	1	23	2
Kans	35	3	31	3	33	4
S.A	416	159	338	145	347	158
Del	8	2	6	2	6	2
Md	52	17	38	15	38	17
D.C	2	13	1	8	1	8
Va	67	19	53	17	54	19
W. Va	30	1	27	1	28	1
N.C	70	29	55	26	56	27
S.C	33	19	28	19	29	21
Ga	66	30	52	28	53	31
Fla	87	28	78	28	82	32
E.S.C	182	66	159	60	164	64
Ky	55	5	50	5	52	6
Tenn	57	15	49	14	51	15
Ala	45	22	38	20	39	21
Miss	26	23	23	21	23	22
W.S.C	306	80	283	78	307	86
Ark	26	9	25	9	26	9
La	46	28	41	27	45	30
Okla	38	7	35	8	37	9
Tex	195	36	182	34	199	36
Mt	157	15	160	17	182	20
Mont	11	1	11	1	12	1
Idaho	14	(Z)	16	(Z)	19	1
Wyo	6	(Z)	7	(Z)	8	1
Colo	39	2	38	3	41	3
N. Mex	19	3	18	3	20	4
Ariz	32	5	33	6	36	7
Utah	26	1	31	1	37	1
Nev	8	1	8	1	9	2
Pac	413	69	354	70	394	86
Wash	56	5	46	5	53	6
Oreg	33	2	32	2	37	2
Calif	313	50	267	50	293	63
Alaska	6	2	5	2	6	3
Hawaii	5	12	4	11	4	12

Z Fewer than 500.

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

No. 91. Live Births, by Attendant and Place of Delivery, and Median and Low-Birth Weight, by Race: 1950 to 1978

[Represents registered births. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 87. See Appendix III]

Year	Births attended (1,000)			Median birth weight			Percent of births with low birth weight[3]		
	Physician in hospital[1]	Not in hospital		Total	White	Black and other	Total	White	Black and other
		Physician	Midwife and other[2]						
1950	3,126	252	177	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-3 oz.	7.6	7.2	10.4
1955	3,819	101	128	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-1 oz.	7.7	6.9	11.8
1960	4,114	49	94	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.7	6.8	12.8
1965	3,661	33	66	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	8.3	7.2	13.8
1970	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.3
1972	3,234	7	18	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.7	6.5	12.9
1973	3,115	7	16	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.6	6.4	12.5
1974	3,134	11	16	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	12.4
1975	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	12.2
1976	3,124	12	32	7 lb.-6 oz.	7 lb.-7 oz.	7 lb.-0 oz.	7.3	6.1	12.1
1977	3,278	13	36	7 lb.-6 oz.	7 lb.-8 oz.	7 lb.-0 oz.	7.1	5.9	11.9
1978	3,301	12	21	7 lb.-6 oz.	7 lb.-8 oz.	7 lb.-0 oz.	7.1	5.9	11.9

[1] Includes all births in hospitals or institutions and in clinics. [2] Includes births with attendant not specified.
[3] Births of 2,500 grams (5 lb.-8 oz.) or less at birth.

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

No. 92. Plural Birth Ratios, by Race and Age of Mother: 1965 to 1978

[Ratios are all plural live births per 1,000 total live births in specified groups. Beginning 1971, excludes births to nonresidents of the U.S. See Appendix III]

Age of mother	Total				White				Black and other			
	1965	1971	1975	1978	1965	1971	1975	1978	1965	1971	1975	1978
Total	**20.1**	**18.1**	**19.2**	**19.6**	**19.0**	**17.3**	**18.5**	**18.8**	**25.8**	**21.9**	**22.1**	**22.9**
Under 15 yr	10.8	10.4	10.6	10.6	12.3	8.7	9.9	7.8	10.1	11.3	11.1	12.6
15-19 yr	12.6	11.7	12.8	13.7	11.7	10.8	11.8	12.6	15.1	14.0	15.4	16.2
20-24 yr	17.3	16.5	17.9	17.9	16.4	15.4	16.8	16.7	22.6	22.1	23.0	22.8
25-29 yr	21.9	20.3	21.4	21.6	20.3	19.3	20.7	20.8	31.3	27.1	25.5	26.3
30-34 yr	27.0	24.1	25.0	24.4	25.1	23.2	24.1	23.6	36.9	29.1	30.1	28.7
35-39 yr	29.5	27.6	26.3	27.1	27.6	26.4	25.5	25.9	38.8	32.8	29.4	32.3
40-44 yr	23.3	22.6	23.7	19.8	22.4	21.6	22.9	17.8	27.9	26.2	26.7	26.4
45-49 yr	16.9	18.1	8.6	8.8	17.2	14.7	8.1	6.4	15.7	29.1	10.2	16.1

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

No. 93. Lifetime Births Expected Per 1,000 Wives: 1967 to 1979

[Refers to currently married women in the civilian noninstitutional population. Based on Current Population Survey; see text, p. 1]

Year and month	Lifetime births to all wives aged—				Lifetime births to white wives aged—				Lifetime births to black wives aged—			
	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39
1967 (Feb.-Mar.)	2,852	3,037	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June)	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June)	2,173	2,260	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1977 (June)	2,137	2,197	2,468	2,948	2,140	2,183	2,424	2,876	2,092	2,304	2,990	3,867
1978 (June)	2,166	2,215	2,424	(NA)	2,139	2,188	2,395	(NA)	2,461	2,604	2,789	(NA)
1979 (June)	2,164	2,193	2,282	(NA)	2,145	2,169	2,259	(NA)	2,361	2,554	2,580	(NA)

NA Not available.

No. 94. Lifetime Births Expected by Wives, 18-34 Years Old—Percent Distribution: 1967 to 1979

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

Number of births expected	1967					1975					
	Race		Age			Race			Age		
	White	Black	18-24 years	25-29 years	30-34 years	White	Black	Spanish origin[1]	18-24 years	25-29 years	30-34 years
None	2.2	3.0	1.3	2.5	6.1	4.9	3.0	3.2	4.1	4.9	5.2
One	5.5	8.1	6.1	5.1	5.5	10.8	10.7	10.6	11.2	11.7	9.8
Two	31.4	24.9	37.1	29.3	18.8	49.8	40.0	40.4	58.2	50.4	38.3
Three	30.3	25.1	29.8	33.5	14.9	23.3	22.4	25.2	19.4	23.3	26.8
Four or more	30.6	39.0	25.7	29.9	55.3	11.1	24.0	20.5	7.0	9.8	19.8

Number of births expected	1979										
	Race			Age			Education			Labor force status	
	White	Black	Spanish origin[1]	18-24 years	25-29 years	30-34 years	Not high school graduate	High school, 4 years	College, 1 year or more	In labor force	Not in labor force
None	5.8	4.2	3.5	5.2	5.3	6.4	3.6	5.2	7.3	8.2	2.5
One	12.3	14.0	8.5	11.8	12.9	12.6	11.3	12.3	13.3	15.3	8.9
Two	51.5	40.7	40.5	54.9	51.9	46.2	40.0	51.3	54.9	52.2	48.9
Three	21.4	23.3	28.1	20.9	21.3	22.4	26.1	22.8	17.8	17.7	26.5
Four or more	8.9	17.9	19.5	7.1	8.6	12.4	19.1	8.5	6.7	6.7	13.9

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

Source of tables 93 and 94: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 301, earlier issues, and forthcoming report.

NO. 95. BIRTHS TO UNMARRIED WOMEN, BY RACE AND AGE OF MOTHER: 1950 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of U.S. Includes estimates for States in which marital status data were not reported. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28-35]

RACE AND AGE	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total live births (1,000)	**141.6**	**183.3**	**224.3**	**291.2**	**398.7**	**407.3**	**418.1**	**447.9**	**468.1**	**515.7**	**543.9**
Percent of all births[1]	4.0	4.5	5.3	7.7	10.7	13.0	13.2	14.2	14.8	15.5	16.3
White (1,000)	53.5	64.2	82.5	123.7	175.1	163.0	168.5	186.4	197.1	220.1	233.6
Black and other (1,000)	88.1	119.2	141.8	167.5	223.6	244.3	249.6	261.6	271.0	295.5	310.2
Percent of total	62.2	65.0	63.2	57.5	56.1	60.0	59.7	58.4	57.9	57.3	57.0
Percent White of all White births	1.7	1.8	2.3	4.0	5.7	6.4	6.5	7.3	7.7	8.2	8.7
Percent Black and other of all Black and other births	16.8	19.4	21.6	26.3	34.9	41.7	42.7	44.2	45.2	46.5	47.5
Births, by age of mother:											
Under 15 years (1,000)	3.2	3.9	4.6	6.1	9.5	10.9	10.6	11.0	10.3	10.1	9.4
15-19 years (1,000)	56.0	68.9	87.1	123.1	190.4	204.9	210.8	222.5	225.0	239.7	239.7
20-24 years (1,000)	43.1	55.7	68.0	90.7	126.7	119.1	122.7	134.0	145.4	168.6	186.5
25-29 years (1,000)	20.9	28.0	32.1	36.8	40.6	43.1	44.9	50.2	55.4	62.4	70.0
30-34 years (1,000)	10.8	16.1	18.9	19.6	19.1	18.5	18.6	19.8	21.0	23.7	26.5
35 yr. and over (1,000)	7.7	10.7	13.6	15.1	12.4	10.8	10.5	10.4	10.9	11.1	11.7
Percent of births to mothers—											
19 yr. and under	41.8	39.7	40.9	44.4	50.1	53.0	53.0	52.1	50.3	48.4	45.8
20-29 years	45.2	45.7	44.6	43.8	42.0	39.8	40.1	41.1	42.9	44.8	47.2
Birth rate[2]	**14.1**	**19.3**	**21.6**	**23.5**	**26.4**	**24.5**	**24.1**	**24.8**	**24.7**	**26.0**	**26.2**
White[2]	6.1	7.9	9.2	11.6	13.8	11.9	11.8	12.6	12.7	13.7	13.9
Black and other[2]	71.2	87.2	98.3	97.6	89.9	84.2	81.5	80.4	78.1	79.4	78.7
15-19 years	12.6	15.1	15.3	16.7	22.4	22.9	23.2	24.2	24.0	25.5	25.4
20-24 years	21.3	33.5	39.7	39.9	38.4	31.8	30.9	31.6	32.2	34.7	36.1
25-29 years	19.9	33.5	45.1	49.3	37.0	30.0	28.4	28.0	27.5	28.5	29.4
30-34 years	13.3	22.0	27.8	37.5	27.1	20.5	18.6	18.1	17.8	17.2	17.3

[1] For total births, see table 85. [2] Rate per 1,000 unmarried (never-married, widowed, and divorced) women aged 15-44 years enumerated as of April 1 for 1950, 1960, and 1970, and estimated as of July 1 for all other years.

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

NO. 96. CHILDREN EVER BORN TO SINGLE WOMEN, BY AGE OF WOMAN: 1970 TO 1979

[Refers to women never-married at time of survey, **1970** as of April, based on the enumerated resident population, **1976** and **1979** as of June, based on the civilian noninstitutional population from Current Population Survey. See text, p. 1]

ITEM	ALL SINGLE WOMEN[1]			WHITE SINGLE WOMEN			BLACK SINGLE WOMEN		
	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years
1970									
Single women (1,000)	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Children ever born (1,000)	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women	216	154	506	102	72	244	867	635	1,758
Percent distribution by number born:									
None	90.0	91.1	82.6	94.7	95.7	90.6	60.2	64.1	45.6
One			6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more	10.0	8.9	10.8	2.2	1.2	4.9	20.2	15.5	38.6
1976									
Single women (1,000)	10,180	8,823	1,357	8,189	7,157	1,032	1,772	1,476	296
Children ever born (1,000)	2,198	1,425	773	608	405	203	1,544	983	561
Rate per 1,000 women	216	162	570	74	57	197	871	666	1,895
Percent distribution by number born:									
None	88.1	89.5	79.3	95.1	95.7	90.4	56.1	59.3	40.1
One	6.8	6.9	6.8	3.4	3.3	4.2	22.7	24.0	16.2
Two or more	5.0	3.7	13.9	1.5	.9	5.4	21.2	16.7	43.8
1979									
Single women (1,000)	12,004	10,336	1,668	9,477	8,248	1,229	2,253	1,857	396
Children ever born (1,000)	3,044	2,071	973	904	674	230	2,085	1360	725
Rate per 1,000 women	254	200	583	95	82	187	925	732	1831
Percent distribution by number born:									
None	85.1	86.6	76.1	93.3	93.8	89.8	50.7	54.4	32.9
One	9.1	8.9	10.1	4.9	4.8	5.9	26.8	27.6	22.9
Two or more	5.8	4.5	13.9	1.9	1.5	4.6	22.6	17.9	44.2

[1] Includes races not shown separately.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born*, PC(2)-3A; and *Current Population Reports*, series P-20, No. 308, and forthcoming report.

No. 97. Childless Women and Children Ever Born, by Age of Woman: 1950 to 1979

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

Age (years)	1950 (Apr.)	1954 (Apr.)	1960 (Apr.)	1965 (June)	1970 (Apr.)	1975 (June)	1978 (June)	1979 (June) Total	White	Black	Spanish origin [1]
	Percent childless among women ever married										
15-44	22.8	18.1	15.0	14.2	16.4	18.0	18.9	19.0	19.7	12.4	15.2
15-19	52.8	47.0	43.6	48.0	50.9	50.6	54.2	48.5	49.6	(B)	38.3
20-24	33.3	24.3	24.2	28.0	35.7	42.3	40.9	40.5	42.4	21.4	26.7
25-29	21.1	16.9	12.6	11.7	15.8	21.1	25.2	26.2	27.4	14.8	19.8
30-34	17.3	13.4	10.4	7.2	8.3	8.8	11.6	13.1	13.4	10.8	6.4
35-39	19.1	15.9	11.1	8.7	7.3	5.3	7.0	7.1	7.1	7.7	6.6
40-44	20.0	17.8	14.1	11.0	8.6	7.0	6.1	6.7	6.6	7.6	8.5
45-49	20.4	19.0	18.1	13.9	10.6	7.3	7.2	7.1	6.9	9.3	12.7
50-59	18.1	(NA)	20.7	19.3	15.6	11.5	9.8	9.7	9.2	15.0	7.5
	Children ever born per 1,000 women ever married										
15-44	1,859	2,037	2,314	2,477	2,360	2,140	2,040	1,993	1,924	2,624	2,348
15-19	604	667	792	685	636	601	548	649	630	(B)	798
20-24	1,082	1,337	1,441	1,328	1,071	886	908	919	879	1,325	1,319
25-29	1,654	1,930	2,241	2,360	1,984	1,580	1,443	1,411	1,364	1,896	1,770
30-34	2,059	2,247	2,627	2,950	2,806	2,387	2,135	2,029	1,993	2,424	2,708
35-39	2,247	2,334	2,686	3,016	3,170	2,994	2,788	2,678	2,593	3,340	3,350
40-44	2,364	2,335	2,564	2,856	3,097	3,282	3,212	3,108	2,993	4,018	3,253
45-49	2,492	2,436	2,402	2,603	2,854	3,152	3,236	3,249	3,168	3,921	3,634
50-59	2,822	(NA)	2,420	2,350	2,520	2,759	2,944	2,968	2,885	3,685	3,892

B Base less than 75,000. NA Not available. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950*, Special Report, *Fertility*, part 5; *U.S. Census of Population: 1960* and *1970*, vol. I, *Characteristics of the Population*, part 1, *U.S. Summary; Current Population Reports*, series P-20, No. 341, earlier issues, and forthcoming report.

No. 98. First Births to Women at Stated Intervals From First Marriage, by Race: 1975

[Data limited to women born since 1900. Based on results of June 1975 Current Population Survey; see text, p. 1]

Race and period of first marriage	Number of women (1,000)	Cumulative percent with first child born— Before first marriage	After first marriage— 7 mo.	12 mo.	24 mo.
All women:					
First married—					
1930-1934	3,639	5.1	11.4	27.3	48.4
1935-1939	4,870	4.0	10.1	26.8	49.3
1940-1944	5,711	4.7	10.1	25.7	50.2
1945-1949	6,653	5.6	11.8	32.9	57.5
1950-1954	6,031	6.5	14.5	35.0	60.6
1955-1959	6,062	7.6	18.7	42.0	68.2
1960-1964	6,268	8.2	21.6	43.8	67.3
1965-1969	7,337	8.3	22.9	39.6	57.2
1970-1974	7,845	9.5	[1] 22.1	[1] 32.9	[1] 48.4
White women:					
First married—					
1930-1934	3,282	3.9	9.5	25.8	47.7
1935-1939	4,393	2.7	8.2	25.0	48.1
1940-1944	5,180	2.9	7.6	23.6	49.5
1945-1949	5,968	3.4	8.8	30.8	56.9
1950-1954	5,337	4.2	11.5	33.1	59.8
White women:					
First married—					
Con.—					
1955-1959	5,262	4.5	14.8	39.7	67.6
1960-1964	5,520	5.1	17.7	41.1	66.0
1965-1969	6,426	5.1	19.9	37.2	55.1
1970-1974	6,896	6.1	[1] 18.6	[1] 29.6	[1] 45.4
Black women:					
First married—					
1930-1934	759	17.9	30.4	43.7	57.4
1935-1939					
1940-1944	1,104	25.2	38.5	50.4	60.5
1945-1949					
1950-1954	1,308	28.8	44.1	56.0	71.3
1955-1959					
1960-1964	645	34.1	54.8	67.2	79.1
1965-1969	754	35.1	50.0	62.1	75.0
1970-1974	758	37.5	[1] 52.5	[1] 62.0	[1] 72.5

[1] Data adjusted for the part of the cohort that had not completed the stated interval since first marriage.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 315.

NO. 99. UNWANTED BIRTHS OF ALL MOTHERS, 15–44 YEARS OLD: 1973 AND 1976

[Data represent the birth experience to date of all mothers 15-44 years old who have been married or are single with children of their own in the household. From the 1973 and 1976 National Survey of Family Growth; based on a multi-stage area probability sample. Data are subject to sampling variability]

CHARACTERISTIC	1973				1976					
	Number of mothers (1,000)	Total live births[1] (1,000)	Unwanted births[2]		Number of mothers (1,000)	Total live births[1] (1,000)	Unwanted births[2]		All births per mother	Unwanted[2] births per mother
			Number (1,000)	Percent			Number (1,000)	Percent		
Total mothers[3]	**25,803**	**68,184**	**8,910**	**13.1**	**[4]27,055**	**[4]67,849**	**8,125**	**12.0**	**2.51**	**.30**
Race:										
White	22,182	57,551	6,068	10.5	22,837	56,238	5,350	9.5	2.46	.23
Black	3,359	9,984	2,783	27.9	3,726	10,525	2,716	25.8	2.82	.73
Education:										
Less than high school	2,622	9,123	1,501	16.5	2,187	7,274	1,264	17.4	3.33	.58
High school: 1-3 years	5,697	16,884	3,024	17.9	5,478	15,543	2,405	15.5	2.84	.44
4 years	12,161	29,917	3,307	11.1	12,651	30,405	3,391	11.2	2.40	.27
College: 1-3 years	3,182	7,585	734	9.7	3,763	8,391	776	9.3	2.23	.21
4 years or more	2,140	4,675	344	7.4	2,925	6,114	286	4.7	2.09	.10
Currently married mothers[3]	**21,816**	**57,524**	**6,418**	**11.2**	**[4]22,253**	**[4]55,900**	**5,516**	**9.9**	**2.51**	**.25**
Race:										
White	19,764	51,391	5,055	9.8	19,921	49,453	4,299	8.7	2.48	.22
Black	1,822	5,561	1,331	23.9	1,927	5,533	1,177	21.3	2.87	.61
Education:										
Less than high school	1,948	6,846	838	12.2	1,663	5,584	832	14.9	3.36	.50
High school: 1-3 years	4,482	13,274	2,114	15.9	3,951	11,226	1,320	11.8	2.84	.33
4 years	10,646	26,494	2,586	9.8	10,741	26,120	2,547	9.8	2.43	.24
College: 1-3 years	2,816	6,722	602	9.0	3,244	7,381	597	8.1	2.28	.18
4 years or more	1,924	4,187	279	6.7	2,613	5,503	219	4.0	2.11	.08

[1] Multiple births counted only once. [2] All births which mothers report as "not wanted" or "probably not wanted" at time of becoming pregnant. [3] Includes races not shown separately. [4] Includes education not reported.

Source: U.S. National Center for Health Statistics, *Wanted and Unwanted Births Reported by Mothers, 15-44 Years of Age: United States, 1973* and *1976; Advance Data From Vital and Health Statistics,* HRA 77-1250 and PHS 80-1250; and unpublished data.

NO. 100. CONTRACEPTIVE USE BY CURRENTLY MARRIED WOMEN 15–44 YEARS OLD, BY AGE, RACE, AND METHOD OF CONTRACEPTION: 1965 TO 1976

[Data from 1965 and 1970 National Fertility Survey and 1973 and 1976 National Survey of Family Growth; see headnote, table 99]

RACE AND METHOD OF CONTRACEPTION	Total, 15–44 years old				15–24 yr. old		25–34 yr. old		35–44 yr. old	
	1965	1970	1973	1976	1970	1976	1970	1976	1970	1976
WHITE WOMEN										
Currently married (1,000)	**22,382**	**23,220**	**24,249**	**24,795**	**5,595**	**5,412**	**9,578**	**10,993**	**8,047**	**8,390**
Percent using contraception	64.9	65.7	70.5	[1]68.7	63.8	[1]69.8	69.0	[1]71.7	63.5	[1]64.4
Wife sterilized	4.1	4.9	8.2	[1]9.6	.4	[1]2.4	4.9	[1]10.7	8.2	[1]12.6
Husband sterilized	3.5	5.5	8.4	[1]9.7	.8	[1]1.1	5.4	[1]9.3	8.9	[1]15.9
Pill	15.6	22.4	25.1	22.6	37.6	43.9	23.7	23.4	10.2	7.9
Intra-uterine device	.7	4.8	6.6	6.3	5.3	6.3	6.6	7.5	2.3	4.8
Diaphragm	6.8	3.8	2.5	3.0	1.7	2.8	3.9	3.2	5.2	3.0
Condom	14.5	9.7	9.9	7.5	5.9	5.3	9.7	7.6	12.4	8.7
Foam	2.0	4.0	3.5	2.9	4.8	2.9	4.9	3.0	2.4	2.8
Rhythm	7.5	4.4	2.9	3.5	2.3	2.6	4.1	3.4	6.3	4.3
All other	10.2	6.2	3.4	3.6	5.0	2.5	5.8	3.6	7.6	4.4
BLACK WOMEN										
Currently married (1,000)	**2,091**	**2,031**	**2,081**	**2,169**	**506**	**509**	**787**	**912**	**738**	**749**
Percent using contraception	57.2	59.2	60.0	[1]58.5	60.5	[1]58.8	67.3	[1]62.7	49.4	[1]53.4
Wife sterilized	8.3	11.4	13.6	[1]10.9	1.0	[1]3.7	11.2	[1]9.2	18.7	[1]17.9
Husband sterilized	.3	.6	1.0	[1]1.7	–	[1].3	.7	[1].4	1.1	[1]4.3
Pill	12.4	22.1	26.3	22.2	35.9	35.8	26.4	26.6	8.1	7.7
Intra-uterine device	1.7	4.5	7.6	6.2	6.2	6.0	5.6	7.2	2.1	5.1
Diaphragm	2.9	3.1	1.2	1.8	1.5	.2	3.6	1.7	3.5	2.9
Condom	9.7	4.0	3.2	4.6	4.1	3.3	3.6	5.6	4.2	4.3
Foam	3.5	3.6	3.0	3.8	4.1	2.0	4.3	4.3	2.5	4.5
Rhythm	1.4	1.0	.8	1.4	.5	3.4	1.3	.4	1.1	1.4
All other	17.0	8.8	3.2	5.9	7.2	4.1	10.6	7.3	8.1	5.3

– Represents zero. [1] Due to changes in wording of the question on contraceptive intent of sterilization operations in the 1976 survey, estimates should be considered conservative.

Source: 1965–1970, Westoff, C. F. "Trends in Contraceptive Practice: 1965–1973." In Alan Guttmacher Institute, *Family Planning Perspectives,* vol. 8, No. 2, 1976; 1973 and 1976, U.S. National Center for Health Statistics, unpublished data.

No. 101. Legal Abortions—Estimated Number, Rate, and Ratio by Race: 1972 to 1978

[Refers to women 15–44 years old at time of abortion. Minus sign (–) denotes decrease]

ITEM	1972		1975		1976		1977		1978	
	White	Black [1]	White	Black [1]	White	Black [1]	White	Black [1]	White	Black [1]
Total women, 15–44 yr. old (1,000)	38,381	6,014	40,485	6,633	41,254	6,855	42,022	7,071	42,741	7,288
Number of abortions (1,000)	455.3	131.5	701.2	333.0	784.9	394.4	891.2	429.1	969.4	440.2
Annual percent change	(X)	(X)	15.5	36.3	11.9	18.4	13.5	8.8	8.8	2.6
Abortion rate per 1,000 women	11.9	21.9	17.3	50.2	19.0	57.5	21.2	60.7	22.7	60.4
Annual percent change	(X)	(X)	13.3	31.9	9.8	14.5	11.5	5.6	7.1	–.5
Abortion ratio per 1,000 live births	175	223	276	566	296	630	334	681	356	665
Annual percent change	(X)	(X)	16.4	36.4	7.2	11.3	12.8	8.1	6.6	–2.3

X Not applicable. [1] Includes other races.

Source: Alan Guttmacher Institute, New York, N.Y. unpublished data. Includes data from U.S. Bureau of the Census, U.S. National Center for Health Statistics, and U.S. Center for Disease Control, Atlanta, Ga.

No. 102. Legal Abortions, by Selected Characteristics: 1973 to 1978

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

CHARACTERISTIC	NUMBER (1,000)					PERCENT DISTRIBUTION					ABORTION RATIO [1]	
	1973	1975	1976	1977	1978	1973	1975	1976	1977	1978	1973	1978
Total legal abortions	**744.6**	**1,034.2**	**1,179.3**	**1,320.3**	**1,409.6**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**193**	**294**
Age of woman:												
Less than 15 years old	11.6	15.3	15.8	15.7	15.1	1.6	1.5	1.3	1.2	1.1	476	580
15–19 years old	232.4	324.9	362.7	397.7	418.8	31.2	31.4	30.8	30.1	29.7	280	432
20–24 years old	240.6	331.6	392.3	450.9	489.4	32.3	32.1	33.3	34.2	34.7	181	297
25–29 years old	129.6	188.9	220.5	247.4	266.0	17.4	18.2	18.7	18.7	18.8	128	205
30–34 years old	72.6	100.2	110.1	124.7	134.3	9.7	9.7	9.3	9.4	9.5	165	218
35–39 years old	41.0	52.7	56.7	61.9	65.3	5.5	5.1	4.8	4.7	4.7	246	338
40 years old and over	16.8	20.5	21.3	22.1	20.7	2.3	2.0	1.8	1.7	1.5	334	461
Race of woman:												
White	548.8	701.2	784.9	891.2	969.4	73.7	67.8	66.6	67.5	68.8	178	263
Black and other	195.8	333.0	394.4	429.1	440.2	26.3	32.2	33.4	32.5	31.2	252	399
Marital status of woman:												
Married	216.2	271.9	290.0	300.5	350.6	29.0	26.3	24.6	22.8	24.9	74	110
Unmarried	528.4	762.3	889.3	1,019.8	1,059.0	71.0	73.7	75.4	77.2	75.1	564	657
Number of living children:												
None	375.2	499.3	562.6	663.1	798.1	50.4	48.3	47.7	50.2	56.6	242	357
1	137.4	206.8	244.4	269.1	271.3	18.5	20.0	20.7	20.4	19.2	108	200
2	102.2	156.8	181.5	194.5	198.0	13.7	15.2	15.4	14.7	14.1	190	280
3	61.7	86.8	97.7	100.0	83.3	8.3	8.4	8.3	7.6	5.9	228	300
4 or more	68.2	84.4	93.1	93.6	58.9	9.1	8.1	7.9	7.1	4.2	196	275
Number of prior induced abortions:												
None	(NA)	822.1	911.3	969.4	994.5	(NA)	79.5	77.3	73.4	70.5	(NA)	(NA)
1	(NA)	170.4	213.2	268.6	315.5	(NA)	16.5	18.1	20.3	22.4	(NA)	(NA)
2	(NA)	30.4	40.4	55.4	71.9	(NA)	2.9	3.4	4.2	5.1	(NA)	(NA)
3	(NA)	11.3	14.3	27.0	27.7	(NA)	1.1	1.2	2.1	2.0	(NA)	(NA)
Weeks of gestation:												
Less than 9 weeks	284.3	480.6	559.9	659.7	707.8	38.2	46.5	47.4	50.0	50.2	(NA)	(NA)
9–10 weeks	221.6	290.4	333.8	362.2	388.4	29.7	28.1	28.3	27.4	27.6	(NA)	(NA)
11–12 weeks	130.6	151.1	171.3	180.0	187.7	17.5	14.6	14.5	13.6	13.3	(NA)	(NA)
13 weeks or more	108.2	112.1	114.4	118.5	125.7	14.6	10.8	9.8	9.0	8.9	(NA)	(NA)

NA Not available. [1] Number of abortions per 1,000 abortions and live births. Age of woman refers to age at time of abortion or birth.

Source: 1973–1977, Forrest, J. D., E. Sullivan, and C. Tietze, "Abortion in the United States, 1977–1978." In Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 11, No. 6, 1979. 1978, Alan Guttmacher Institute, "Abortion in the United States, 1978–79," forthcoming report.

NO. 103. LEGAL ABORTIONS—NUMBER, RATE PER 1,000 WOMEN 15–44 YEARS OLD, AND ABORTION/LIVE BIRTHS, RATIO BY STATE OF OCCURRENCE: 1973 TO 1978 [1]

[*Numbers of legal abortions* are from two surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15–44 years of age on July 1 of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from **July 1, 1973,** to **June 30, 1974,** from **July 1, 1975,** to **June 30, 1976,** from **July 1, 1977,** to **June 30, 1978,** and from **July 1, 1978** to **June 30, 1979,** respectively, by State of occurrence]

STATE	NUMBER OF ABORTIONS (1,000)				RATE PER 1,000 WOMEN				RATIO: ABORTIONS PER 1,000 LIVE BIRTHS			
	1973	1975	1977	1978	1973	1975	1977	1978	1973	1975	1977	1978
U.S	**744.6**	**1,034.2**	**1,320.3**	**1,409.6**	**16.5**	**22.1**	**26.9**	**28.2**	**239**	**331**	**400**	**417**
N. Eng	**23.1**	**54.1**	**69.6**	**77.4**	**9.0**	**20.1**	**25.3**	**27.8**	**152**	**372**	**460**	**497**
Maine	.7	2.0	3.3	5.2	3.5	9.5	13.9	20.9	47	136	218	335
N.H	.6	1.8	3.5	4.0	3.5	10.8	18.8	20.9	52	178	273	311
Vt	1.5	2.2	2.4	3.3	15.4	22.1	22.5	30.2	233	350	363	464
Mass	12.4	33.3	39.3	42.6	10.0	25.7	29.7	31.7	173	488	568	596
R.I	1.1	3.3	4.2	4.6	5.8	16.0	21.2	22.9	96	298	357	379
Conn	6.8	11.4	16.8	17.8	10.0	16.1	24.2	25.4	188	328	474	484
Mid. Atl	**252.9**	**250.6**	**293.3**	**300.2**	**31.3**	**29.7**	**35.6**	**36.3**	**536**	**532**	**617**	**630**
N.Y	212.7	170.7	186.0	187.1	52.9	40.7	46.0	46.1	904	727	803	813
N.J	10.2	32.4	45.3	48.0	6.4	19.4	27.8	29.1	113	369	500	531
Pa	29.9	47.4	62.0	65.2	12.1	18.5	24.3	25.3	200	320	405	417
E. No. Cent	**97.4**	**166.6**	**212.4**	**216.8**	**10.9**	**17.8**	**22.9**	**23.2**	**161**	**280**	**345**	**340**
Ohio	17.3	44.6	60.3	57.1	7.3	17.9	25.0	23.5	109	290	384	345
Ind	1.8	7.7	10.4	15.3	1.5	6.3	8.7	12.8	21	94	126	179
Ill	32.8	60.3	71.9	70.3	13.4	23.6	28.5	27.6	199	363	420	399
Mich	37.5	42.7	53.6	56.6	18.7	20.3	25.4	26.5	272	330	392	407
Wis	8.2	11.3	16.2	17.5	8.6	11.4	15.8	16.9	129	176	236	248
W. No. Cent	**29.6**	**51.4**	**62.5**	**63.8**	**8.6**	**14.3**	**16.9**	**17.0**	**127**	**208**	**234**	**235**
Minn	7.3	12.8	17.2	17.6	8.8	14.7	19.4	19.5	137	229	281	277
Iowa	2.3	6.2	7.0	7.5	4.0	10.4	11.4	12.1	59	150	156	165
Mo	3.4	11.0	14.9	15.6	3.4	10.5	14.1	14.5	49	156	194	203
N. Dak	–	.9	1.9	2.2	–	7.1	12.9	14.7	–	80	157	180
S. Dak	1.6	1.6	1.4	1.4	12.5	11.5	9.5	9.2	153	138	119	115
Nebr	2.3	4.6	5.4	6.6	7.3	14.3	15.5	18.8	99	193	215	260
Kans	12.6	14.3	14.7	12.9	26.9	29.5	29.4	25.4	413	440	423	359
So. Atl	**114.4**	**172.4**	**212.7**	**236.0**	**16.5**	**23.8**	**26.5**	**28.6**	**233**	**362**	**420**	**461**
Del	2.1	2.4	3.0	3.5	16.0	17.4	21.5	24.2	255	280	346	389
Md	11.1	21.8	23.7	25.8	11.9	22.2	23.7	25.1	241	485	496	524
D.C	44.6	31.4	31.6	30.9	233.6	158.0	176.1	173.4	2,355	1,619	1,456	1,861
Va	8.4	20.3	28.2	30.4	7.8	18.0	23.0	24.2	124	303	400	420
W. Va	(z)	.1	2.2	2.8	.1	.3	5.7	7.1	2	4	72	93
N.C	12.3	20.0	25.1	30.1	10.7	16.7	19.2	22.6	146	252	300	362
S.C	2.2	6.2	8.9	13.1	3.8	10.3	13.0	18.6	47	137	188	264
Ga	11.0	23.8	32.5	36.1	10.3	21.4	26.9	29.2	129	294	384	426
Fla	22.9	46.5	57.5	63.5	15.8	30.5	30.7	32.2	214	449	520	540
E. So. Cent	**12.7**	**32.5**	**56.5**	**54.6**	**4.6**	**11.2**	**18.0**	**17.1**	**49**	**146**	**241**	**230**
Ky	2.6	8.5	11.5	12.5	3.8	12.0	14.7	15.6	48	148	193	210
Tenn	5.3	17.6	30.5	23.0	6.1	19.2	31.2	23.1	79	269	445	320
Ala	4.6	6.0	11.8	15.1	6.2	7.7	13.9	17.8	78	105	197	247
Miss	.1	.3	2.8	4.0	.2	.6	5.2	7.4	3	7	59	89
W. So. Cent	**19.1**	**65.9**	**99.0**	**112.9**	**4.4**	**14.6**	**20.1**	**22.3**	**53**	**179**	**256**	**277**
Ark	1.1	2.6	3.6	5.2	2.9	6.3	7.5	10.4	35	78	108	147
La	–	5.3	14.6	13.3	–	6.2	16.4	14.7	–	78	196	171
Okla	.6	6.8	10.0	11.2	1.1	11.8	16.3	17.9	15	163	230	244
Tex	17.3	51.2	70.9	83.3	6.8	19.1	24.0	27.4	79	226	301	335
Mt	**17.1**	**33.6**	**47.2**	**54.6**	**9.0**	**16.9**	**19.6**	**21.7**	**103**	**188**	**239**	**263**
Mont	.5	1.5	2.3	3.1	3.1	9.9	13.4	17.2	39	124	177	239
Idaho	.4	1.1	1.7	1.8	2.5	7.0	9.0	9.0	26	67	93	92
Wyo	.2	.5	1.0	1.1	2.6	7.3	9.6	10.8	30	79	119	123
Colo	7.6	13.6	18.7	19.8	14.4	24.8	28.3	28.5	195	338	428	424
N. Mex	4.7	5.1	6.4	6.3	20.6	21.7	22.2	20.9	227	249	282	266
Ariz	2.8	6.7	9.7	13.4	6.9	15.8	17.5	22.9	78	170	226	313
Utah	.1	2.0	3.1	3.2	6.4	7.8	10.6	10.5	4	60	79	75
Nev	1.0	3.0	4.4	6.1	7.9	23.2	28.8	38.1	108	322	429	536
Pac	**178.5**	**207.3**	**267.1**	**293.2**	**29.0**	**32.0**	**40.0**	**43.0**	**440**	**490**	**576**	**616**
Wash	17.3	20.9	31.4	34.5	22.5	25.8	38.9	42.1	373	435	550	613
Oreg	11.4	13.3	15.1	14.5	24.5	27.0	28.8	26.8	356	381	388	347
Calif	143.9	165.6	209.9	234.5	30.8	33.6	41.7	45.7	485	523	612	668
Alaska	1.2	1.6	2.6	2.6	15.7	21.7	25.0	23.0	174	202	324	284
Hawaii	4.7	5.9	8.0	7.1	26.3	31.6	38.0	33.0	303	363	480	411

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

Source: 1973 and 1975, derived from Sullivan, E., C. Tietze, and J. Dryfoos, "Legal Abortion in the United States, 1975–1976," 1977, Forrest, J. D., E. Sullivan, and C. Tietze, "Abortions in the United States, 1977–1978," 1978, Alan Guttmacher Institute, "Abortion in the United States, 1978–79," forthcoming report, in Alan Guttmacher Institute, *New York, N.Y., Family Planning Perspectives*, vol. 11, No. 6, 1978, earlier issues and forthcoming report.

No. 104. Women Obtaining Reported Legal Abortions, 1975 to 1978, and Characteristics, 1978—Selected States

[By State of occurrence. Based on available data from central health agencies with statewide reporting systems; therefore, figures may differ from those shown in table 103 which are based on surveys of hospitals and physicians]

State	Number of abortions (1,000)			Ratio: abortions to 1,000 live births		Percent distribution,[1] 1978									
						Race		Marital status		Weeks of gestation		Number of previous live births[2]			
	1975	1977	1978	1975	1978	White	Black and other	Married	Unmarried	12 or less	13 or more	None	1	2	3 or more
Alaska	1.2	1.1	.7	169	75	68.6	31.1	30.9	67.7	81.5	8.1	59.9	19.0	12.1	8.8
Ariz	(NA)	6.1	6.8	(NA)	158	81.8	13.7	23.0	71.3	90.2	7.2	63.2	17.1	11.6	8.0
Ark	1.9	2.7	5.0	57	144	76.9	22.0	26.5	72.2	92.7	7.1	(NA)	(NA)	(NA)	(NA)
Calif	142.1	164.7	172.0	448	483	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Colo	9.7	12.9	15.4	241	349	71.2	7.6	24.9	70.7	78.6	17.6	55.6	15.4	10.7	5.6
Conn	10.8	15.0	13.8	301	370	(NA)	(NA)	(NA)	(NA)	95.0	2.4	(NA)	(NA)	(NA)	(NA)
D.C	22.7	29.5	29.8	(3)	(3)	35.9	62.3	26.8	69.9	91.9	5.2	(NA)	(NA)	(NA)	(NA)
Ga	23.7	29.9	34.7	297	412	64.6	34.5	25.8	72.6	88.3	11.7	58.2	19.9	13.5	8.3
Hawaii	4.5	5.2	6.0	290	359	33.7	55.3	30.8	67.2	90.5	9.4	68.5	13.5	10.8	7.1
Idaho	(NA)	1.1	2.1	(NA)	109	96.2	2.9	(NA)	(NA)	94.0	2.9	59.8	18.3	11.8	7.4
Ill	58.7	71.3	69.8	347	400	58.7	38.9	26.7	71.2	93.3	6.1	51.6	19.4	15.0	14.0
Ind	7.9	9.5	12.0	95	144	80.4	18.2	23.8	74.6	97.2	.8	51.7	18.7	13.9	9.2
Kans	9.2	7.4	9.2	272	251	66.5	11.4	24.7	75.0	82.2	17.4	63.4	16.2	11.9	7.9
La	4.2	8.6	11.2	62	150	48.0	44.2	28.2	63.1	95.4	4.1	(NA)	(NA)	(NA)	(NA)
Md	18.9	22.2	24.7	358	446	60.5	38.1	25.8	73.3	92.2	7.8	60.4	20.8	12.1	6.4
Mass	(NA)	34.4	40.2	(NA)	586	(NA)	(NA)	(NA)	(NA)	93.4	6.6	(NA)	(NA)	(NA)	(NA)
Minn	10.6	15.5	17.3	187	278	84.5	3.8	17.2	79.3	84.3	15.7	73.4	13.2	8.2	5.3
Miss	.3	2.4	3.3	7	74	60.9	38.7	26.1	73.7	91.2	5.3	57.6	19.1	12.9	10.3
Mo	10.2	13.5	15.5	150	213	68.8	30.9	25.0	74.6	90.0	8.4	55.1	19.9	14.3	10.6
Mont	1.5	2.5	3.0	130	225	74.2	5.1	19.3	60.4	87.7	5.1	69.3	14.1	10.5	5.6
Nebr	3.4	4.5	4.8	144	193	92.4	7.4	19.6	80.4	86.6	13.1	70.7	11.8	9.3	8.1
Nev	1.8	4.3	4.7	204	431	88.4	11.2	25.7	73.5	97.9	1.5	61.1	18.6	12.4	7.5
N.H	1.4	1.7	2.3	126	185	80.8	.6	20.0	76.3	88.3	6.4	29.7	12.7	6.7	5.1
N.J	(NA)	30.7	28.4	(NA)	304	60.7	37.0	(NA)	(NA)	92.4	6.5	(NA)	(NA)	(NA)	(NA)
N. Mex	(NA)	4.6	4.8	(NA)	199	87.3	12.7	23.6	76.2	85.3	12.1	55.4	18.6	11.0	8.7
N.Y	147.2	147.6	153.7	624	657	61.3	38.0	27.9	71.4	87.3	12.4	47.7	19.5	15.6	11.8
City	106.3	102.5	105.8	(3)	(3)	51.7	48.3	29.3	69.6	87.5	12.3	47.3	22.4	17.3	12.9
Upstate	40.9	45.2	47.9	313	365	82.6	15.2	24.7	75.3	87.0	12.5	48.6	13.0	11.7	9.2
N.C	20.0	25.0	27.3	247	331	62.6	34.6	31.2	65.0	83.1	11.1	54.3	19.0	13.6	8.1
Ohio	(NA)	47.7	41.4	(NA)	258	63.7	21.8	23.1	73.3	68.5	3.5	59.8	19.0	13.0	8.2
Oreg	10.6	13.2	13.6	319	349	92.3	4.7	26.0	73.2	89.4	10.4	63.0	17.3	10.7	5.8
Pa	43.3	57.9	60.6	291	398	(NA)	(NA)	(NA)	(NA)	93.0	6.8	(NA)	(NA)	(NA)	(NA)
R.I	3.3	4.1	4.5	303	390	80.2	7.9	26.4	71.2	95.1	4.8	60.2	17.8	12.5	8.3
S.C	4.5	8.8	10.0	97	201	60.1	39.8	27.0	73.0	94.0	6.0	57.5	19.5	13.2	9.8
S. Dak	1.5	1.4	1.4	131	114	83.8	14.7	22.1	76.2	76.5	23.3	57.5	14.1	11.2	9.3
Tenn	11.1	16.5	18.9	178	284	78.0	21.5	27.2	71.9	94.7	5.0	59.0	19.4	13.4	7.6
Utah	2.1	3.0	3.1	68	81	90.7	5.4	20.1	79.2	91.0	7.8	58.0	18.1	13.1	9.9
Vt	2.1	1.9	2.6	313	363	97.5	1.2	21.7	77.9	96.0	3.9	74.7	10.2	8.8	6.0
Va	18.0	26.8	30.4	257	414	69.0	31.0	22.6	77.4	92.3	6.8	(NA)	(NA)	(NA)	(NA)
Wash	21.0	26.9	29.8	412	508	(NA)	(NA)	23.8	75.2	94.2	5.5	(NA)	(NA)	(NA)	(NA)
Wyo	(NA)	.5	.7	(NA)	83	(NA)	(NA)	(NA)	(NA)	94.3	4.3	64.8	15.5	11.7	7.0

NA Not available. [1] "Unknown" categories not shown separately. [2] For Idaho, Montana, Rhode Island, and South Dakota, data represent number of living children. [3] More than 1,000.

Source: U.S. Center for Disease Control, Atlanta, Ga., *Abortion Surveillance Report—Legal Abortions,* annual.

No. 105. Marriage and Childbearing at Early Ages for Women Born From 1920–1924 to 1950–1954: 1978

[Civilian noninstitutional population]

Item	Period during which women were born						
	1920–1924	1925–1929	1930–1934	1935–1939	1940–1944	1945–1949	1950–1954
Number of women (1,000)	6,056	6,025	5,680	5,957	6,901	8,548	9,230
Percent married by—							
Age 20	34.3	38.8	43.5	46.5	43.3	39.5	35.8
Age 25	76.6	79.5	81.4	83.3	81.6	80.5	(NA)
Percent having first child by—							
Age 20	18.3	22.0	25.3	29.1	29.1	25.1	23.0
Age 25	55.1	63.0	67.4	71.6	67.9	61.2	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–23, No. 100.

No. 106. Expectation of Life at Birth: 1920 to 1978

[**In years.** Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 59. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107–115]

Year	Total	Male	Female	White Total	White Male	White Female	Black and other Total	Black and other Male	Black and other Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970	70.9	67.1	74.8	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.7
1972	71.1	67.4	75.1	72.0	68.3	75.9	65.6	61.5	69.9
1973	71.3	67.6	75.3	72.2	68.4	76.1	65.9	61.9	70.1
1974	71.9	68.1	75.8	72.7	68.9	76.6	67.0	62.9	71.3
1975	72.5	68.7	76.5	73.2	69.4	77.2	67.9	63.6	72.3
1976	72.8	69.0	76.7	73.5	69.7	77.3	68.3	64.1	72.6
1977	73.2	69.3	77.1	73.8	70.0	77.7	68.8	64.6	73.1
1978	73.3	69.5	77.2	74.0	70.2	77.8	69.2	65.0	73.6

No. 107. Selected Life Table Values: 1939 to 1978

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

Age and sex	White 1939–1941	White 1949–1951	White 1959–1961	White 1969–1971	White 1975	White 1978	Black and other 1939–1941	Black and other 1949–1951	Black and other 1959–1961	Black and other 1969–1971	Black and other 1975	Black and other 1978
Average expectation of life in years												
At birth: Male	62.8	66.3	67.6	67.9	69.4	70.2	52.3	58.9	61.5	61.0	63.6	65.0
Female	67.3	72.0	74.2	75.5	77.2	77.8	55.5	62.7	66.5	69.1	72.3	73.6
Age 20: Male	47.8	49.5	50.3	50.2	51.4	52.0	39.7	43.7	45.8	44.4	46.3	47.4
Female	51.4	54.6	56.3	57.2	58.6	59.1	42.1	46.8	50.1	51.9	54.7	55.6
Age 40: Male	30.0	31.2	31.7	31.9	33.0	33.6	25.2	27.3	28.7	28.3	29.8	30.4
Female	33.3	35.6	37.1	38.1	39.4	39.9	27.3	29.8	32.2	33.9	36.2	37.0
Age 50: Male	22.0	22.8	23.2	23.3	24.3	24.8	19.2	20.3	21.3	21.2	22.4	22.8
Female	24.7	26.8	28.1	29.1	30.3	30.7	21.0	22.7	24.3	26.0	27.9	28.5
Age 65: Male	12.1	12.8	13.0	13.0	13.7	14.0	12.2	12.8	12.8	12.9	13.7	14.1
Female	13.6	15.0	15.9	16.9	18.1	18.4	14.0	14.5	15.1	16.0	17.5	18.0
Annual deaths expected per 1,000 alive at specified age												
At birth: Male	48.1	30.7	25.9	20.1	15.9	13.4	83.0	50.9	47.0	34.1	26.3	23.3
Female	37.9	23.6	19.6	15.3	12.3	10.6	66.8	40.9	38.3	27.7	22.2	19.0
Age 20: Male	2.1	1.6	1.6	1.9	1.8	1.9	(NA)	3.1	2.4	3.6	2.8	2.3
Female	1.5	.7	.6	.6	.6	.6	(NA)	2.3	1.2	1.2	.9	.8
Age 40: Male	5.1	3.9	3.3	3.4	2.9	2.7	13.6	8.8	7.5	9.0	7.4	6.9
Female	3.7	2.4	1.9	1.9	1.7	1.5	11.8	7.7	5.6	5.1	3.7	3.2
Age 50: Male	11.6	10.1	9.6	8.9	8.0	7.5	25.4	19.1	15.7	16.8	14.5	13.5
Female	7.6	5.6	4.7	4.7	4.2	4.0	21.9	16.0	11.7	10.1	7.9	7.4
Age 65: Male	36.9	34.5	33.9	33.9	30.3	28.8	(NA)	45.8	43.7	41.7	35.5	34.9
Female	26.4	20.6	17.4	15.6	13.9	13.8	(NA)	37.0	30.7	27.4	19.8	19.1
Number surviving to specified age per 1,000 born live												
Age 20: Male	923	951	959	964	970	973	868	919	931	943	956	961
Female	940	965	971	976	980	982	885	935	947	959	968	972
Age 40: Male	869	912	924	925	934	937	728	828	857	844	870	887
Female	898	941	953	957	964	967	759	861	897	912	933	942
Age 50: Male	805	856	874	877	890	897	608	729	772	747	787	811
Female	853	907	925	929	939	943	649	770	830	850	883	898
Age 65: Male	583	635	658	652	694	711	359	452	514	496	543	564
Female	687	768	807	809	832	839	407	524	608	661	715	734

NA Not available.

Source of tables 106 and 107: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1939–41; 1949–51; 1959–61;* and *Vital Statistics of the United States,* annual; and unpublished data.

NO. 108. EXPECTATION OF LIFE AND EXPECTED DEATHS, BY RACE, AGE, AND SEX: 1978

AGE IN 1978 (years)	EXPECTATION OF LIFE IN YEARS					EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth	73.3	70.2	77.8	65.0	73.6	13.79	13.37	10.58	23.25	18.99
1	73.3	70.1	77.6	65.5	74.0	.94	1.01	.71	1.35	1.16
2	72.4	69.2	76.7	64.6	73.1	.73	.75	.56	1.13	.95
3	71.5	68.3	75.7	63.7	72.1	.58	.59	.46	.94	.77
4	70.5	67.3	74.8	62.8	71.2	.48	.49	.38	.79	.62
5	69.5	66.3	73.8	61.8	70.2	.42	.43	.33	.67	.49
6	68.6	65.4	72.8	60.8	69.3	.37	.40	.29	.57	.39
7	67.6	64.4	71.8	59.9	68.3	.33	.37	.26	.50	.32
8	66.6	63.4	70.8	58.9	67.3	.30	.33	.23	.44	.27
9	65.6	62.4	69.9	57.9	66.3	.26	.28	.21	.41	.25
10	64.6	61.5	68.9	57.0	65.4	.23	.24	.19	.40	.24
11	63.7	60.5	67.9	56.0	64.4	.24	.24	.18	.43	.25
12	62.7	59.5	66.9	55.0	63.4	.29	.33	.21	.49	.27
13	61.7	58.5	65.9	54.0	62.4	.40	.51	.26	.60	.31
14	60.7	57.5	64.9	53.1	61.4	.56	.77	.34	.75	.36
15	59.7	56.6	64.0	52.1	60.4	.74	1.06	.44	.92	.42
16	58.8	55.6	63.0	51.1	59.5	.91	1.33	.52	1.10	.48
17	57.8	54.7	62.0	50.2	58.5	1.05	1.55	.58	1.33	.56
18	56.9	53.8	61.1	49.3	57.5	1.15	1.69	.61	1.61	.64
19	56.0	52.9	60.1	48.3	56.6	1.22	1.78	.61	1.93	.72
20	55.0	52.0	59.1	47.4	55.6	1.28	1.85	.61	2.26	.82
21	54.1	51.1	58.2	46.5	54.7	1.34	1.93	.61	2.59	.91
22	53.2	50.2	57.2	45.7	53.7	1.38	1.96	.61	2.86	.99
23	52.2	49.3	56.2	44.8	52.8	1.38	1.93	.61	3.07	1.06
24	51.3	48.4	55.3	43.9	51.8	1.37	1.87	.62	3.21	1.12
25	50.4	47.5	54.3	43.1	50.9	1.34	1.79	.62	3.35	1.18
26	49.5	46.5	53.3	42.2	49.9	1.32	1.72	.62	3.49	1.24
27	48.5	45.6	52.4	41.4	49.0	1.31	1.66	.62	3.60	1.30
28	47.6	44.7	51.4	40.5	48.1	1.30	1.62	.64	3.67	1.34
29	46.6	43.8	50.4	39.7	47.1	1.31	1.61	.66	3.72	1.38
30	45.7	42.8	49.5	38.8	46.2	1.32	1.60	.69	3.76	1.42
31	44.8	41.9	48.5	37.9	45.2	1.34	1.60	.72	3.82	1.48
32	43.8	41.0	47.5	37.1	44.3	1.38	1.63	.76	3.95	1.56
33	42.9	40.0	46.6	36.2	43.4	1.44	1.68	.80	4.16	1.69
34	41.9	39.1	45.6	35.4	42.5	1.52	1.76	.85	4.44	1.85
35	41.0	38.2	44.6	34.5	41.5	1.61	1.86	.90	4.74	2.03
36	40.1	37.2	43.7	33.7	40.6	1.73	1.99	.98	5.06	2.22
37	39.1	36.3	42.7	32.9	39.7	1.87	2.13	1.07	5.43	2.43
38	38.2	35.4	41.8	32.0	38.8	2.03	2.29	1.19	5.85	2.66
39	37.3	34.5	40.8	31.2	37.9	2.22	2.47	1.33	6.33	2.91
40	36.4	33.6	39.9	30.4	37.0	2.43	2.68	1.49	6.87	3.19
41	35.5	32.6	38.9	29.6	36.1	2.66	2.93	1.66	7.43	3.49
42	34.6	31.7	38.0	28.9	35.3	2.93	3.22	1.85	7.92	3.80
43	33.7	30.8	37.1	28.1	34.4	3.21	3.58	2.06	8.29	4.12
44	32.8	29.9	36.1	27.3	33.5	3.53	3.99	2.28	8.60	4.45
45	31.9	29.1	35.2	26.5	32.7	3.87	4.44	2.52	8.88	4.79
46	31.0	28.2	34.3	25.8	31.8	4.25	4.93	2.78	9.26	5.18
47	30.1	27.3	33.4	25.0	31.0	4.67	5.48	3.06	9.89	5.63
48	29.3	26.5	32.5	24.3	30.2	5.13	6.08	3.34	10.85	6.16
49	28.4	25.6	31.6	23.5	29.3	5.64	6.73	3.65	12.07	6.75
50	27.6	24.8	30.7	22.8	28.5	6.20	7.46	3.98	13.45	7.40
51	26.7	24.0	29.8	22.1	27.8	6.80	8.25	4.35	14.83	8.07
52	25.9	23.2	29.0	21.4	27.0	7.42	9.05	4.73	16.15	8.76
53	25.1	22.4	28.1	20.8	26.2	8.03	9.85	5.11	17.33	9.45
54	24.3	21.6	27.3	20.1	25.5	8.66	10.68	5.52	18.41	10.15
55	23.5	20.8	26.4	19.5	24.7	9.29	11.53	5.94	19.43	10.82
56	22.7	20.1	25.6	18.9	24.0	10.01	12.49	6.42	20.57	11.56
57	22.0	19.3	24.7	18.3	23.3	10.92	13.70	7.01	22.05	12.47
58	21.2	18.6	23.9	17.7	22.5	12.06	15.25	7.75	24.04	13.62
59	20.5	17.9	23.1	17.1	21.8	13.40	17.06	8.61	26.39	14.95
60	19.7	17.2	22.3	16.5	21.2	14.91	19.07	9.58	29.14	16.54
61	19.0	16.5	21.5	16.0	20.5	16.43	21.13	10.57	31.84	18.11
62	18.3	15.8	20.7	15.5	19.9	17.85	23.15	11.50	33.91	19.20
63	17.6	15.2	19.9	15.1	19.3	19.05	25.04	12.31	34.94	19.56
64	17.0	14.6	19.2	14.6	18.6	20.13	26.88	13.05	35.17	19.45
65	16.3	14.0	18.4	14.1	18.0	21.21	28.75	13.84	34.89	19.05
70	13.1	11.1	14.8	11.6	14.8	31.10	42.64	20.92	46.43	30.33
75	10.4	8.6	11.5	9.8	12.5	49.21	65.28	36.03	73.92	55.04
80	8.1	6.7	8.8	8.8	11.5	75.09	98.30	60.22	98.60	74.33
85 and over	6.4	5.3	6.7	7.8	9.9	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

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

NO. 109. AVERAGE LIFETIME IN YEARS, BY SEX AND STATE RANKING: 1969–71

[States are ranked according to the average lifetime for the total population]

STATE	Both sexes	Male	Female	STATE	Both sexes	Male	Female	STATE	Both sexes	Male	Female
U.S	**70.75**	**67.04**	**74.64**	Wash	71.72	68.07	75.78	N. Mex	70.32	66.51	74.51
				Calif	71.71	68.19	75.37	Wyo	70.29	66.19	75.19
Hawaii	73.60	71.02	76.79	Vt	71.64	67.76	75.77	Md	70.22	66.47	74.17
Minn	72.96	69.38	76.80	Okla	71.42	67.40	75.70	Ill	70.14	66.48	73.96
Utah	72.90	69.49	76.55	N.H	71.23	67.48	75.19	Tenn	70.11	66.15	74.26
N. Dak	72.79	69.23	77.01	Maine	70.93	67.24	74.85	Ky	70.10	66.22	74.31
Nebr	72.60	68.85	76.61	N.J	70.93	67.52	74.38	Va	70.08	66.26	74.17
Kans	72.58	68.83	76.54	Tex	70.90	67.05	74.99	Del	70.06	66.29	74.07
Iowa	72.56	68.83	76.50	Ind	70.88	67.23	74.72	W. Va	69.48	65.56	73.74
Wis	72.48	69.15	76.04	Ohio	70.82	67.25	74.55	Alaska	69.31	66.05	74.03
Conn	72.48	69.04	75.94	Mo	70.69	66.88	74.66	N.C	69.21	64.94	73.78
Oreg	72.13	68.43	76.20	Ark	70.66	66.68	74.97	Ala	69.05	64.90	73.41
S. Dak	72.08	68.49	76.19	Fla	70.66	66.61	74.96	Nev	69.03	65.60	73.32
Colo	72.06	68.40	75.43	Mich	70.63	67.09	74.48	La	68.76	64.85	72.88
R.I	71.90	68.31	75.48	Mont	70.56	66.73	75.08	Ga	68.54	64.27	73.01
Idaho	71.87	68.20	76.10	Ariz	70.55	66.57	75.04	Miss	68.09	64.06	72.40
Mass	71.83	68.12	75.45	N.Y	70.55	66.95	74.15	S.C	67.96	63.85	72.29
				Pa	70.43	66.90	74.06	D.C	65.71	60.92	70.52

Source: U.S. National Center for *Health Statistics, U.S. Decennial Life Tables, 1969–71,* vol. II, DHEW Publication No. (HRA) 75-1151.

NO. 110. DEATHS AND DEATH RATES, BY SEX, RACE, AND AGE: 1950 TO 1978

[**Rates are per 1,000 population for specified groups.** 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. 1972 figures based on 50-percent sample of deaths. See Appendix III. Rates based on enumerated population as of Apr. 1 for 1950, 1960, and 1970, and July 1 estimates for other years. See text, p. 59. See also *Historical Statistics, Colonial Times to 1970,* series B 167–173 and B 181–192]

ITEM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Deaths (1,000)	**1,452**	**1,712**	**1,828**	**1,921**	**1,964**	**1,973**	**1,934**	**1,893**	**1,909**	**1,900**	**1,928**
Male (1,000)	828	976	1,035	1,078	1,096	1,097	1,072	1,051	1,052	1,046	1,055
Female (1,000)	625	736	793	843	868	876	863	842	857	853	872
White (1,000)	1,276	1,505	1,605	1,682	1,721	1,728	1,697	1,660	1,675	1,664	1,690
Male (1,000)	731	861	911	942	958	958	937	918	919	913	920
Female (1,000)	545	644	695	740	764	770	761	743	756	751	770
Black and other (1,000)	176	207	223	239	242	245	237	233	234	235	238
Male (1,000)	96	115	125	136	139	139	135	133	133	134	135
Female (1,000)	80	92	98	103	104	106	102	99	101	102	103
Death rates	**9.6**	**9.5**	**9.4**	**9.5**	**9.4**	**9.4**	**9.2**	**8.9**	**8.9**	**8.8**	**8.8**
Male	11.1	11.0	10.9	10.9	10.8	10.7	10.4	10.1	10.0	9.9	9.9
Female	8.2	8.1	8.0	8.1	8.1	8.1	8.0	7.7	7.8	7.7	7.8
White	9.5	9.5	9.4	9.5	9.5	9.4	9.2	9.0	9.0	8.9	9.0
Male	10.9	11.0	10.9	10.9	10.8	10.7	10.4	10.2	10.1	10.0	10.0
Female	8.0	8.0	8.0	8.1	8.2	8.2	8.1	7.8	7.9	7.8	8.0
Black and other	11.2	10.1	9.7	9.4	9.2	9.1	8.7	8.3	8.2	8.1	8.1
Male	12.5	11.5	11.2	11.2	11.0	10.8	10.4	10.0	9.8	9.7	9.6
Female	9.9	8.7	8.2	7.8	7.6	7.6	7.2	6.8	6.8	6.7	6.6
Male, by age:											
Under 1 year	37.3	30.6	27.9	24.1	20.6	20.3	19.7	18.3	17.6	16.6	15.9
1–4 years	1.5	1.2	1.0	.9	.9	.9	.8	.8	.8	.8	.8
5–14 years	.7	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4
15–24 years	1.7	1.5	1.6	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7
25–34 years	2.2	1.9	2.0	2.2	2.1	2.1	2.1	2.0	1.9	1.9	1.9
35–44 years	4.3	3.7	3.9	4.0	3.9	3.8	3.6	3.5	3.3	3.2	3.1
45–54 years	10.7	9.9	9.8	9.6	9.4	9.2	8.9	8.6	8.3	8.1	8.0
55–64 years	[1]24.0	23.1	23.0	22.8	22.5	22.1	21.1	20.3	20.0	19.4	19.1
65–74 years	[1]49.3	49.1	48.9	48.7	48.2	47.3	45.8	44.1	43.4	42.3	41.9
75–84 years	104.3	101.8	101.2	100.1	101.2	101.1	97.9	95.2	95.1	93.8	93.9
85 years and over	216.4	211.9	220.8	178.2	196.0	198.1	188.8	175.7	179.8	173.0	172.6
Female, by age:											
Under 1 year	28.5	23.2	21.3	18.6	15.9	15.7	15.3	14.4	14.2	13.0	12.7
1–4 years	1.3	1.0	.9	.8	.7	.7	.7	.6	.6	.6	.6
5–14 years	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3
15–24 years	.9	.6	.6	.7	.7	.7	.6	.6	.6	.6	.6
25–34 years	1.4	1.1	1.1	1.0	1.0	.9	.9	.9	.8	.8	.8
35–44 years	2.9	2.3	2.3	2.3	2.2	2.2	2.0	1.9	1.8	1.8	1.7
45–54 years	6.4	5.3	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.3
55–64 years	[1]14.0	12.0	11.2	11.0	10.8	10.8	10.5	10.1	10.1	9.9	9.8
65–74 years	[1]33.3	28.7	26.7	25.8	25.3	24.5	23.6	22.5	22.0	21.5	21.4
75–84 years	84.0	76.3	70.9	66.8	65.8	65.6	63.3	60.3	60.0	58.5	58.6
85 years and over	191.9	190.1	189.0	155.2	162.0	162.3	153.9	140.3	143.1	135.4	135.4

[1] Based on population adjusted for age bias in the population for Black and other races, 55 to 69 years old.
Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 111. Death Rates, by Race, Sex, and Age: 1970 and 1978

[Number of deaths per 100,000 population. Excludes deaths of nonresidents of the U.S.]

Age (in years)	1970			1978								
				All races			White			Black and other		
	All races	White	Black and other	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages[1]	**945**	**946**	**938**	**883**	**994**	**778**	**896**	**1,000**	**797**	**805**	**960**	**665**
Under 1	2,142	1,870	3,597	1,434	1,592	1,270	1,218	1,360	1,070	2,457	2,709	2,207
1–4	85	75	134	69	78	60	63	72	53	99	108	90
5–9	42	40	54	33	39	28	31	36	26	43	52	34
10–14	41	38	53	34	44	25	33	42	24	41	53	29
15–19	110	103	154	101	145	55	102	147	55	96	136	56
20–24	148	131	268	135	203	67	126	191	61	184	278	97
25–29	144	121	311	132	192	73	116	168	63	234	357	129
30–34	173	141	392	140	193	88	121	165	76	271	402	160
35–39	247	205	544	189	254	128	162	215	110	382	549	245
40–44	377	324	785	296	383	214	257	329	188	563	785	381
45–49	584	524	1,093	472	609	341	429	554	308	780	1,021	570
50–54	889	820	1,519	742	981	521	684	907	475	1,217	1,610	877
55–59	1,361	1,283	2,093	1,116	1,490	774	1,046	1,405	717	1,734	2,267	1,272
60–64	2,004	1,917	2,834	1,774	2,412	1,213	1,695	2,318	1,143	2,538	3,339	1,867
65–69	2,969	2,870	3,869	2,463	3,439	1,665	2,413	3,395	1,628	2,878	3,815	2,150
70–74	4,371	4,274	5,418	3,787	5,242	2,725	3,685	5,167	2,613	4,878	5,985	3,980
75–79	6,722	6,703	6,960	6,024	8,066	4,713	5,894	7,996	4,564	7,548	8,724	6,621
80–84	10,158	10,290	8,458	8,954	11,597	7,509	9,081	11,822	7,607	7,573	9,420	6,373
85 and over	16,345	16,890	10,750	14,701	17,259	13,541	15,316	18,100	14,079	9,229	10,678	8,449

[1] Includes unknown age.

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

No. 112. Deaths by Race—States: 1970 to 1978

[In thousands. By place of residence. Excludes deaths of nonresidents of the U.S.]

State	1970		1975		1978	
	White	Black and other	White	Black and other	White	Black and other
U.S	**1,682**	**239**	**1,660**	**233**	**1,690**	**238**
N. Eng	**113**	**3**	**107**	**3**	**107**	**3**
Maine	11	(Z)	10	(Z)	10	(Z)
N.H	7	(Z)	7	(Z)	7	(Z)
Vt	4	(Z)	4	(Z)	4	(Z)
Mass	56	1	53	1	51	1
R.I	9	(Z)	9	(Z)	9	(Z)
Conn	25	1	24	1	25	1
Mid. Atl	**344**	**39**	**319**	**36**	**317**	**37**
N.Y	168	20	151	19	148	19
N.J	61	7	59	7	59	7
Pa	115	12	110	11	109	11
E. No. Cent	**340**	**37**	**325**	**37**	**325**	**37**
Ohio	91	10	87	9	87	9
Ind	45	3	43	3	44	3
Ill	97	14	90	14	89	14
Mich	67	9	65	9	65	10
Wis	40	1	39	1	39	1
W. No. Cent	**156**	**8**	**150**	**8**	**150**	**8**
Minn	33	(Z)	32	(Z)	33	1
Iowa	29	(Z)	28	(Z)	27	(Z)
Mo	46	5	44	5	44	5
N. Dak	5	(Z)	5	(Z)	5	(Z)
S. Dak	6	(Z)	6	(Z)	6	(Z)
Nebr	15	(Z)	14	(Z)	14	(Z)
Kans	21	1	21	1	21	1
So. Atl	**223**	**67**	**236**	**65**	**250**	**66**
Del	4	1	4	1	4	1
Md	26	6	26	6	26	7
D.C	3	5	2	5	2	5
Va	30	9	31	9	32	9
So. Atl.—Con.						
W. Va	19	1	18	1	19	1
N.C	33	12	34	12	35	12
S.C	15	8	16	8	16	8
Ga	29	13	30	12	31	13
Fla	64	11	76	11	85	11
E. So. Cent	**98**	**31**	**99**	**29**	**102**	**28**
Ky	30	3	30	3	31	3
Tenn	31	7	32	7	32	7
Ala	23	11	24	10	25	10
Miss	14	10	14	9	15	9
W. So. Cent	**143**	**33**	**149**	**32**	**155**	**33**
Ark	16	4	18	4	18	4
La	22	12	23	11	24	12
Okla	24	3	24	3	25	3
Tex	80	14	85	14	89	15
Mt	**63**	**4**	**67**	**4**	**71**	**4**
Mont	6	(Z)	6	(Z)	6	(Z)
Idaho	6	(Z)	6	(Z)	6	(Z)
Wyo	3	(Z)	3	(Z)	3	(Z)
Colo	17	1	17	1	18	1
N. Mex	7	1	7	1	8	1
Ariz	13	1	16	1	18	2
Utah	7	(Z)	7	(Z)	8	(Z)
Nev	4	(Z)	4	(Z)	5	(Z)
Pac	**203**	**18**	**207**	**20**	**212**	**22**
Wash	29	1	29	1	29	1
Oreg	19	(Z)	20	(Z)	20	(Z)
Calif	153	13	156	15	160	16
Alaska	1	(Z)	1	(Z)	1	1
Hawaii	1	3	1	3	1	3

Z Fewer than 500.

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

No. 113. Deaths—Number and Rate, by States: 1960 to 1978

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

Division and State	Number (1,000)							Rate per 1,000 population[1]						
	1960	1965	1970	1975	1976	1977	1978	1960	1965	1970	1975	1976	1977	1978
U.S.	**1,712**	**1,828**	**1,921**	**1,893**	**1,909**	**1,900**	**1,928**	**9.5**	**9.4**	**9.5**	**8.9**	**8.9**	**8.8**	**8.8**
N.E	**112**	**117**	**116**	**110**	**112**	**108**	**110**	**10.6**	**10.5**	**9.8**	**9.1**	**9.1**	**8.8**	**8.9**
Maine	11	11	11	10	10	10	10	11.1	10.9	11.1	9.7	9.8	9.3	9.3
N.H	7	7	7	7	7	7	7	11.0	10.9	10.0	8.8	9.0	8.6	8.5
Vt	4	5	4	4	4	4	4	11.4	11.6	10.0	9.1	9.0	8.7	9.1
Mass	57	59	57	54	54	52	53	11.0	11.0	10.1	9.3	9.3	9.0	9.1
R.I	9	10	9	9	9	9	9	10.5	10.9	10.0	9.6	9.9	9.7	9.5
Conn	24	26	26	26	26	26	26	9.4	9.1	8.6	8.3	8.4	8.2	8.4
M.A	**359**	**376**	**383**	**356**	**359**	**354**	**354**	**10.5**	**10.3**	**10.3**	**9.5**	**9.6**	**9.6**	**9.6**
N.Y	178	185	188	170	173	169	168	10.6	10.2	10.3	9.4	9.5	9.4	9.4
N.J	59	65	68	65	65	66	66	9.8	9.6	9.5	9.0	8.9	9.0	9.0
Pa	121	126	127	121	121	119	120	10.7	10.9	10.8	10.2	10.2	10.1	10.2
E.N.C	**348**	**368**	**377**	**361**	**363**	**361**	**362**	**9.6**	**9.7**	**9.4**	**8.8**	**8.9**	**8.8**	**8.8**
Ohio	93	98	100	96	96	97	97	9.6	9.6	9.4	9.0	9.0	9.1	9.0
Ind	45	48	49	47	47	47	48	9.7	9.8	9.3	8.8	8.8	8.8	8.8
Ill	103	108	111	104	104	103	103	10.2	10.2	10.0	9.3	9.2	9.2	9.2
Mich	68	74	76	75	76	74	75	8.7	9.0	8.6	8.1	8.3	8.1	8.2
Wis	38	40	41	40	40	39	40	9.7	9.7	9.2	8.7	8.7	8.5	8.6
W.N.C	**156**	**161**	**164**	**158**	**158**	**155**	**158**	**10.1**	**10.1**	**10.1**	**9.5**	**9.4**	**9.2**	**9.3**
Minn	32	33	34	33	33	32	33	9.3	9.2	8.9	8.3	8.3	8.1	8.3
Iowa	29	29	29	28	28	27	27	10.4	10.7	10.4	9.8	9.7	9.3	9.4
Mo	48	50	52	49	49	49	49	11.2	11.2	11.1	10.3	10.3	10.2	10.2
N. Dak	5	6	6	5	6	5	5	8.6	8.5	9.1	8.7	8.6	8.0	8.4
S. Dak	7	7	7	6	7	6	6	9.7	9.3	9.9	9.5	9.8	9.1	9.4
Nebr	14	15	15	15	15	14	14	10.0	10.0	10.1	9.4	9.4	9.2	9.2
Kans	21	22	22	22	22	21	22	9.7	9.7	9.7	9.6	9.5	9.2	9.2
S.A	**236**	**262**	**290**	**301**	**305**	**309**	**316**	**9.1**	**9.1**	**9.5**	**8.9**	**9.0**	**9.0**	**9.1**
Del	4	5	5	5	5	5	5	9.4	9.0	9.0	8.1	8.2	8.1	8.5
Md	28	31	33	32	33	32	33	9.0	8.8	8.4	7.8	7.9	7.8	8.0
D.C	9	9	9	7	7	7	7	11.5	11.3	11.7	10.4	10.4	10.4	10.5
Va	34	37	39	40	40	40	41	8.7	8.3	8.4	8.0	8.0	7.8	7.9
W. Va	18	19	20	20	20	19	20	9.7	10.6	11.5	10.8	10.8	10.4	10.6
N.C	38	42	45	46	46	47	47	8.4	8.5	8.8	8.4	8.4	8.4	8.5
S.C	21	22	23	23	24	24	24	8.7	8.5	8.8	8.3	8.3	8.4	8.3
Ga	35	38	42	41	42	43	43	9.0	8.8	9.1	8.4	8.4	8.5	8.5
Fla	48	59	75	87	90	92	96	9.7	10.2	11.0	10.4	10.6	10.9	11.0
E.S.C	**115**	**121**	**128**	**128**	**129**	**130**	**130**	**9.5**	**9.5**	**10.0**	**9.5**	**9.4**	**9.4**	**9.3**
Ky	30	31	33	33	32	33	33	9.9	9.8	10.3	9.8	9.4	9.7	9.6
Tenn	33	35	38	39	39	39	39	9.2	9.1	9.7	9.2	9.2	9.1	8.9
Ala	30	33	34	34	34	35	35	9.3	9.4	9.8	9.3	9.3	9.4	9.3
Miss	22	23	23	23	23	23	23	10.0	9.8	10.5	9.7	9.8	9.6	9.7
W.S.C	**148**	**159**	**175**	**181**	**184**	**183**	**189**	**8.7**	**8.6**	**9.1**	**8.7**	**8.7**	**8.4**	**8.6**
Ark	18	19	21	22	21	21	22	10.0	9.8	10.7	10.3	10.1	10.0	10.1
La	30	32	33	34	35	35	35	9.1	9.1	9.2	8.9	9.0	8.8	8.9
Okla	23	24	27	27	27	27	28	9.8	9.6	10.5	10.0	9.8	9.5	9.8
Tex	77	84	94	98	101	100	104	8.1	7.9	8.4	8.0	8.1	7.8	8.0
Mt	**55**	**60**	**66**	**71**	**72**	**72**	**75**	**8.1**	**7.8**	**8.0**	**7.3**	**7.3**	**7.2**	**7.2**
Mont	7	7	7	7	7	6	6	9.7	9.3	9.5	8.7	9.0	8.4	8.3
Idaho	5	6	6	7	7	6	7	8.1	8.6	8.6	7.9	8.0	7.5	7.4
Wyo	3	3	3	3	3	3	3	8.5	8.3	8.8	8.2	8.1	7.5	7.3
Colo	15	16	17	17	18	18	18	8.7	8.2	7.9	6.9	7.0	6.8	6.8
N. Mex	7	7	7	8	8	8	8	6.9	6.6	7.3	7.0	7.0	6.8	7.0
Ariz	10	12	15	17	17	18	19	7.8	7.5	8.4	7.6	7.6	7.9	8.1
Utah	6	7	7	8	7	8	8	6.8	6.7	6.7	6.2	6.1	6.0	6.0
Nev	3	3	4	4	5	5	5	8.9	7.3	7.9	7.6	7.5	7.7	7.6
Pac	**184**	**204**	**221**	**227**	**228**	**227**	**234**	**8.7**	**8.3**	**8.3**	**8.0**	**7.9**	**7.8**	**7.8**
Wash	27	27	30	30	30	30	30	9.3	9.2	8.8	8.4	8.4	8.2	8.0
Oreg	17	18	20	20	20	20	21	9.5	9.6	9.3	8.8	8.8	8.6	8.5
Calif	136	153	166	171	171	170	176	8.6	8.2	8.3	8.1	7.9	7.8	7.9
Alaska	1	1	1	2	2	2	2	5.8	5.3	4.8	4.3	4.2	4.0	4.1
Hawaii	4	4	4	4	4	4	5	5.6	5.1	5.2	5.0	5.0	5.0	5.1

[1] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.

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

No. 114. Infant, Maternal, and Neonatal Death Rates, and Fetal Death Ratios, by Race: 1940 to 1978

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

ITEM	1940	1950	1960	1965	1970	1972[1]	1973	1974	1975	1976	1977	1978
Infant deaths[2]	**47.0**	**29.2**	**26.0**	**24.7**	**20.0**	**18.5**	**17.7**	**16.7**	**16.1**	**15.2**	**14.1**	**13.8**
White	43.2	26.8	22.9	21.5	17.8	16.4	15.8	14.8	14.2	13.3	12.3	12.0
Black and other	73.8	44.5	43.2	40.3	30.9	27.7	26.2	24.9	24.2	23.5	21.7	21.1
Maternal deaths[3]	**376.0**	**83.3**	**37.1**	**31.6**	**21.5**	**18.8**	**15.2**	**14.6**	**12.8**	**12.3**	**11.2**	**9.6**
White	319.8	61.1	26.0	21.0	14.4	14.3	10.7	10.0	9.1	9.0	7.7	6.4
Black and other	773.5	221.6	97.9	83.7	55.9	38.5	34.6	35.1	29.0	26.5	26.0	23.0
Fetal deaths[4]	(NA)	**19.2**	**16.1**	**16.2**	**14.2**	**12.7**	**12.2**	**11.5**	**10.7**	**10.5**	**9.8**	(NA)
White	(NA)	17.1	14.1	13.9	12.4	11.2	10.8	10.2	9.5	9.3	8.7	(NA)
Black and other	(NA)	32.5	26.8	27.2	22.6	19.5	18.6	17.0	16.0	15.2	14.6	(NA)
Neonatal deaths[5]	**28.8**	**20.5**	**18.7**	**17.7**	**15.1**	**13.6**	**13.0**	**12.3**	**11.6**	**10.9**	**9.9**	**9.5**
White	27.2	19.4	17.2	16.1	13.8	12.4	11.8	11.1	10.4	9.7	8.7	8.4
Black and other	39.7	27.5	26.9	25.4	21.4	19.2	17.9	17.2	16.8	16.3	14.7	14.0

NA Not available. [1] Based on a 50-percent sample of deaths.
[2] Represents deaths of infants under 1 year old, exclusive of fetal deaths.
[3] Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. For 1970–1978, deaths are classified according to eighth revision of *International Classification of Diseases, Adapted for Use in the United States;* in prior years classified according to the revision of the International Classification of Diseases in use at the time.
[4] Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. [5] Represents deaths of infants under 28 days old, exclusive of fetal deaths.
Source: U.S. National Center for Health Statistics. *Vital Statistics of the United States*, annual, and unpublished data.

No. 115. Infant Death Rates—States: 1960 to 1978

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

DIVISION AND STATE	1960		1970		1978		DIVISION AND STATE	1960		1970		1978	
	White	Black and other	White	Black and other	White	Black and other		White	Black and other	White	Black and other	White	Black and other
U.S	**22.9**	**43.2**	**17.8**	**30.9**	**12.0**	**21.1**	**So. Atl.—Con.**						
N. Eng	**21.7**	**35.2**	**16.8**	**30.3**	**10.7**	**19.6**	W. Va	24.8	37.7	22.8	27.7	14.9	19.4
Maine	25.7	[1] 12.9	21.0	[1] 25.0	10.5	[1] 3.6	N.C	22.3	52.4	19.3	36.1	13.0	23.9
N.H	23.7	[1] 10.6	18.0	[1] 20.5	10.5	[1] 5.3	S.C	23.9	48.5	18.2	31.1	13.3	26.0
Vt	24.2	–	17.6	[1] 19.2	13.5	[1] 33.9	Ga	24.6	48.1	17.2	32.9	11.8	21.5
Mass	21.1	34.4	16.0	31.4	10.5	17.0	Fla	23.6	46.1	17.8	33.2	11.8	20.1
R.I	22.4	44.4	19.3	27.7	12.2	29.1	**E. So. Cent**	**25.6**	**48.4**	**18.7**	**35.2**	**12.3**	**23.3**
Conn	20.0	36.9	15.5	30.4	10.0	22.0	Ky	26.0	48.3	18.8	27.8	12.0	19.1
Mid. Atl	**22.0**	**41.4**	**17.3**	**31.7**	**11.8**	**21.1**	Tenn	25.3	43.5	18.8	30.6	13.1	20.7
N.Y	21.5	41.6	16.9	30.2	11.9	20.9	Ala	24.9	45.0	18.6	36.0	12.1	23.4
N.J	21.9	41.7	16.9	33.0	10.5	21.7	Miss	26.6	54.3	18.7	39.2	11.5	26.1
Pa	22.6	40.6	18.2	34.2	12.5	21.2	**W. So. Cent**	**24.9**	**44.3**	**19.6**	**31.4**	**13.0**	**22.1**
E. No. Cent	**22.1**	**39.4**	**17.8**	**31.0**	**12.0**	**22.8**	Ark	22.5	38.7	18.3	31.1	14.3	22.1
Ohio	22.2	39.4	17.2	28.7	12.1	20.6	La	22.6	46.9	19.8	32.3	12.7	24.3
Ind	22.6	37.7	18.5	27.8	11.9	22.3	Okla	22.7	42.8	20.3	26.3	13.4	17.8
Ill	22.2	39.6	18.3	33.6	12.8	25.1	Tex	26.3	43.9	19.6	31.8	12.9	21.5
Mich	22.1	40.4	18.6	30.4	11.8	23.2	**Mt**	**25.7**	**51.7**	**18.1**	**27.0**	**11.8**	**15.8**
Wis	21.2	35.3	16.0	29.8	10.9	14.2	Mont	24.2	34.5	21.2	24.7	10.4	21.5
W. No. Cent	**21.7**	**42.5**	**17.3**	**31.4**	**12.0**	**24.1**	Idaho	22.7	[1] 33.3	17.3	[1] 11.6	11.8	[1] 7.4
Minn	21.6	22.6	17.3	24.0	11.6	18.3	Wyo	27.5	[1] 48.6	19.6	[1] 27.6	13.4	[1] 7.7
Iowa	21.7	35.2	18.3	31.4	12.3	21.0	Colo	26.9	44.0	19.7	23.5	11.0	13.3
Mo	21.4	45.4	17.0	33.4	12.2	28.2	N. Mex	30.9	52.8	19.5	28.9	13.4	17.4
N. Dak	24.1	43.3	14.3	[1] 14.3	13.4	[1] 13.7	Ariz	26.6	60.8	16.0	28.0	12.4	16.4
S. Dak	24.2	76.0	16.7	37.3	12.1	22.4	Utah	18.8	54.0	14.9	[1] 17.5	11.3	[1] 14.4
Nebr	21.3	34.3	18.5	34.6	12.1	25.7	Nev	29.6	33.9	22.2	37.0	11.9	15.5
Kans	21.3	33.4	16.7	27.5	11.7	19.7	**Pac**	**22.6**	**30.5**	**16.7**	**21.9**	**11.6**	**14.1**
So. Atl	**23.6**	**47.2**	**18.0**	**32.6**	**12.3**	**22.5**	Wash	22.7	36.7	18.1	26.4	12.3	15.0
Del	17.8	50.6	16.3	31.6	9.9	23.2	Oreg	23.0	29.2	16.0	14.1	12.9	12.5
Md	22.3	44.6	16.4	29.0	11.7	21.3	Calif	22.5	29.7	16.5	22.1	11.2	14.5
D.C	29.4	39.6	26.3	29.5	13.4	29.7	Alaska	27.9	68.2	20.3	29.0	13.5	16.7
Va	24.6	45.5	17.0	33.3	11.5	20.1	Hawaii	21.5	24.0	17.8	18.9	10.2	11.3

– Represents zero. [1] Based on a frequency of less than 20 deaths.
Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 116. Death Rates, 1960 to 1978, and Deaths, 1970 to 1978, From Selected Causes

[Beginning 1970, excludes deaths of nonresidents of the U.S. For 1960, causes of death classified according to seventh revision of *International Classification of Diseases;* beginning 1970, to eighth revision. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B149-166]

Cause of death	Deaths rates per 100,000 population[1]							Deaths (1,000)			
	1960	1970	1974	1975	1976	1977	1978	1970	1975	1977	1978
All causes	**954.7**	**945.3**	**915.1**	**888.5**	**889.6**	**878.1**	**883.4**	**1,921.0**	**1,892.9**	**1,899.6**	**1927.8**
Major cardiovascular diseases	515.1	496.0	478.2	455.8	454.0	444.5	442.7	1,008.0	971.0	961.5	966.1
Diseases of heart	369.0	362.0	349.2	336.2	337.2	332.3	334.3	735.6	716.2	718.9	729.5
Percent of total	38.8	38.3	38.2	37.8	37.9	37.8	37.8	38.3	37.8	37.8	37.8
Active rheumatic fever and chronic rheumatic heart disease	10.3	7.3	6.3	6.1	6.1	5.9	6.1	14.9	12.9	12.8	13.4
Hypertensive heart disease[2]	37.0	7.4	5.7	5.2	5.0	4.8	4.7	15.0	11.0	10.4	10.3
Ischemic heart disease	321.8	328.1	314.5	301.7	301.0	295.1	294.3	666.7	642.7	638.4	642.3
Chronic disease of endocardium and other myocardial insufficiency		3.3	2.3	2.1	2.0	1.9	1.9	6.7	4.9	4.0	4.1
All other forms of heart disease		15.9	20.4	21.2	23.2	24.6	27.2	32.3	45.1	53.2	59.4
Hypertension	7.1	4.1	3.3	3.0	2.9	2.6	2.5	8.3	6.3	5.7	5.5
Cerebrovascular diseases	108.0	101.9	98.1	91.1	87.9	84.1	80.5	207.2	194.0	181.9	175.6
Arteriosclerosis	20.0	15.6	15.3	13.6	13.7	13.3	13.3	31.7	28.9	28.8	28.9
Other	11.0	12.5	12.4	12.0	12.3	12.2	12.2	25.3	25.6	26.3	26.6
Malignancies	149.2	162.8	170.5	171.7	175.8	178.7	181.9	330.7	365.7	386.7	397.0
Percent of total	15.6	17.2	18.6	19.3	19.8	20.4	20.6	17.2	19.3	20.4	20.6
Accidents	52.3	56.4	49.5	48.4	46.9	47.7	48.4	114.6	103.0	103.2	105.6
Motor vehicle	21.3	26.9	22.0	21.5	21.9	22.9	24.0	54.6	45.9	49.5	52.4
Falls	10.6	8.3	7.7	7.0	6.6	6.4	6.3	16.9	14.7	13.8	13.7
Drowning	2.9	3.1	3.1	3.1	2.6	2.8	2.7	6.4	6.6	6.0	5.8
All other	17.5	18.1	16.7	16.7	15.8	15.7	15.4	36.7	35.9	34.0	33.7
Influenza and pneumonia	[3]37.3	30.9	25.9	26.1	28.8	23.7	26.7	62.7	55.7	51.2	58.3
Influenza	4.4	1.8	1.0	2.0	3.7	.6	1.9	3.7	4.3	1.3	4.1
Pneumonia	[3]32.9	29.0	24.9	24.1	25.2	23.1	24.9	59.0	51.4	49.9	54.3
Diabetes mellitus	16.7	18.9	17.7	16.5	16.1	15.2	15.5	38.3	35.2	33.0	33.8
Cirrhosis of liver	11.3	15.5	15.8	14.8	14.7	14.3	13.8	31.4	31.6	30.8	30.1
Certain diseases of early infancy	37.4	21.3	13.6	12.5	11.6	10.8	10.1	43.2	26.6	23.4	22.0
Bronchitis, emphysema, and asthma	(4)	15.2	12.7	12.0	11.4	10.3	10.0	30.9	25.5	22.4	21.9
Chronic and unqualified bronchitis	(4)	2.9	2.4	2.2	2.2	2.0	2.0	5.8	4.7	4.3	4.4
Emphysema	(4)	11.2	9.4	8.8	8.3	7.6	7.2	22.7	18.8	16.7	15.6
Asthma	3.0	1.1	.9	.9	.9	.8	.9	2.3	2.0	1.7	1.9
Suicide	10.6	11.6	12.1	12.7	12.5	13.3	12.5	23.5	27.1	28.7	27.3
Homicide	4.7	8.3	10.2	10.0	9.1	9.2	9.4	16.8	21.3	20.0	20.4
Congenital anomalies	12.2	8.3	6.4	6.2	6.1	6.0	5.9	16.8	13.2	13.0	13.0
Peptic ulcer	6.3	4.2	3.3	3.2	3.0	2.7	2.5	8.6	6.7	5.9	5.5
Hernia and intestinal obstruction	5.1	3.6	3.1	2.9	2.8	2.6	2.6	7.2	6.2	5.7	5.6
Nephritis and nephrosis	7.6	4.4	3.8	3.8	4.0	3.9	4.1	8.9	8.1	8.5	8.9
Infections of kidney	4.3	4.0	2.6	2.1	1.9	1.7	1.4	8.2	4.5	3.7	3.1
Tuberculosis, all forms	6.1	2.6	1.7	1.6	1.5	1.4	1.3	5.2	3.3	3.0	2.9
Cholelithiasis, cholecystitis, and cholangitis	2.6	2.0	1.5	1.4	1.4	1.4	1.3	4.0	3.0	3.0	2.9
Enteritis and other	(4)	1.3	1.1	.9	.9	.9	.9	2.6	2.0	1.9	1.9
Hyperplasia of prostate	2.5	1.1	.7	.6	.5	.5	.4	2.2	1.2	1.0	.9
Meningitis	1.3	.8	.7	.8	.7	.7	.7	1.7	1.6	1.5	1.6
Acute bronchitis and bronchiolitis	(4)	.6	.4	.3	.4	.3	.3	1.3	.7	.7	.8
Syphilis and its sequelae	1.6	.2	.1	.1	.1	.1	.1	.5	.3	.2	.2
Infective hepatitis	.5	.5	.3	.3	.3	.2	.2	1.0	.6	.5	.5
Other infective and parasitic diseases	3.7	3.6	4.3	4.6	5.0	5.3	5.8	7.4	9.7	11.4	12.6
Ill-defined symptoms and conditions	11.4	12.7	14.7	14.9	14.3	14.9	14.4	25.8	31.8	32.1	31.3
All other causes	51.9	58.8	64.2	64.4	66.0	67.8	70.4	119.5	137.1	146.6	153.6

[1] Based on resident population enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.
[2] With or without renal disease. [3] Excludes pneumonia of newborn.
[4] Included in "All other causes." Comparable data not available separately.

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

No. 117. Death Rates, by Cause, Sex, and Age—States: 1978

[Rates per 100,000 estimated midyear population in each area. By place of residence. Excludes nonresidents of U.S. Causes of death classified according to eighth revision of the *International Classification of Diseases*]

STATE, SEX, AND AGE	Diseases of heart	Malignant neoplasms	Cerebrovascular diseases	Accidents	Pneumonia, flu	Diabetes mellitus	Cirrhosis of liver	Arteriosclerosis	Suicide	Early infancy diseases
U.S. [1]	**334.3**	**181.9**	**80.5**	**48.4**	**26.7**	**15.5**	**13.8**	**13.3**	**12.5**	**10.1**
Male [1]	**375.3**	**203.5**	**69.4**	**69.6**	**29.0**	**13.1**	**18.6**	**10.9**	**19.0**	**12.0**
15–24 yr	3.2	7.7	1.2	100.5	1.6	.3	.3	–	20.0	(X)
25–44 yr	37.2	26.9	5.8	89.1	3.9	2.9	11.0	0.1	24.0	(X)
45–64 yr	527.6	345.7	55.0	64.2	22.4	18.3	51.7	3.7	25.3	(X)
65 yr. and over	2,812.6	1,357.0	612.3	129.6	239.8	93.4	57.0	109.6	38.0	(X)
Female [1]	**295.5**	**161.4**	**91.0**	**28.3**	**24.6**	**17.8**	**9.3**	**15.5**	**6.3**	**8.3**
15–24 yr	2.1	4.9	1.1	28.0	1.1	.4	.3	–	4.7	(X)
25–44 yr	12.0	31.0	5.5	17.9	2.4	2.2	5.2	–	8.9	(X)
45–64 yr	177.9	268.9	44.2	23.1	11.2	17.2	24.4	1.9	10.5	(X)
65 yr. and over	2,001.5	759.0	628.7	80.2	161.2	106.7	22.1	118.7	7.5	(X)
N. Eng	**347.7**	**203.3**	**76.0**	**38.5**	**31.7**	**16.2**	**15.1**	**13.6**	**10.5**	**7.2**
Maine	358.9	202.4	82.6	46.1	31.4	16.0	15.8	15.7	13.9	5.8
N.H	306.9	196.1	70.2	38.2	28.4	17.0	15.3	21.2	15.0	7.9
Vt	341.3	194.0	71.3	50.7	31.8	13.6	9.9	17.5	14.8	8.2
Mass	357.3	206.8	76.3	40.0	37.9	16.4	15.8	12.2	8.9	6.7
R.I	402.5	229.1	74.1	29.7	18.5	22.4	13.6	13.9	11.5	8.6
Conn	321.9	192.7	76.2	33.9	25.2	14.3	14.8	12.4	10.3	8.1
Mid. Atl	**398.4**	**208.9**	**74.1**	**35.5**	**28.2**	**18.9**	**17.3**	**12.3**	**9.8**	**9.4**
N.Y	396.2	205.2	69.2	33.5	33.4	17.7	19.9	11.9	9.6	9.8
N.J	377.4	207.8	73.1	33.4	22.5	18.3	16.6	9.0	7.2	8.6
Pa	414.9	215.2	82.1	40.0	23.9	21.1	13.9	14.9	11.9	9.4
E. No. Cent	**351.2**	**179.9**	**79.8**	**43.2**	**24.5**	**17.1**	**12.9**	**14.7**	**11.7**	**10.3**
Ohio	356.7	185.8	80.9	41.6	23.9	18.3	12.2	16.2	12.6	9.7
Ind	334.2	179.3	91.8	47.6	22.7	20.3	9.6	20.0	11.9	9.7
Ill	379.6	186.8	79.7	42.9	27.2	15.3	14.8	12.0	10.0	12.4
Mich	321.0	166.5	71.3	43.3	21.8	16.9	14.8	12.5	12.3	10.1
Wis	349.0	177.0	80.0	42.6	26.4	15.8	10.3	15.8	12.4	7.3
W. No Cent	**351.7**	**184.3**	**93.9**	**51.3**	**33.7**	**15.0**	**9.4**	**17.4**	**11.1**	**10.0**
Minn	307.2	167.8	87.9	48.5	33.4	11.9	8.6	15.7	10.2	9.0
Iowa	380.5	187.5	97.8	47.8	34.7	15.7	8.3	18.9	11.8	9.3
Mo	380.2	200.5	97.3	53.6	33.3	16.8	10.7	16.7	12.2	11.8
N. Dak	313.6	164.5	83.5	59.3	32.8	15.3	10.7	14.7	9.8	10.9
S. Dak	354.8	176.8	100.4	57.8	37.0	14.8	13.9	14.9	11.7	10.7
Nebr	348.4	188.1	97.6	47.9	32.9	13.4	9.2	20.5	9.2	10.5
Kans	345.3	180.1	90.8	54.0	33.3	16.5	7.8	19.1	10.8	8.4
So. Atl	**338.2**	**186.5**	**85.5**	**51.3**	**26.2**	**15.5**	**14.2**	**11.7**	**13.9**	**11.0**
Del	334.6	194.5	54.6	41.4	16.8	25.2	15.4	12.8	14.6	10.1
Md	308.5	182.3	53.3	38.1	19.2	16.2	13.1	10.9	10.9	11.5
D.C	325.8	232.3	77.6	41.6	36.7	18.0	43.8	25.3	10.4	24.1
Va	295.5	157.4	72.6	46.6	24.9	12.1	10.6	10.9	14.1	9.6
W. Va	431.0	197.8	88.7	57.2	31.0	20.8	12.8	14.8	14.0	11.8
N.C	313.1	159.9	84.3	56.5	25.7	14.4	11.9	11.0	11.7	12.0
S.C	295.4	146.4	87.3	59.5	24.4	15.4	10.7	8.1	11.3	15.2
Ga	301.9	154.5	96.7	58.6	28.3	13.0	11.4	9.6	13.6	11.9
Fla	410.9	248.7	104.1	50.2	29.0	17.4	18.9	13.8	17.7	8.1
E. So. Cent	**332.0**	**175.2**	**100.1**	**61.1**	**27.9**	**15.5**	**9.4**	**13.2**	**11.5**	**11.6**
Ky	379.1	183.4	98.0	52.6	31.5	17.3	10.4	14.5	12.5	9.9
Tenn	324.3	172.7	98.4	57.4	27.0	12.1	9.3	14.1	12.6	10.7
Ala	304.2	174.2	102.8	66.1	26.0	17.0	9.5	11.8	10.5	11.8
Miss	320.8	169.6	102.1	72.3	27.4	16.7	8.0	12.1	9.6	15.3
W. So. Cent	**298.6**	**163.3**	**85.4**	**57.8**	**26.9**	**14.5**	**10.3**	**13.6**	**12.4**	**12.8**
Ark	364.3	190.7	114.2	60.6	31.7	17.2	7.6	14.7	10.5	11.0
La	317.9	168.8	83.9	59.9	24.8	18.6	10.3	16.0	11.8	16.9
Okla	364.3	186.9	100.0	63.3	35.0	15.1	11.6	14.2	13.5	10.2
Tex	267.5	152.0	77.9	55.5	24.9	12.7	10.5	12.5	12.7	12.4
Mt	**232.6**	**135.9**	**57.6**	**65.0**	**23.6**	**12.0**	**12.7**	**11.4**	**17.3**	**9.7**
Mont	279.6	157.3	71.7	69.7	28.3	14.5	13.5	21.7	15.5	8.1
Idaho	241.8	133.7	68.4	69.3	26.2	11.6	8.7	13.0	13.4	9.5
Wyo	233.2	130.1	61.4	79.8	23.3	13.9	12.5	12.2	17.6	10.1
Colo	229.1	125.1	54.0	51.6	24.2	10.5	10.2	12.7	17.8	6.8
N. Mex	168.6	126.1	50.0	80.7	24.0	14.0	15.2	6.8	17.1	11.4
Ariz	265.1	162.9	59.3	69.3	24.7	12.0	16.3	11.3	19.3	10.9
Utah	198.9	97.8	52.7	56.0	18.5	12.8	8.4	7.5	12.8	14.0
Nev	246.7	158.6	56.5	73.4	18.0	9.9	19.1	6.9	24.8	8.4
Pac	**274.5**	**168.7**	**72.9**	**51.6**	**23.0**	**11.0**	**17.1**	**12.3**	**15.8**	**8.3**
Wash	284.5	169.3	79.4	53.9	27.1	12.9	12.1	16.0	14.2	8.0
Oreg	296.9	178.9	83.6	58.3	26.8	11.9	12.2	20.0	15.5	7.5
Calif	278.8	171.6	72.5	50.0	22.4	10.7	19.0	11.3	16.3	8.3
Alaska	75.7	68.4	16.8	111.4	13.1	2.7	9.2	2.7	14.8	13.1
Hawaii	156.7	113.7	49.3	35.5	14.6	12.7	6.7	3.5	11.8	9.5

– Represents zero. X Not applicable. [1] Includes persons under 15 years old, not shown separately.

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

No. 118. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1950 to 1978

[**Deaths per 100,000 population in specified age groups.** Beginning 1970, based on the eighth revision of the *International Classification of Diseases, Adapted for Use in the United States* and excludes deaths of nonresidents of the United States. See Appendix III]

Age at death and selected type of heart disease	Male					Female				
	1950	1960	1970	1975	1978	1950	1960	1970	1975	1978
Total U.S. rate[1]	**424.7**	**439.5**	**422.5**	**385.2**	**375.3**	**289.7**	**300.6**	**304.5**	**289.7**	**295.5**
25–44 years	70.2	67.6	57.3	42.4	37.2	36.2	25.2	19.5	13.9	12.0
45–54 years	441.2	420.4	376.4	326.7	298.0	177.8	127.5	109.9	91.3	85.2
55–64 years	1,100.5	1,066.9	987.2	860.2	791.3	507.0	429.4	351.6	300.0	279.7
65 years and over	3,269.3	3,314.7	3,258.0	2,933.0	2,812.6	2,496.3	2,415.6	2,268.2	2,036.7	2,001.5
Persons 45–54 years:										
Ischemic heart	316.6	347.1	338.0	292.3	260.4	76.0	72.4	84.0	70.9	64.9
Rheumatic heart	24.3	19.9	11.4	7.3	5.9	23.8	19.5	10.6	6.1	5.4
Hypertensive heart	48.0	23.9	4.6	2.9	3.0	48.7	21.5	4.0	2.2	1.9
Persons 55–64 years:										
Ischemic heart	792.9	885.2	904.6	779.1	704.4	275.0	295.6	299.1	252.9	230.4
Rheumatic heart	35.0	29.0	21.5	16.2	13.5	30.5	28.4	20.8	15.3	13.1
Hypertensive heart	128.2	71.2	11.7	8.1	7.4	119.0	63.9	9.1	6.1	5.7
Persons 65 years and over:										
Ischemic heart	2,041.1	2,586.4	3,022.5	2,684.3	2,525.7	1,334.0	1,691.2	2,071.5	1,841.3	1,776.1
Rheumatic heart	58.3	32.9	32.9	30.5	34.1	52.6	34.8	32.3	31.8	35.5
Hypertensive heart	442.4	268.5	54.9	36.2	32.0	487.9	321.2	60.0	41.2	35.0

[1] Includes persons under 25 years old, not shown separately.

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

No. 119. Death Rates From Cancer, by Sex, Age, and Type of Cancer: 1940 to 1978

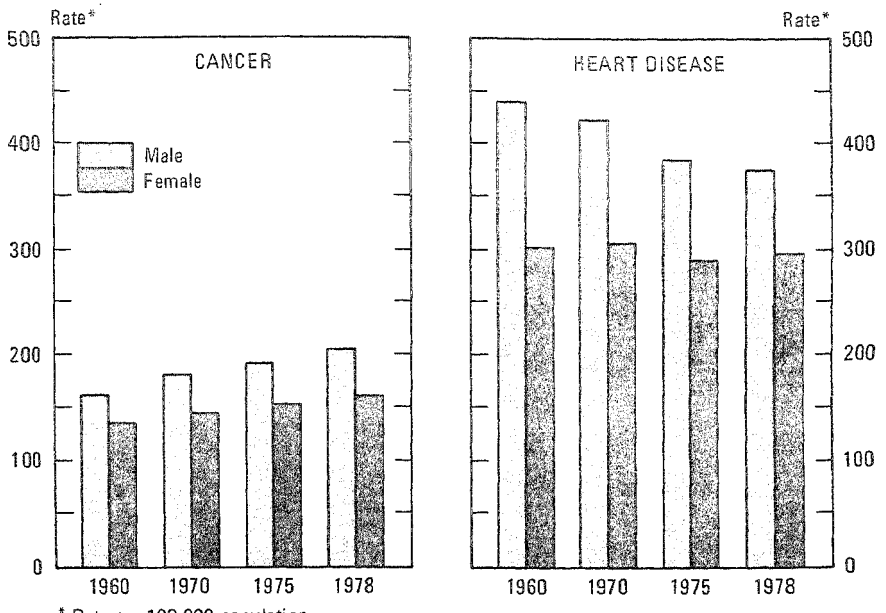
[**Deaths per 100,000 population in the specified age groups.** See headnote, table 118]

Age at death and selected type of cancer	Male						Female					
	1940	1950	1960	1970	1975	1978	1940	1950	1960	1970	1975	1978
Total U.S. rate[1]	**114.1**	**142.9**	**162.5**	**182.1**	**192.3**	**203.5**	**126.4**	**136.8**	**136.4**	**144.4**	**152.1**	**161.4**
25–44 years	24.6	31.0	34.2	33.9	28.7	26.9	50.3	49.1	45.8	40.3	33.4	31.0
45–54 years	135.3	156.2	170.8	183.5	187.4	192.2	204.1	194.0	183.0	181.5	176.6	177.1
55–64 years	352.2	413.1	459.9	511.8	512.3	522.0	384.1	368.2	337.7	343.2	357.7	369.7
65 years and over	896.2	968.9	1,066.2	1,221.2	1,301.1	1,357.0	792.3	755.7	709.1	708.3	725.2	759.0
Persons, 45–54 years old:												
Respiratory system	23.3	39.3	54.7	72.1	78.2	81.3	6.2	6.7	10.1	22.2	28.1	33.3
Digestive organs, peritoneum	70.7	59.9	53.2	45.9	44.8	45.0	58.6	47.0	38.9	32.5	29.7	29.0
Breast	.3	.4	.2	.4	.2	.3	47.5	46.9	51.4	52.6	50.4	51.0
Genital organs	5.6	4.8	4.0	3.4	3.3	3.3	69.2	59.0	44.8	34.4	29.9	26.4
Lymphatic and hematopoietic tissues, excl. leukemia	(NA)	9.7	11.6	12.8	11.0	10.3	(NA)	5.7	7.1	8.3	7.4	7.0
Urinary organs	9.1	8.7	8.3	8.0	8.1	8.3	4.5	3.8	3.5	3.5	3.3	2.9
Mouth, throat, and pharynx	6.0	6.3	7.9	7.9	8.2	8.4	1.6	1.8	2.8	2.8	3.0	2.7
Leukemia	5.6	6.5	7.2	6.6	5.9	6.2	4.6	5.1	5.3	4.9	4.4	4.4
Persons, 55–64 years old:												
Respiratory system	45.7	94.2	150.2	202.3	214.1	223.5	12.6	15.4	17.0	38.9	58.3	69.4
Digestive organs, peritoneum	195.3	174.8	153.7	139.0	129.5	128.9	149.1	125.1	102.2	86.0	83.5	81.0
Breast	.8	.8	1.0	.6	.8	.6	74.9	69.9	70.8	77.6	79.2	83.0
Genital organs	30.7	26.2	23.5	22.8	23.3	23.3	100.9	87.4	73.0	58.2	53.0	51.8
Lymphatic and hematopoietic tissues, excl. leukemia	(NA)	18.2	23.1	27.1	26.7	25.8	(NA)	11.5	15.7	17.7	17.5	17.9
Urinary organs	23.7	26.9	25.9	26.4	24.8	24.1	11.8	11.2	9.3	9.4	9.0	9.2
Mouth, throat, and pharynx	16.1	16.2	16.3	20.1	18.9	18.2	3.0	3.3	3.8	6.2	6.8	6.1
Leukemia	10.6	14.1	16.1	15.4	14.9	13.8	7.5	10.1	10.6	9.0	8.6	8.4

NA Not available. [1] Includes persons under 25 years old, not shown separately.

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

Figure 2.4
Death Rates from Heart Disease and Cancer: 1960 to 1978



* Rate per 100,000 population.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 118 and 119.

No. 120. Death Rates From Accidents and Violence: 1950 to 1978

[**Death rates per 100,000 population.** Beginning 1970, excludes deaths of nonresidents of the U.S. Deaths classified according to the revision of the *International Classification of Diseases, Adapted for Use in the United States,* in use at the time (beginning 1970, based on the eighth revision). See Appendix III]

SEX, CAUSE OF DEATH, AND AGE	WHITE					BLACK AND OTHER				
	1950	1960	1970	1975	1978	1950	1960	1970	1975	1978
Male, total [1]	**105.4**	**91.3**	**101.9**	**96.9**	**97.7**	**156.4**	**136.6**	**174.3**	**157.3**	**141.9**
Motor vehicle accidents	35.1	31.5	39.1	32.2	36.2	38.2	34.4	44.3	33.8	34.1
All other accidents	47.4	38.6	38.2	35.5	32.1	65.7	60.6	60.7	50.2	44.1
Suicide	19.0	17.6	18.0	20.1	20.2	7.0	7.2	8.5	10.6	11.1
Homicide	3.9	3.6	6.8	9.1	9.2	45.5	34.5	60.8	62.6	52.6
15–24 years	102.1	105.2	130.7	129.7	138.3	159.2	147.8	224.3	179.5	155.7
25–44 years	95.9	88.5	107.1	103.4	104.5	218.7	200.1	275.4	256.4	223.9
45–64 years	134.3	118.6	121.4	104.0	95.2	193.6	185.1	236.8	203.3	176.5
65 years and over	288.1	223.5	216.9	185.3	173.2	223.8	202.0	218.0	200.5	191.7
Female, total [1]	**43.2**	**38.3**	**42.4**	**38.3**	**38.2**	**52.8**	**50.6**	**50.7**	**45.0**	**41.7**
Motor vehicle accidents	10.9	11.2	14.8	11.4	13.1	10.8	10.1	13.9	10.0	10.6
All other accidents	25.4	20.4	18.3	16.7	15.4	29.1	28.6	21.6	17.9	16.3
Suicide	5.5	5.3	7.1	7.4	6.9	1.7	2.0	2.9	3.3	3.1
Homicide	1.4	1.4	2.1	2.9	2.9	11.2	9.9	12.3	13.8	11.8
15–24 years	21.6	23.5	34.9	33.1	38.7	39.6	32.4	45.9	43.2	38.8
25–44 years	23.5	24.0	33.6	31.1	30.6	51.9	51.0	58.7	52.8	46.0
45–64 years	38.8	37.7	44.6	38.2	35.7	46.9	54.7	54.7	50.8	45.2
65 years and over	212.9	149.1	122.4	100.7	91.9	139.2	116.6	106.1	85.4	79.8

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

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

No. 121. Deaths and Death Rates From Accidents, by Type: 1965 to 1978

[Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 120 and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series B 163–165]

Type of accident	Deaths					Rate [1]				
	1965	1970	1975	1977	1978	1965	1970	1975	1977	1978
All accidents	**108,004**	**114,638**	**103,030**	**103,202**	**105,561**	**55.7**	**56.4**	**48.4**	**47.7**	**48.4**
Motor-vehicle accidents	49,163	54,633	45,853	49,510	52,411	25.4	26.9	21.5	22.9	24.0
Traffic	48,050	53,493	44,820	48,457	51,337	24.8	26.3	21.0	22.4	23.5
Nontraffic	1,113	1,140	1,033	1,053	1,074	.6	.6	.5	.5	.5
Other road-vehicle accidents	319	257	255	200	204	.2	.1	.1	.1	.1
Water-transport accidents	1,493	1,651	1,570	1,357	1,467	.8	.8	.7	.6	.7
Air and space transport accidents	1,529	1,612	1,552	1,643	1,880	.8	.8	.7	.8	.9
Railway accidents	962	852	608	576	602	.5	.4	.3	.3	.3
Accidental falls	[2] 19,984	16,926	14,896	13,773	13,690	[2] 10.3	8.3	7.0	6.4	6.3
Fall from one level to another	5,802	4,798	4,005	3,806	3,833	3.0	2.4	1.9	1.8	1.8
Fall on the same level	5,738	828	532	505	489	3.0	.4	.2	.2	.2
Unspecified falls	8,444	11,300	10,359	9,462	9,368	4.4	5.6	4.9	4.4	4.3
Accidental drowning	5,485	6,391	6,640	5,961	5,784	2.8	3.1	3.1	2.8	2.7
Accidents caused by—										
Fire and flames	7,347	6,718	6,071	6,357	6,163	3.8	3.3	2.8	2.9	2.8
Firearms	2,344	2,406	2,380	1,982	1,806	1.2	1.2	1.1	.9	.8
Accidental poisoning by—										
Drugs and medicines	(NA)	2,505	3,132	2,214	1,906	(NA)	1.2	1.5	1.0	.9
Other solid and liquid substances	2,110	1,174	1,562	1,160	1,129	1.1	.6	.7	.5	.5
Gases and vapors	1,526	1,620	1,577	1,596	1,737	.8	.8	.7	.7	.8
Complications due to medical procedures	1,494	3,581	3,184	3,107	3,076	.8	1.8	1.5	1.4	1.4
Inhalation and ingestion of objects	1,836	2,753	3,106	3,037	3,063	.9	1.4	1.5	1.4	1.4
Industrial type accidents	(NA)	5,968	5,495	5,271	5,168	(NA)	2.9	2.6	2.4	2.4
Electric current	1,071	1,140	1,224	1,183	984	.6	.6	.6	.5	.5
Explosive material	([3])	530	389	439	361	([3])	.3	.2	.2	.2
Hot substances, corrosive liquids [4]	420	275	209	181	202	.2	.1	.1	.1	.1
Cutting or piercing instrument	([3])	152	140	127	142	([3])	.1	.1	.1	.1
Other	([3])	3,871	3,533	3,341	3,479	([3])	1.9	1.7	1.5	1.6
All other accidents	10,921	5,591	5,149	5,458	5,475	5.6	2.8	2.4	2.5	2.5

NA Not available. [1] For 1970, per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. [2] Data not comparable with later years due to change in classification. [3] Not available separately because of change in classification; included in "All other accidents." [4] Includes accidents caused by radiation.

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

No. 122. Catastrophic Accidents and Deaths, by Type of Accident: 1941 to 1979

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

Type of accident	Accidents					Deaths				
	1941–1950	1951–1960	1961–1970	1971–1978	1979, prel.	1941–1950	1951–1960	1961–1970	1971–1978	1979, prel.
All types	**1,050**	**1,483**	**1,340**	**791**	**76**	**13,213**	**13,790**	**12,513**	**8,532**	**878**
Motor vehicle	292	666	561	194	18	1,985	4,037	3,553	1,297	106
Percent of total	27.8	44.9	41.9	24.5	23.7	15.0	29.3	28.4	15.2	12.1
Bus	59	32	31	15	1	539	264	313	164	8
Collision with railroad train	12	5	5	4	–	139	35	90	28	–
Motor vehicle other than bus	233	634	530	179	17	1,446	3,773	3,240	1,133	98
Collision with railroad train	69	94	55	14	2	431	574	346	93	10
Air transportation [1]	88	112	176	151	17	1,371	2,133	2,868	1,986	393
Water transportation	89	82	45	22	7	974	719	416	307	72
Railroad [2]	45	24	6	6	–	861	369	52	85	–
Fire and explosion	330	420	420	298	17	4,529	3,099	3,090	2,292	129
Percent of total	31.4	28.3	31.3	37.7	22.4	34.3	22.5	24.7	26.9	14.7
Dwellings, apartments	166	312	322	199	10	1,034	1,917	1,969	1,181	56
Hotels, boarding houses, rooming houses	36	24	25	29	1	515	175	243	259	14
Institutions [3]	16	17	12	16	3	281	254	200	151	43
Places of amusement	5	2	3	2	–	679	26	99	171	–
Other	107	65	58	52	3	2,020	727	579	530	16
Tornadoes, floods, hurricanes, etc	111	98	80	77	13	2,292	2,682	2,010	1,976	151
Mines and quarries	53	22	15	7	1	870	339	298	151	5
All other	42	59	37	36	3	331	412	226	438	22

– Represents zero. [1] Accidents occurring within U.S. only. [2] Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents. [3] Homes for aged and convalescent, hospitals, etc.

Source: Metropolitan Life Insurance Company, New York, N.Y., *Statistical Bulletin,* March 1978, and unpublished data.

No. 123. Marriages and Divorces: 1950 to 1979

[Prior to 1960, excludes Alaska and Hawaii. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158–159 and B 214–220]

Marriage and divorce	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
MARRIAGES											
Total (1,000)	**1,667**	**1,531**	**1,523**	**1,800**	**2,159**	**2,230**	**2,153**	**2,155**	**2,178**	[1] **2,282**	[1] [2] **2,359**
Rate per 1,000 population	11.1	9.3	8.5	9.3	10.6	10.5	10.1	10.0	10.1	[1] 10.5	[1] [2] 10.7
Rate per 1,000 unmarried women:											
15–44 years old	166.4	161.1	148.0	144.3	140.2	128.4	118.5	113.4	109.8	109.1	(NA)
15 years old and over	90.2	80.9	73.5	75.0	76.5	72.0	66.9	65.2	63.6	64.1	(NA)
First marriage of bride [3] (1,000)	(NA)	(NA)	664	1,043	1,252	1,271	1,191	1,163	1,147	1,174	(NA)
Rate per 1,000 single women:											
14 years old and over	62.1	(NA)	87.5	84.4	82.9	74.8	68.1	64.8	62.7	62.1	(NA)
18–19 years	(NA)	(NA)	208.4	166.9	151.4	133.5	115.0	105.1	99.6	95.6	(NA)
20–24 years	(NA)	(NA)	263.9	237.3	220.1	159.5	143.8	133.4	125.6	123.0	(NA)
25–44 years	(NA)	(NA)	(NA)	96.4	82.5	85.7	81.7	81.8	78.6	77.1	(NA)
45–64 years	(NA)	(NA)	(NA)	9.0	8.8	9.6	9.2	9.3	8.6	7.9	(NA)
Median age at first marriage: [3]											
Male (years)	[3] 22.8	[3] 22.6	[3] 22.8	22.5	22.5	22.5	22.7	22.9	23.0	23.2	(NA)
Female (years)	[3] 20.3	[3] 20.2	[3] 20.3	20.4	20.6	20.6	20.8	21.0	21.1	21.4	(NA)
Remarriages of bride [3] (1,000)	(NA)	(NA)	197	305	393	494	510	518	532	548	(NA)
Rate per 1,000 widowed and divorced:											
14 years old and over	(NA)	(NA)	32.7	33.7	36.6	40.0	40.1	39.7	40.7	40.0	(NA)
14–24 years	(NA)	(NA)	407.7	471.0	317.6	332.1	319.9	324.4	323.5	321.5	(NA)
25–44 years	(NA)	(NA)	(NA)	139.6	142.3	147.3	144.5	133.2	129.0	126.8	(NA)
45–64 years	(NA)	(NA)	22.0	24.5	24.8	24.4	23.5	23.5	22.1	21.9	(NA)
Median age at remarriage: [3]											
Male (years)	(NA)	(NA)	(NA)	39.6	37.5	35.7	35.5	35.1	34.9	35.1	(NA)
Female (years)	(NA)	(NA)	(NA)	35.5	33.3	32.1	32.0	31.7	31.4	31.5	(NA)
Percent married, of population 18 yr. old and over: [4]											
Male	71.8	76.1	76.4	76.2	75.0	73.7	72.8	72.2	70.9	70.1	69.2
White	(NA)	(NA)	77.3	76.9	76.1	74.9	73.9	73.4	72.3	71.7	70.7
Black and other	(NA)	(NA)	68.4	70.2	65.4	63.1	63.5	62.0	60.6	58.4	57.5
Female	70.9	71.9	71.6	70.5	68.5	67.6	66.7	66.2	65.3	64.2	63.5
White	(NA)	(NA)	72.2	70.9	69.3	68.8	68.0	67.6	66.7	65.9	65.2
Black and other	(NA)	(NA)	66.3	67.6	62.6	58.9	57.3	56.2	55.4	52.6	51.8
DIVORCES [5]											
Total (1,000)	**385**	**377**	**393**	**479**	**708**	**977**	**1,036**	**1,083**	**1,091**	**1,130**	[2] **1,170**
Rate per 1,000 population	2.6	2.3	2.2	2.5	3.5	4.6	4.9	5.0	5.0	5.2	[2] 5.3
Rate per 1,000 married women, 15 yr. old and over	10.3	9.3	9.2	10.6	14.9	19.3	20.3	21.1	21.1	21.9	(NA)
Percent divorced, 18 yr. old and over: [4]											
Male	1.8	1.9	2.0	2.5	2.5	3.5	4.0	4.0	4.5	4.7	4.8
White	(NA)	(NA)	2.0	2.4	2.4	3.3	3.6	3.8	4.4	4.5	4.5
Black and other	(NA)	(NA)	2.2	3.4	3.4	4.8	4.6	5.5	5.0	6.3	6.6
Female	2.3	2.4	2.9	3.3	3.9	4.9	5.3	5.7	6.2	6.6	6.6
White	(NA)	(NA)	2.7	3.1	3.8	4.7	5.0	5.5	6.0	6.3	6.4
Black and other	(NA)	(NA)	4.8	4.5	4.8	6.3	7.1	7.4	8.2	8.8	8.3
Divorced persons per 1,000 married, spouse present [4]	29	31	35	41	47	63	69	75	84	90	92
Male	24	26	28	34	35	49	54	58	66	71	72
Female	34	36	42	49	60	77	84	92	101	110	111
Ever-married, 25–54 yr. old: [4]											
Percent divorced: Male	2.8	2.4	2.5	3.0	3.3	5.0	5.4	5.8	6.6	7.0	7.4
Female	3.6	3.3	3.7	4.3	5.2	7.1	7.6	8.4	9.4	10.0	10.1
Percent separated: Male	2.1	1.8	2.2	2.3	1.8	2.2	2.6	2.7	2.6	2.9	2.9
Female	2.8	3.2	2.8	3.6	3.3	4.3	4.4	4.3	4.3	4.4	4.4
Median duration of marriage [6] (years)	5.8	6.4	7.1	7.2	6.7	6.5	6.5	6.5	6.6	6.6	(NA)
Median age at divorce after 1st marriage: [7] Male (years)	(NA)	(NA)	(NA)	(NA)	30.5	30.3	30.2	30.3	30.6	30.7	(NA)
Female (years)	(NA)	(NA)	(NA)	(NA)	27.9	28.1	28.1	28.2	28.4	28.4	(NA)
Children involved in divorces [8] (1,000)	(NA)	347	463	630	870	1,099	1,123	1,117	1,095	1,147	(NA)
Avg. children involved	(NA)	.92	1.18	1.32	1.22	1.12	1.08	1.03	1.00	1.01	(NA)

NA Not available. [1] Includes 37,462 nonlicensed marriages registered in California for 1978 and 41,961 for 1979. [2] Preliminary. [3] Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; and, beginning 1974, 41. Beginning 1965, includes D.C. [4] Source: U.S. Bureau of the Census, *Current Population Reports*, series P–20, No. 349, and earlier issues. [5] Includes annulments. [6] Number of States reporting: 1950, 16; 1955, 23; 1960, 18; 1965. 22; 1970 and 1978, 28; and 1974–77, 29. [7] Number of States reporting: 1970, 27; and 1974–78, 26. Median age computed on grouped ages. [8] Beginning 1970, based on divorce-registration area frequencies instead of 16 States as for prior years.

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

No. 124. First Marriages, Divorces, and Remarriages for Women: 1930 to 1977

[**Numbers in thousands.** Figures represent annual averages. Noninstitutional population excluding members of the Armed Forces living in barracks]

Period	First marriages		Divorces		Remarriages	
	Number	Rate [1]	Number	Rate [2]	Number	Rate [3]
1930–1932	919	81	183	10	138	61
1933–1935	1,081	92	196	11	162	69
1936–1938	1,183	98	243	13	201	83
1939–1941	1,312	106	269	14	254	103
1942–1944	1,247	108	360	17	354	139
1945–1947	1,540	143	526	24	425	163
1948–1950	1,326	134	397	17	360	135
1951–1953	1,190	122	388	16	370	136
1954–1956	1,182	120	379	15	353	129
1957–1959	1,128	112	381	15	359	129
1960–1962	1,205	112	407	16	345	119
1963–1965	1,311	109	452	17	415	143
1966–1968	1,440	107	535	20	511	166
1969–1971	1,649	109	702	26	515	152
1972–1974	1,662	103	907	32	601	151
1975–1977	1,508	85	1,070	37	646	134

[1] Per 1,000 single women 14 to 44 years old. [2] Per 1,000 married women 14–44 years old. [3] Per 1,000 widowed and divorced women 14–54 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 100.

No. 125. Marital History—Percent Distribution, by Sex, Race, and Year of Birth: 1975

[As of **June**]

Item	Persons born, **1900–1959**			Year of birth				
	Total	White	Black	**1945–1954**	**1935–1944**	**1925–1934**	**1915–1924**	**1900–1914**
Men, total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single in 1975	26.1	25.2	33.3	38.0	8.3	5.1	5.3	4.9
Men ever married in 1975	73.8	74.8	66.7	62.0	91.7	94.9	94.7	95.1
Once	62.5	63.7	53.2	57.8	78.3	79.6	77.5	73.9
Twice or more	11.3	11.1	13.5	4.2	13.4	15.3	17.2	21.2
Ever divorced, total	12.0	11.8	14.3	7.0	16.9	17.4	17.2	14.9
Ever widowed	3.4	3.3	5.1	.2	.7	2.0	5.2	15.3
Women, total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single in 1975	20.6	19.5	29.0	25.8	5.8	4.2	4.5	6.3
Women ever married in 1975	79.4	80.5	71.0	74.2	94.2	95.9	95.5	93.6
Once	67.0	68.1	57.7	67.8	79.8	78.8	77.6	73.9
Twice or more	12.4	12.4	13.3	6.4	14.4	17.1	17.9	19.7
Ever divorced, total	13.9	13.6	16.1	10.8	19.5	20.2	17.0	14.3
Ever widowed	11.1	10.9	13.1	.7	2.7	7.7	17.6	41.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 297.

No. 126. Divorced Persons per 1,000 Married Persons With Spouse Present, by Race, Age, and Sex: 1960 to 1979

[As of **March**. Based on Current Population Survey, see text, p. 1]

Year and sex	Total [1]	Race		Age			
		White	Black	14–30 years	30–44 years	45–64 years	65 years and over
Both sexes: 1960	35	33	[2] 62	23	33	46	32
1970	47	44	83	38	47	53	47
1975	69	64	136	65	77	71	47
1979	92	84	197	89	114	83	69
Male: 1960	28	27	[2] 45	16	25	39	24
1970	35	32	62	28	33	40	32
1975	54	51	96	51	61	57	32
1979	72	68	152	78	91	63	45
Female: 1960	42	38	[2] 78	28	41	53	44
1970	60	56	104	46	61	66	69
1975	84	77	178	75	93	86	69
1979	111	102	243	97	136	104	89

[1] Includes other races not shown separately. [2] Covers Black and other races.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier reports.

NO. 127. EVER-MARRIED PERSONS 25-54 YEARS OLD WHO WERE DIVORCED OR SEPARATED, BY AGE, RACE, AND SEX: 1960 TO 1979

[As of March]

AGE AND SEX	EVER MARRIED (1,000)			PERCENT DIVORCED [1]			PERCENT SEPARATED [1]		
	Total [2]	White	Black	Total [2]	White	Black	Total [2]	White	Black
1960: Male, total	29,074	26,267	2,807	2.4	2.4	3.1	2.1	1.4	8.2
25-34 yr	9,162	8,282	880	1.9	1.8	3.2	1.9	1.4	6.4
35-44 yr	10,623	9,582	1,041	2.3	2.4	1.7	2.1	1.6	6.4
45-54 yr	9,289	8,403	886	3.1	2.9	4.5	2.2	1.2	12.1
Female, total	32,024	28,550	3,474	3.8	3.4	6.5	2.8	1.7	12.4
25-34 yr	10,639	9,389	1,250	3.1	2.7	5.8	3.1	1.6	14.4
35-44 yr	11,532	10,307	1,225	3.8	3.4	7.3	2.7	1.7	11.1
45-54 yr	9,853	8,854	999	4.4	4.1	6.5	2.7	1.7	11.4
1965: Male, total	29,887	26,907	2,980	3.0	2.9	4.0	2.3	1.5	9.2
25-34 yr	9,168	8,221	947	2.3	2.3	1.8	2.0	1.4	7.6
35-44 yr	10,704	9,634	1,070	3.2	3.0	4.9	2.0	1.2	9.2
45-54 yr	10,015	9,052	963	3.5	3.3	5.2	2.9	2.1	10.8
Female, total	33,026	29,287	3,739	4.3	4.1	6.2	3.6	2.1	15.3
25-34 yr	10,513	9,223	1,290	3.6	3.4	5.0	3.8	2.0	16.5
35-44 yr	11,901	10,535	1,366	4.6	4.4	7.8	4.0	2.4	16.3
45-54 yr	10,612	9,529	1,083	4.5	4.3	5.7	3.0	1.9	12.7
1970: Male, total	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25-34 yr	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35-44 yr	10,518	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45-54 yr	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
Female, total	34,299	30,401	3,505	5.2	5.0	7.7	3.3	1.8	16.3
25-34 yr	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35-44 yr	11,264	9,917	1,188	5.6	5.3	8.8	3.1	1.6	16.3
45-54 yr	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
1975: Male, total	33,009	29,590	2,872	5.4	5.2	8.5	2.6	1.6	12.4
25-34 yr	12,237	11,003	1,021	5.5	5.6	6.1	3.0	2.0	14.2
35-44 yr	10,122	9,001	925	5.5	5.3	8.2	2.7	1.9	10.4
45-54 yr	10,650	9,586	926	5.3	4.7	11.4	2.0	1.0	12.5
Female, total	36,348	31,984	3,727	7.6	7.1	12.4	4.4	2.8	18.6
25-34 yr	13,644	11,984	1,379	7.6	7.2	12.1	5.2	3.5	20.5
35-44 yr	11,047	9,636	1,220	7.9	7.3	12.5	4.6	2.8	19.7
45-54 yr	11,657	10,364	1,128	7.2	6.7	12.5	3.2	1.9	15.2
1979: Male, total	34,105	30,446	2,970	7.4	7.0	12.6	2.9	2.2	11.4
25-34 yr	12,878	11,485	1,095	8.2	8.1	10.3	3.3	2.3	14.0
35-44 yr	10,952	9,772	952	7.6	6.9	15.5	2.9	2.3	10.4
45-54 yr	10,275	9,189	923	6.2	5.6	12.4	2.6	1.9	9.4
Female, total	37,962	33,260	3,844	10.1	9.5	16.3	4.4	2.8	18.8
25-34 yr	14,768	12,966	1,430	10.5	10.1	15.9	5.1	3.5	20.4
35-44 yr	11,924	10,411	1,263	11.0	10.2	18.3	4.6	2.9	18.4
45-54 yr	11,270	9,903	1,151	8.6	8.0	14.7	3.5	1.9	17.2

[1] At time of survey. [2] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, and earlier reports.

NO. 128. DIVORCES AND ANNULMENTS—MEDIAN DURATION OF MARRIAGE FOR SELECTED STATES: 1960 TO 1978

[In years. By place of occurrence. Reporting States only. For definition of median, see Guide to Tabular Presentation]

STATE	1960	1965	1970	1975	1977	1978	STATE	1960	1965	1970	1975	1977	1978
Total	**7.1**	**7.2**	**6.7**	**6.5**	**6.6**	**6.6**	Mont	5.1	5.8	5.1	4.7	5.1	5.1
							Nebr	6.3	6.3	6.0	5.9	6.1	6.4
Ala	7.3	6.6	5.3	4.7	4.9	4.9	N.Y	(NA)	(NA)	9.3	8.0	8.1	8.3
Alaska	6.2	6.0	5.4	5.1	5.0	5.3	Ohio	(NA)	7.8	6.3	6.0	6.0	6.0
Calif	(NA)	(NA)	6.8	6.8	7.0	(NA)	Oreg	5.9	5.9	5.9	5.8	6.0	6.2
Conn	(NA)	(NA)	8.6	8.2	8.3	8.4	Pa	9.2	8.9	8.1	7.7	7.7	7.7
Ga	6.3	6.1	5.4	5.2	5.3	5.6	R.I	(NA)	9.1	9.2	7.8	8.2	8.2
Hawaii	6.3	5.8	7.2	5.4	5.7	5.5	S.C	(NA)	(NA)	(NA)	6.6	6.8	6.9
Idaho	4.8	5.1	4.6	4.8	5.0	4.8	S. Dak	6.3	6.3	5.9	5.6	5.8	5.6
Ill	(NA)	(NA)	6.6	6.1	6.2	6.3	Tenn	6.3	6.1	5.6	5.3	5.3	5.5
Iowa	5.7	5.9	5.6	5.5	5.8	5.9	Utah	4.7	5.2	5.3	4.9	4.8	5.0
Kans	5.8	5.9	5.1	5.2	5.2	5.0	Vt	(NA)	(NA)	8.3	7.5	7.8	7.7
Ky	(NA)	(NA)	5.7	5.9	5.6	5.8	Va	8.3	9.0	7.7	7.7	7.8	7.9
Md	9.0	9.2	8.8	8.3	8.4	8.5	Wis	8.2	8.2	7.9	7.0	7.0	7.1
Mich	(NA)	7.9	7.0	6.8	7.0	7.0	Wyo	5.4	5.5	4.6	4.7	4.6	4.7
Mo	(NA)	5.8	5.4	5.6	5.5	5.7							

NA Not available.

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

NO. 129. MARRIAGES—NUMBER AND RATE, BY STATES: 1965 TO 1978

[By place of occurrence]

STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION [1]					
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978
U.S	**1,800.2**	**2,159.0**	**2,152.7**	**2,154.8**	**2,178.4**	[2] **2,282.3**	**9.3**	**10.6**	**10.1**	**10.0**	**10.1**	[2] **10.5**
N.E	**86.5**	**105.4**	**96.8**	**95.6**	**97.3**	**99.7**	**7.8**	**8.9**	**7.9**	**7.8**	**7.9**	**8.1**
Maine	8.7	11.0	11.2	11.3	11.4	11.7	8.8	11.0	10.6	10.6	10.5	10.7
N.H	9.0	10.0	8.8	8.6	8.9	9.1	13.4	13.6	10.8	10.4	10.5	10.5
Vt	3.6	4.5	4.6	4.4	4.8	4.8	9.0	10.2	9.7	9.2	9.9	9.9
Mass	37.9	47.4	42.1	41.5	41.9	42.9	7.1	8.3	7.2	7.1	7.3	7.4
R.I	6.3	7.5	6.7	6.9	7.1	7.3	7.1	7.9	7.2	7.4	7.6	7.8
Conn	21.0	25.0	23.4	22.9	23.1	24.0	7.4	8.2	7.6	7.4	7.4	7.7
M.A	**260.0**	**312.4**	**287.4**	**278.7**	**275.3**	**282.5**	**7.1**	**8.4**	**7.7**	**7.5**	**7.4**	**7.7**
N.Y	133.5	161.2	142.8	137.0	133.8	136.8	7.4	8.9	7.9	7.6	7.5	7.7
N.J	46.3	56.6	53.0	51.3	50.7	53.0	6.8	7.9	7.2	7.0	6.9	7.2
Pa	80.2	94.5	91.7	90.4	90.8	92.7	6.9	8.0	7.8	7.6	7.7	7.9
E.N.C	**339.3**	**384.8**	**387.4**	**382.1**	**387.4**	**394.2**	**8.9**	**9.6**	**9.5**	**9.3**	**9.4**	**9.6**
Ohio	79.0	90.1	101.1	96.8	99.4	103.8	7.7	8.5	9.4	9.1	9.3	9.7
Ind	49.7	55.2	56.1	55.7	56.4	58.1	10.2	10.6	10.6	10.5	10.6	10.8
Ill	101.0	115.5	111.5	110.8	108.1	105.9	9.5	10.4	10.0	9.9	9.6	9.4
Mich	81.2	89.7	82.9	82.8	86.1	88.3	9.8	10.1	9.0	9.1	9.4	9.6
Wis	28.4	34.4	35.9	36.0	37.4	38.2	6.9	7.8	7.8	7.9	8.0	8.2
W.N.C	**131.0**	**160.5**	**161.9**	**162.3**	**164.6**	**168.4**	**8.3**	**9.8**	**9.7**	**9.7**	**9.8**	**9.9**
Minn	26.5	31.3	32.3	[3] 32.0	33.0	33.5	7.4	8.2	8.2	[3] 8.1	8.3	8.3
Iowa	20.2	24.6	25.6	25.7	26.4	28.0	7.3	8.7	8.9	9.0	9.2	9.6
Mo	40.2	50.1	50.1	51.1	52.1	52.9	8.9	10.7	10.5	10.7	10.9	10.9
N. Dak	4.9	5.3	6.0	5.7	5.7	5.7	7.6	8.6	9.4	8.8	8.7	8.7
S. Dak	8.3	11.0	11.1	10.8	10.4	10.6	12.1	16.6	16.2	15.7	15.0	15.4
Nebr	12.1	15.7	13.1	13.4	13.4	13.7	8.3	10.6	8.5	8.6	8.6	8.7
Kans	18.8	22.4	23.8	23.6	23.7	24.0	8.4	10.0	10.5	10.2	10.2	10.2
S.A	**311.7**	**371.0**	**366.6**	**372.1**	**380.8**	**390.5**	**10.8**	**12.1**	**10.9**	**10.9**	**11.1**	**11.3**
Del	3.1	4.3	3.9	3.9	4.0	4.3	6.2	7.8	6.8	6.8	6.9	7.4
Md	47.3	52.2	44.8	44.6	45.1	45.0	13.4	13.3	10.9	10.8	10.9	10.9
D.C	9.2	7.3	4.9	4.6	4.6	4.6	11.4	9.6	6.9	6.6	6.7	6.9
Va	46.0	52.0	54.7	56.5	57.8	59.0	10.4	11.2	11.0	11.2	11.3	11.4
W. Va	14.2	15.9	17.0	17.2	17.5	17.3	7.8	9.1	9.5	9.5	9.4	9.3
N.C	40.7	48.3	42.3	42.5	43.5	43.9	8.2	9.5	7.8	7.8	7.9	7.9
S.C	46.3	57.9	50.2	50.7	51.3	53.0	18.2	22.3	17.8	17.8	17.8	18.2
Ga	55.5	63.9	63.2	66.0	67.4	68.2	12.6	13.9	12.8	13.3	13.3	13.4
Fla	49.4	69.2	85.4	86.1	89.6	95.3	8.5	10.2	10.2	10.2	10.6	11.0
E.S.C	**132.1**	**154.9**	**155.2**	**159.5**	[4] **160.1**	[4] **165.8**	**10.3**	**12.1**	**11.5**	**11.7**	[4] **11.6**	[4] **11.9**
Ky	[5] 28.3	36.3	32.1	32.9	[4] 32.2	[4] 33.3	[5] 8.9	11.3	9.4	9.6	[4] 9.3	[4] 9.5
Tenn	40.1	45.4	51.5	53.3	55.3	57.5	10.4	11.6	12.3	12.6	12.9	13.3
Ala	40.4	47.0	45.3	46.5	45.7	47.7	11.6	13.6	12.5	12.7	12.4	12.8
Miss	23.3	26.3	26.3	26.8	26.8	27.3	10.1	11.9	11.2	11.4	11.2	11.3
W.S.C	**192.2**	**237.2**	**254.9**	**261.2**	**264.4**	**276.5**	**10.4**	**12.3**	**12.2**	**12.3**	**12.2**	**12.5**
Ark	19.2	23.3	24.3	24.9	24.0	25.1	9.9	12.1	11.5	11.8	11.2	11.6
La	29.0	35.4	37.3	38.0	38.6	39.9	8.1	9.7	9.8	9.9	9.9	10.0
Okla	32.6	39.0	40.1	41.0	42.1	43.7	13.3	15.2	14.8	14.8	15.0	15.4
Tex	111.5	139.5	153.2	157.3	159.6	167.8	10.5	12.5	12.5	12.6	12.4	12.9
Mt	[3] **157.9**	**187.5**	**212.0**	**216.2**	**219.5**	**234.5**	[3] **20.5**	**22.6**	**22.0**	**22.0**	**21.9**	**22.6**
Mont	4.7	6.9	7.3	7.4	7.5	8.1	6.7	10.0	9.8	9.8	9.9	10.4
Idaho	15.9	10.9	12.7	13.1	13.7	13.6	22.9	15.3	15.5	15.8	16.0	15.4
Wyo	3.6	4.5	5.6	5.9	6.0	6.3	10.9	13.5	15.1	15.0	14.8	14.8
Colo	[5] 18.7	25.0	27.6	28.6	30.1	31.1	[5] 9.6	11.3	10.9	11.1	11.5	11.5
N. Mex	[3 5] 13.2	12.4	[5] 15.8	[5] 15.6	[5] 16.4	[5] 16.6	[3 5] 13.0	12.2	[5] 13.8	[5] 13.4	[5] 13.8	[5] 13.6
Ariz	12.1	18.5	26.6	26.5	27.0	27.7	7.7	10.4	11.9	11.7	11.7	11.7
Utah	8.7	11.7	14.9	14.7	15.1	16.4	8.8	11.0	12.4	12.0	11.9	12.4
Nev	[5] 81.0	97.6	101.6	[5] 104.4	103.7	114.6	[5] 186.7	199.7	171.6	[5] 171.2	163.8	172.1
Pac	**189.3**	**245.0**	**230.3**	**227.1**	**229.0**	[2] **270.2**	**7.8**	**9.2**	**8.2**	**7.9**	**7.8**	[2] **9.0**
Wash	[4] 31.5	41.3	41.8	42.0	43.8	45.2	[4] 10.6	12.1	11.8	11.6	12.0	11.9
Oreg	13.3	17.3	19.3	19.2	20.3	21.1	6.8	8.3	8.4	8.2	8.5	8.6
Calif	136.1	172.4	154.8	151.3	149.4	[2] 188.1	7.4	8.6	7.3	7.0	6.8	[2] 8.4
Alaska	2.4	3.4	4.7	4.9	5.1	5.1	9.0	11.2	13.4	12.8	12.6	12.4
Hawaii	6.1	10.6	9.7	9.8	10.3	10.7	8.6	13.8	11.2	11.0	11.5	11.9

[1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970, estimated as of July 1 for all other years. [2] Includes 37,462 nonlicensed marriages registered in California. [3] Estimated. [4] Incomplete. [5] Marriage licenses.

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

No. 130. Divorces and Annulments—Number and Rate, by States: 1965 to 1978

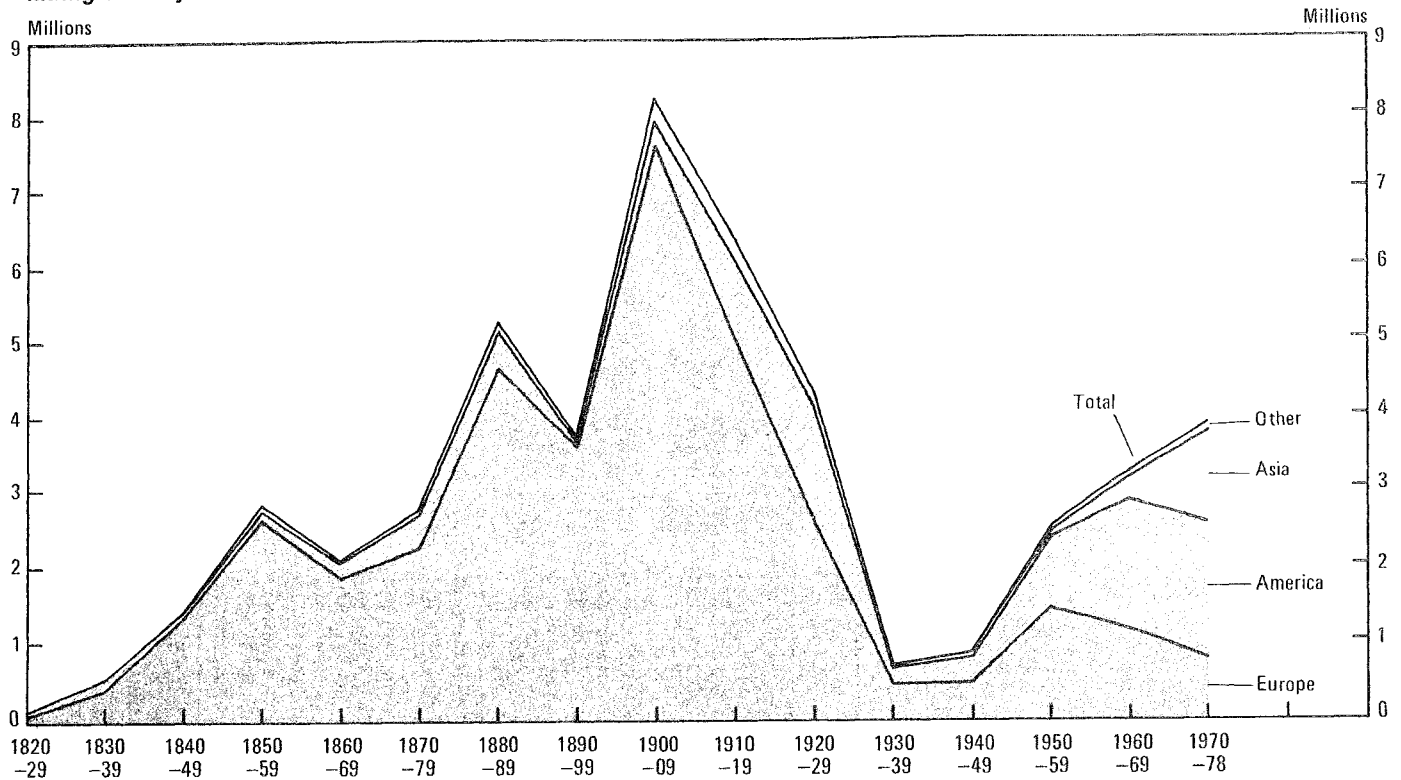
[By place of occurrence]

State	Number (1,000)						Rate per 1,000 population [1]					
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978
U.S. [2]	479.0	708.0	1,036.0	1,083.0	1,091.0	1,130.0	2.5	3.5	4.9	5.0	5.0	5.2
N.E.	17.5	25.8	43.2	43.7	44.4	45.4	1.6	2.2	3.5	3.6	3.6	3.7
Maine	2.5	3.9	5.5	5.5	5.7	6.2	2.6	3.9	5.2	5.2	5.2	5.7
N.H.	1.6	2.4	4.2	4.3	4.4	4.7	2.3	3.3	5.2	5.3	5.2	5.4
Vt.	.6	1.0	1.9	1.9	2.1	2.1	1.5	2.3	4.1	4.0	4.4	4.2
Mass.	7.8	11.0	16.6	17.0	16.5	16.2	1.5	1.9	2.8	2.9	2.9	2.8
R.I.	1.2	1.7	2.7	3.3	3.4	3.5	1.3	1.8	2.9	3.5	3.7	3.7
Conn.	3.7	5.8	12.2	11.7	12.2	12.8	1.3	1.9	4.0	3.8	3.9	4.1
M.A.	30.4	59.9	110.0	112.6	114.2	122.9	.8	1.6	3.0	3.0	3.1	3.3
N.Y.	8.2	26.4	55.6	54.2	55.8	58.0	.5	1.4	3.1	3.0	3.1	3.3
N.J.	5.6	10.8	19.4	21.8	20.5	26.6	.8	1.5	2.7	3.0	2.8	3.6
Pa.	16.6	22.6	35.0	36.5	37.9	38.3	1.4	1.9	3.0	3.1	3.2	3.3
E.N.C.	[3]94.5	[4]129.8	[4]186.2	[4]199.9	[4]197.3	211.0	[3]2.5	(s)	(s)	[4]4.9	[4]4.8	5.1
Ohio	25.8	39.3	52.6	59.3	57.3	59.2	2.5	3.7	4.9	5.5	5.4	5.5
Ind.	[3]18.5	[4]15.2	[4]28.8	[4]31.2	[4 5]33.3	[5]40.3	[3]3.8	(s)	(s)	[4 5]5.9	[4 5]6.3	[5]7.5
Ill.	24.7	36.5	51.0	51.8	49.0	50.3	2.3	3.3	4.6	4.6	4.4	4.5
Mich.	20.3	30.0	40.8	43.1	43.0	45.0	2.4	3.4	4.5	4.7	4.7	4.9
Wis.	5.2	8.9	13.1	14.6	14.6	16.1	1.3	2.0	2.8	3.2	3.1	3.4
W.N.C.	33.4	48.2	70.1	73.0	73.3	75.1	2.1	3.0	4.2	4.3	4.3	4.4
Minn.	4.9	8.3	13.2	[3]13.8	14.0	14.4	1.4	2.2	3.4	[3]3.5	3.5	3.6
Iowa	5.3	7.2	10.3	10.8	10.9	11.1	1.9	2.5	3.6	3.8	3.8	3.8
Mo.	13.2	17.9	24.5	25.4	25.2	26.3	2.9	3.8	5.1	5.3	5.3	5.4
N. Dak.	.7	1.0	1.7	1.9	2.0	2.1	1.1	1.6	2.7	2.9	3.0	3.2
S. Dak.	1.0	1.4	2.2	2.4	2.4	2.4	1.5	2.0	3.3	3.4	3.5	3.5
Nebr.	2.5	3.7	5.6	5.9	6.1	6.1	1.7	2.5	3.6	3.8	3.9	3.9
Kans.	5.8	8.8	12.6	12.8	12.6	12.7	2.6	3.9	5.5	5.6	5.4	5.4
S.A.	[4]73.3	106.1	174.8	182.0	183.0	191.4	[4]2.6	3.5	5.2	5.4	5.3	5.5
Del.	.7	1.7	2.8	3.2	3.0	3.3	1.5	3.2	4.8	5.6	5.2	5.7
Md.	7.0	9.3	15.4	16.1	16.6	16.5	2.0	2.4	3.8	3.9	4.0	4.0
D.C.	1.3	2.3	3.8	3.1	3.2	3.4	1.7	3.0	5.3	4.4	4.6	5.1
Va.	8.9	11.9	19.5	21.4	21.5	22.7	2.0	2.6	3.9	4.2	4.2	4.4
W.Va.	3.9	5.6	8.6	8.9	9.6	9.7	2.1	3.2	4.8	4.9	5.2	5.2
N.C.	11.2	13.7	22.1	24.3	25.0	26.6	2.3	2.7	4.1	4.4	4.5	4.8
S.C.	3.0	5.8	9.7	10.6	10.7	11.9	1.2	2.3	3.4	3.7	3.7	4.1
Ga.	[4]12.0	18.6	29.5	31.2	31.0	31.6	[4]2.7	4.1	6.0	6.3	6.1	6.2
Fla.	25.3	37.2	63.4	63.2	62.4	65.8	4.4	5.5	7.6	7.5	7.4	7.6
E.S.C.	36.2	50.6	74.4	79.3	79.5	[4]80.5	2.8	4.0	5.5	5.8	5.7	[4]5.8
Ky.	8.3	10.7	14.5	16.0	15.5	[4]13.8	2.6	3.3	4.3	4.7	4.5	[4]3.9
Tenn.	11.1	16.6	24.6	27.0	27.4	28.4	2.9	4.1	5.9	6.4	6.4	6.6
Ala.	11.0	15.1	23.0	24.1	23.8	25.1	3.2	4.4	6.4	6.6	6.4	6.7
Miss.	5.7	8.2	12.3	12.2	12.8	13.3	2.5	3.7	5.2	5.2	5.3	5.5
W.S.C. [4]	64.4	82.7	122.8	132.3	136.2	141.4	(s)	(s)	(s)	6.2	(s)	6.4
Ark.	6.6	[4]9.3	[4]16.7	[4]18.4	[4]19.2	20.0	3.4	[4]4.8	[4]7.9	[4]8.7	[4]9.0	9.2
La. [4]	4.6	5.1	8.7	12.6	12.9	13.2	(s)	(s)	(s)	3.3	(s)	3.3
Okla.	11.9	[5]16.8	20.6	21.5	21.8	22.4	4.8	[5]6.6	7.6	7.8	7.8	7.9
Tex.	41.3	51.5	76.7	79.9	82.3	85.8	3.9	4.6	6.3	6.4	6.4	6.6
Mt.	[4]38.1	[4]49.0	70.7	75.5	77.3	78.2	[4]5.0	[4]5.9	7.3	7.7	7.7	7.5
Mont.	2.0	3.0	4.3	4.9	4.7	4.9	2.8	4.4	5.7	6.4	6.2	6.3
Idaho	2.9	3.6	5.2	5.7	6.0	6.4	4.1	5.1	6.3	6.9	7.0	7.2
Wyo.	1.4	1.8	2.8	2.9	3.1	3.1	4.3	5.4	7.6	7.3	7.6	7.4
Colo.	[3]6.7	10.4	15.7	17.5	20.6	18.6	[3]3.4	4.7	6.2	6.8	7.8	6.9
N. Mex.	[4]3.7	[4]4.4	8.4	9.1	9.1	9.6	[4]3.6	[4]4.3	7.3	7.8	7.7	7.9
Ariz.	8.6	[6]12.7	17.6	19.0	16.6	17.3	5.4	[6]7.2	7.9	8.4	7.2	7.3
Utah	2.9	3.9	6.1	6.2	6.9	7.1	2.9	3.7	5.1	5.0	5.5	5.4
Nev.	10.0	9.1	10.5	10.3	10.3	11.2	23.0	18.7	17.8	16.9	16.2	16.8
Pac.	89.9	144.7	177.0	184.9	183.4	184.6	3.7	5.5	6.3	6.4	6.3	6.2
Wash.	11.5	17.9	25.8	27.1	26.7	26.5	3.9	5.2	7.3	7.5	7.3	7.0
Oreg.	6.2	9.6	15.6	16.1	16.4	17.0	3.2	4.6	6.8	6.9	6.9	6.9
Calif.	69.9	112.9	128.5	133.8	132.2	132.9	3.8	5.7	6.1	6.2	6.0	6.0
Alaska	1.1	1.7	2.9	3.2	3.6	3.5	4.2	5.6	8.1	8.4	8.8	8.4
Hawaii	1.1	2.6	4.3	4.7	4.6	4.8	1.6	3.4	4.9	5.3	5.1	5.4

S Does not meet publication standards because reporting less than 90 percent complete. [1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970, estimated as of July 1 for all other years. [2] U.S. total and some States are estimated; therefore, State data may not add to total. [3] Estimated. [4] Incomplete. [5] Includes divorce petitions filed for some counties. [6] Represents divorce petitions filed.

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

Figure 3.1
Immigrants by Continent: 1820 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 134.



Section 3

Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source of these data is the *Annual Report of the Immigration and Naturalization Service.* Immigration statistics are prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts conducting such proceedings. Alien registration data are compiled from alien address report cards.

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

Since 1892, immigration statistics have been collected by a separate Office or Bureau of Immigration, presently a part of the Immigration and Naturalization Service (INS), a unit of the Department of Justice. For 1892–1932, immigration data appeared in annual reports of the Bureau of Immigration; for 1933–1940, in the *Annual Report of the Secretary of Labor;* for 1941, in the *Annual Report of the Attorney General;* and, since then, in the *Annual Report of the Immigration and Naturalization Service.*

Immigrants.—Immigrants are nonresident aliens admitted to the U.S. for permanent residence (one year or longer). The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. Generally, a 2-year time lag exists between the time persons are shown in data as nonimmigrants and the time they may be included as immigrants. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees two or three years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 4.

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

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

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

The Act of 1965, which became fully effective in July 1968, abolished the quota system and in its place set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 133). Those exempt include immediate relatives (parents, spouses, children) of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of seven preference categories, four of which provide for reunion of families of U.S. citizens and resident aliens, two for specified workers needed in the United States, and one for refugees. Numbers not used by these seven preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976 preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977 Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978 the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000.

Displaced persons and refugees.—The Displaced Persons Act of 1948 was the first of a number of special acts passed to provide for the admission of refugees from Communist-dominated countries, victims of natural calamities, and orphan children, without regard to quotas or the numerical ceilings specified above.

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

Status of Indochinese.—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia are eligible to apply for permanent resident status. Public Law 95-145 provides that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States.

Alien registration.—All aliens in the United States on January 1 must report their current address each year to the U.S. Attorney General during January.

Naturalization.—Prior to 1907 each Federal court and each specially designated State court which conducted naturalization proceedings kept records of naturalizations but no national data were compiled. The Act of June 1906 provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued.

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

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

No. 131. Immigration: 1820 to 1978

[**In thousands, except rate.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 89-90. For 1820-1867, alien passengers arriving; 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970,* series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate [1]		Number	Rate [1]		Number	Rate [1]
1820-1978	**48,664**	**3.5**	1911-1920	5,736	5.7	1969	359	1.8
			1921-1930	4,107	3.5	1970	373	1.8
1820-1830 [2]	152	1.2	1931-1940	528	.4			
1831-1840 [3]	599	3.9	1941-1950	1,035	.7	1971	370	1.8
1841-1850 [4]	1,713	8.4	1951-1960	2,515	1.5	1972	385	1.8
1851-1860 [4]	2,598	9.3	1961-1970	3,322	1.7	1973	400	1.9
						1974	395	1.9
1861-1870 [5]	2,315	6.4	1971-1978	3,502	2.0			
1871-1880	2,812	6.2	1965	297	1.5	1975	386	1.8
1881-1890	5,247	9.2	1966	323	1.6	1976	399	1.9
1891-1900	3,688	5.3	1967	362	1.8	1977	462	2.1
1901-1910	8,795	10.4	1968	454	2.3	1978	601	2.8

[1] Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. [2] Oct. 1, 1819-Sept. 30, 1830. [3] Oct. 1, 1830-Dec. 31, 1840. [4] Calendar years. [5] Jan. 1, 1861-June 30, 1870.

No. 132. Immigrants, by Selected Characteristics: 1951 to 1978

[**In thousands, except as indicated.** Through **1976,** for years ending **June 30;** beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 89-90; for definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series C 120-142]

CHARACTERISTIC	1951-1960, total	1961-1970, total	1971-1978, total	1974	1975	1976	1977	1978	PERCENT	
									1961-1970	1971-1978
Total	**2,515**	**3,322**	**3,502**	**394.9**	**386.2**	**398.6**	**462.3**	**601.4**	**100.0**	**100.0**
Male	[1] 859	1,488	1,639	184.5	180.7	184.8	216.4	286.4	44.8	46.8
Married	368	651	807	89.9	88.7	92.8	112.2	136.1	19.6	23.0
Single	467	816	814	92.7	90.1	89.4	100.6	146.6	24.6	23.2
Other	24	21	21	1.9	1.9	2.6	3.6	3.7	.6	.6
Female	[1] 1,014	1,834	1,862	210.3	205.5	213.8	245.9	315.0	55.2	53.2
Married	501	883	1,025	116.9	112.2	118.8	135.6	168.9	26.6	29.3
Single	451	856	748	84.9	83.5	83.1	93.9	129.7	25.8	21.4
Other	63	95	91	8.5	9.8	11.9	16.4	16.4	2.9	2.6
Males per 1,000 females	850	811	880	877	880	865	880	909	(x)	(x)
Age:										
Under 16 years	576	847	924	110.8	105.4	102.2	108.2	153.0	25.5	26.4
16-44 years	1,596	2,018	2,070	234.0	226.0	234.0	266.9	358.6	60.7	59.1
45 years and over	343	457	508	50.1	54.8	62.3	87.2	89.8	13.8	14.5
Median age (year)	[1] 25.8	25.2	25.7	24.7	25.4	26.0	27.1	26.2	(x)	(x)
Occupation: [2]										
Professional, tech., and kindred	184	337	358	35.5	38.5	41.1	45.0	48.9	10.1	10.2
Managers and administrators [3]	53	66	96	9.2	10.0	11.6	17.4	20.9	2.0	2.7
Sales workers	([4])	([4])	29	3.0	3.4	3.9	5.6	6.5	([4])	.8
Clerical and kindred workers	[4] 197	[4] 245	194	13.2	14.1	14.9	20.5	27.3	[4] 7.4	3.8
Craftsmen and kindred workers	196	207	174	20.0	20.6	18.8	21.3	27.8	6.2	5.0
Operatives, except transport	[5] 168	[5] 162	192	15.5	18.4	20.9	30.5	42.4	[5] 4.9	5.5
Transport equipment operatives	([5])	([5])	19	2.5	2.9	3.2	4.0	4.9	([5])	.5
Laborers, except farm	133	129	129	18.3	13.0	12.1	12.2	22.9	3.9	3.7
Farmers and farm managers	49	26	7	.2	.9	1.4	.6	.5	.7	.2
Farm laborers and farm foremen	43	57	57	6.9	6.3	6.2	6.9	11.1	1.7	1.6
Service wkrs. exc. pvt. household	70	108	137	18.1	15.5	14.0	16.8	25.0	3.3	3.9
Private household workers	94	127	73	8.8	5.9	6.8	8.5	10.5	3.8	2.1
No occupation [6]	**1,329**	**1,857**	**2,102**	**243.6**	**236.6**	**243.9**	**273.0**	**352.7**	**55.9**	**60.0**

X Not applicable. [1] 1954-1960. [2] Beginning 1974, based on Bureau of the Census 1970 index of occupations; prior years based on 1950 and 1960 indexes. The occupations contained in the major groups are, therefore, not necessarily identical to the groupings of prior years. See Section 21-Science for data on scientists, engineers, and physicians. [3] Except farm. [4] Sales workers included in "Clerical and kindred workers." [5] Transport equipment operatives included in "Operatives, except transport." [6] Includes dependent women and children, and other aliens without occupation or occupation not reported.

Source of tables 131 and 132: U.S. Immigration and Naturalization Service, *Annual Report,* and releases.

No. 133. Immigrants Admitted, by Classes: 1930 to 1978

[For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 89–90. Excludes border crossers, crewmen, and aliens admitted on documentary waivers. See also *Historical Statistics, Colonial Times to 1970*, series C 143–157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota	**153,714**	**153,774**	**154,206**	**154,657**	**154,887**	**158,561**	**158,261**
Immigrants admitted	**241,700**	**70,756**	**249,187**	**237,790**	**265,398**	**296,697**	**361,972**
Natives of Eastern Hemisphere	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens	32,105	5,474	16,275	30,882	34,215	32,714	46,903
Other	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	**1973**	**1974**	**1975**	**1976**	**1977**	**1978**
Immigrants, total	**373,326**	**400,063**	**394,861**	**386,194**	**398,613**	**462,315**	**601,442**
Percent of aliens admitted	7.8	6.3	5.4	5.2	4.9	5.4	6.0
Subject to Eastern Hemisphere limitations	172,547	166,108	159,059	160,460	166,204	170,161	165,743
Subject to Western Hemisphere limitations	114,736	116,803	115,072	121,101	118,569	106,339	175,361
Exempt from numerical limitations	86,043	117,152	120,730	104,633	113,840	185,815	260,338
Subject to limitations [1]	287,283	282,911	274,131	281,561	284,773	276,500	341,104
Relative preferences	92,432	92,054	94,915	95,945	102,007	130,784	190,297
Unmarried sons and daughters of U.S. citizens and their children (1st pref.)	1,089	936	932	871	931	1,473	3,692
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference)	30,714	38,680	43,920	43,077	44,339	54,914	77,747
Married sons and daughters of U.S. citizens (4th preference) [2]	8,350	4,060	3,404	3,623	4,077	4,818	11,404
Brothers and sisters of U.S. citizens (5th preference) [2]	52,279	48,378	46,659	48,374	52,660	69,579	97,454
Occupational preferences	34,016	26,767	28,482	29,334	26,361	23,585	30,877
Immigrants in professions (3d preference)	10,142	8,521	7,763	8,363	8,318	6,554	5,287
Other workers (6th preference)	8,786	4,549	6,420	6,724	4,792	4,673	8,888
Their spouses and children	15,088	13,697	14,299	14,247	13,251	12,358	16,702
Conditional entrants (7th preference)	9,863	9,808	9,076	9,129	11,907	9,575	10,309
Nonpreference (incl. private bill cases)	36,058	37,363	26,475	25,961	25,775	77,358	54,120
Natives of Western Hemisphere, their spouses and children	102,529	96,762	99,800	96,547	91,319	34,115	55,411
Cuban Refugee Act (Act of Nov. 1966) [3]	12,207	20,041	15,272	24,554	27,250	952	(X)
Other	178	116	111	91	154	131	90
Exempt from numerical limitations	86,043	117,152	120,730	104,633	113,840	185,815	260,338
Immediate relatives	79,213	100,953	104,844	91,504	102,019	105,957	125,819
Wives of U.S. citizens	36,276	40,165	40,274	33,719	37,856	36,104	49,151
Husbands of U.S. citizens	15,619	27,123	27,284	21,901	22,234	26,105	28,906
Children of U.S. citizens	18,095	22,990	24,758	22,315	23,889	22,572	23,917
Orphans adopted abroad	(NA)	4,015	4,770	5,633	6,552	6,493	1,326
Parents of U.S. citizens	9,223	10,675	12,528	13,569	18,040	21,176	23,845
Cuban Refugee Act [3]	(X)	(X)	(X)	(X)	(X)	67,958	28,296
Indochinese Act, Oct. 1977	(X)	(X)	(X)	(X)	(X)	(X)	94,146
Special immigrants	6,342	7,098	6,964	7,080	5,961	6,204	5,962
Ministers of religion [2]	1,497	1,549	1,416	1,231	1,368	1,301	1,307
Employees of the U.S. Government abroad [2]	290	508	1,176	1,622	449	692	591
Children born abroad to resident aliens or subsequent to issuance of visa	3,012	3,760	3,477	3,636	3,405	3,550	3,625
Aliens adjusted [4]	1,543	1,281	895	591	739	661	439
Spouses of U.S. citizens and their children, Act of April 7, 1970	9	8,276	7,885	5,057	5,014	5,598	6,006
Others not subject to numerical limitation	479	825	1,037	992	846	98	109

NA Not available. X Not applicable.

[1] From 1970 to December 1976 preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 89–90. [2] Includes spouses and children. [3] See text, Status of Cubans, p. 90. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. [4] Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

NO. 134. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1978

[**In thousands, except percent.** For years ending **June 30** except, beginning **1977**, ending **September 30.** For definition of immigrants, see text, pp. 89-90. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1970*, series C 89-119]

COUNTRY	1820-1978, total	1951-1960, total	1961-1970, total	1971-1978, total	1974	1975	1976	1977	1978	PERCENT		
										1820-1978	1961-1970	1971-1978
Total	**48,664**	**2,515.5**	**3,321.7**	**3,502.2**	**394.9**	**386.2**	**398.6**	**462.3**	**601.4**	**100.0**	**100.0**	**100.0**
Europe	**36,203**	**1,325.6**	**1,123.4**	**664.0**	**80.4**	**72.8**	**73.0**	**74.0**	**76.2**	**74.4**	**33.8**	**19.0**
Austria[1]	4,315	67.1	20.6	8.6	.7	.5	.5	.5	.5	8.9	.6	.2
Hungary		36.6	5.4	5.3	.9	.6	.6	.5	.6		.2	.2
Belgium	203	18.6	9.2	4.1	.4	.4	.5	.5	.6	.4	.3	.1
Czechoslovakia	137	.9	3.3	4.5	.4	.3	.3	.3	.4	.3	.1	.1
Denmark	364	11.0	9.2	3.5	.5	.3	.4	.4	.4	.7	.3	.1
Finland	33	4.9	4.2	2.0	.2	.2	.2	.2	.3	.1	.1	.1
France	751	51.1	45.2	19.8	2.2	1.8	2.0	2.7	2.7	1.5	1.4	.6
Germany[1]	6,978	477.8	190.8	60.7	7.2	5.9	6.6	7.4	7.6	14.3	5.7	1.7
Great Britain[2]	4,898	195.5	210.0	106.0	11.7	12.2	13.0	14.0	16.4	10.1	6.3	3.0
Greece	655	47.6	86.0	81.8	10.6	9.8	8.6	7.8	7.0	1.3	2.6	2.3
Ireland[3]	4,723	57.3	37.5	9.8	1.3	1.1	1.0	1.0	.9	9.7	1.1	.3
Italy	5,294	185.5	214.1	117.9	15.0	11.0	8.0	7.4	7.0	10.9	6.4	3.4
Netherlands	359	52.3	30.6	8.3	1.0	.8	.9	1.0	1.2	.7	.9	.2
Norway	856	22.9	15.5	3.1	.4	.4	.3	.3	.4	1.8	.5	.1
Poland[1]	516	10.0	53.5	28.6	3.5	3.5	3.2	3.3	4.5	1.1	1.6	.8
Portugal	446	19.6	76.1	86.2	10.7	11.3	11.0	10.0	10.5	.9	2.3	2.5
Spain	259	7.9	44.7	34.1	4.7	2.6	2.3	5.6	4.3	.5	1.3	1.0
Sweden	1,272	21.7	17.1	5.0	.6	.5	.6	.6	.6	2.6	.5	.1
Switzerland	349	17.7	18.5	6.9	.7	.7	.8	.8	.9	.7	.6	.2
U.S.S.R.[1,4]	3,374	.6	2.3	26.5	.9	4.7	7.4	5.4	4.7	6.9	.1	.8
Yugoslavia	114	8.2	20.4	26.6	5.0	2.9	2.3	2.3	2.2	.2	.6	.8
Other Europe	308	10.8	9.2	14.6	1.8	1.3	2.0	2.0	2.5	.6	.3	.4
Asia	**2,855**	**153.3**	**427.8**	**1,169.1**	**127.0**	**129.2**	**146.7**	**150.8**	**243.6**	**5.9**	**12.9**	**33.4**
China[5]	528	9.7	34.8	84.4	10.0	9.2	9.9	12.5	14.5	1.1	1.0	2.4
Hong Kong	[6]183	15.5	75.0	92.7	10.7	12.5	13.7	12.3	11.1	.4	2.3	2.6
India	163	2.0	27.2	122.8	11.7	14.3	16.1	16.8	19.1	.3	.8	3.5
Iran	[6]40	3.4	10.3	26.6	2.5	2.2	2.6	4.2	5.9	.1	.3	.8
Israel	[6]86	25.5	29.6	29.9	2.9	3.5	5.2	4.4	4.5	.2	.9	.9
Japan	406	46.3	40.0	40.9	5.4	4.8	4.8	4.5	4.5	.8	1.2	1.2
Jordan	[6]38	5.8	11.7	20.8	2.5	2.3	2.4	2.9	3.2	.1	.3	.6
Korea	[6]247	6.2	34.5	206.7	27.5	28.1	30.6	30.7	28.8	.5	1.0	5.9
Lebanon	[6]53	4.5	15.2	32.5	3.0	4.0	5.0	5.5	4.8	.1	.5	.9
Philippines	[7]390	19.3	98.4	271.9	32.5	31.3	36.8	38.5	36.6	.8	3.0	7.8
Turkey	385	3.5	10.1	9.8	1.4	1.1	1.0	1.0	1.0	.8	.3	.3
Vietnam	[8]114	2.7	4.2	110.2	3.1	2.7	2.4	3.4	87.6	.2	.1	3.1
Other Asia	224	9.0	36.7	120.0	13.8	13.2	16.2	14.1	22.0	.5	1.2	3.4
America	**9,051**	**996.9**	**1,716.4**	**1,581.2**	**178.8**	**174.7**	**169.2**	**223.2**	**266.5**	**18.6**	**51.7**	**45.1**
Argentina	[9]94	19.5	49.7	24.1	2.9	2.8	2.7	3.1	4.1	.2	1.5	.7
Brazil	[9]57	13.8	29.3	14.6	1.6	1.4	1.4	1.9	2.2	.1	.9	.4
Canada	4,105	378.0	413.3	136.0	12.3	11.2	11.4	18.0	23.5	8.4	12.4	3.9
Colombia	[9]145	18.0	72.0	55.5	5.9	6.4	5.7	8.2	10.9	.3	2.2	1.6
Cuba	[10]525	78.9	208.5	235.7	17.4	25.6	28.4	66.1	27.5	1.1	6.3	6.7
Dominican Republic	[10]217	9.9	93.3	113.3	15.7	14.1	12.4	11.6	19.5	.4	2.8	3.2
Ecuador	[9]87	9.8	36.8	39.6	4.8	4.7	4.5	5.2	5.7	.2	1.1	1.1
El Salvador	[9]45	5.9	15.0	23.9	2.3	2.4	2.4	4.4	5.9	.1	.4	.7
Guatemala	[9]41	4.7	15.9	19.6	1.6	1.9	2.0	3.7	4.1	.1	.5	.6
Haiti	[10]83	4.4	34.5	43.7	3.8	5.0	5.3	5.2	6.1	.2	1.0	1.2
Honduras	[9]34	6.0	15.7	12.3	1.4	1.4	1.3	1.6	2.7	.1	.5	.4
Mexico	2,124	299.8	453.9	531.2	71.9	62.6	58.4	44.6	92.7	4.4	13.7	15.2
Panama	[9]47	11.7	19.4	16.3	1.7	1.7	1.8	2.5	3.3	.1	.6	.5
Peru	[9]48	7.4	19.1	21.1	2.0	2.3	2.6	3.9	5.1	.1	.6	.6
West Indies	724	29.8	133.9	203.9	24.4	22.3	19.6	27.1	34.6	1.5	4.0	5.8
Other America	679	99.2	106.2	90.5	9.1	8.9	9.3	16.1	18.6	1.4	3.2	2.6
Africa	**131**	**14.1**	**29.0**	**55.5**	**5.2**	**5.9**	**5.7**	**9.6**	**10.3**	**.3**	**.9**	**1.6**
Australia and New Zealand	**120**	**11.5**	**19.6**	**19.1**	**2.0**	**1.8**	**2.1**	**2.5**	**2.6**	**.2**	**.6**	**.5**
All other	**307**	**14.0**	**5.7**	**13.5**	**1.4**	**1.8**	**1.9**	**2.2**	**2.2**	**.6**	**.2**	**.4**

[1] 1938-1945, Austria included with Germany; 1899-1919, Poland included with Austria-Hungary, Germany, and U.S.S.R. [2] Beginning 1952, includes data for United Kingdom not specified, formerly included with "Other Europe." [3] Comprises Eire and Northern Ireland. [4] Europe and Asia. [5] Beginning 1957, includes Taiwan. [6] Prior to 1951, included with "Other Asia." [7] Prior to 1951, Philippines included with "All other." [8] Prior to 1953, data for Vietnam not available. [9] Prior to 1951, included with "Other America." [10] Prior to 1951, included with "West Indies."

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 135. Immigrants, by Country of Birth: 1951 to 1978

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of immigrants, see text, pp. 89-90. See headnote, table 134 for statement on boundary changes]

Country of birth	1951-1960, total	1961-1970, total	1971-1978, total	1970	1974	1975	1976	1977	1978	Percent 1961-1970	Percent 1971-1978
All countries	**2,515.5**	**3,321.7**	**3,502.2**	**373.3**	**394.9**	**386.2**	**398.6**	**462.3**	**601.4**	**100.0**	**100.0**
Europe [1]	**1,492.2**	**1,238.6**	**668.4**	**116.0**	**81.2**	**74.0**	**72.4**	**70.0**	**73.2**	**37.3**	**19.1**
Austria	29.7	13.7	3.9	.9	.4	.4	.3	.4	.5	.4	.1
Belgium	12.9	8.5	3.2	.5	.4	.3	.4	.4	.4	.3	.1
Czechoslovakia	28.8	21.4	8.3	4.5	.7	.5	.6	.6	.7	.6	.2
Denmark	13.7	11.8	3.6	.6	.4	.4	.4	.4	.4	.4	.1
Finland	6.7	5.8	3.4	.5	.3	.3	.3	.3	.4	.2	.1
France	38.0	34.3	14.1	2.5	1.6	1.4	1.5	1.6	1.8	1.0	.4
Germany	345.5	200.0	53.1	9.7	6.3	5.2	5.8	6.4	6.7	6.0	1.5
Greece	48.4	90.2	83.8	16.5	10.8	10.0	8.4	7.8	7.0	2.7	2.4
Hungary	64.5	17.3	10.0	1.8	1.3	.9	.9	.9	.9	.5	.3
Ireland	64.4	42.4	12.2	1.6	1.6	1.3	1.2	1.2	1.2	1.3	.3
Italy	188.0	206.7	118.5	25.0	15.9	11.6	8.4	7.5	7.4	6.2	3.4
Netherlands	47.2	27.8	8.4	1.5	1.0	.8	.9	1.0	1.2	.8	.2
Norway	24.7	16.4	3.9	.5	.4	.4	.3	.3	.4	.5	.1
Poland	128.0	73.3	34.3	3.6	4.0	3.9	3.8	4.0	5.1	2.2	1.0
Portugal	20.4	79.3	88.9	13.2	11.3	11.8	10.5	9.7	10.4	2.4	2.5
Romania	17.4	14.9	14.0	1.8	1.6	1.2	2.2	2.0	2.0	.4	.4
Spain	10.7	30.5	26.1	4.1	3.4	2.5	2.3	2.5	2.3	.9	.7
Sweden	18.9	16.7	4.8	.7	.6	.5	.5	.6	.6	.5	.1
Switzerland	17.2	16.3	5.1	1.1	.5	.5	.6	.6	.7	.5	.1
U. Kingdom	208.9	230.5	94.1	14.2	10.7	10.8	11.4	12.5	14.2	6.9	2.7
U.S.S.R	46.5	15.7	30.0	.9	1.2	5.1	8.2	5.7	5.2	.5	.9
Yugoslavia	58.7	46.2	37.8	8.6	5.8	3.5	2.8	2.8	2.6	1.4	1.1
Asia [1]	**157.1**	**445.3**	**1,208.5**	**94.9**	**130.7**	**132.4**	**149.9**	**157.8**	**249.8**	**13.4**	**34.5**
China [2]	32.7	96.7	150.7	14.1	18.1	18.5	18.8	20.0	21.3	2.9	4.3
Hong Kong	3.1	25.6	39.6	3.9	4.6	4.9	5.8	5.6	5.2	.8	1.1
India	3.1	31.2	134.4	10.1	12.8	15.8	17.5	18.6	20.8	.9	3.8
Iran	2.5	10.4	27.3	1.8	2.6	2.3	2.7	4.3	5.9	.3	.8
Iraq	1.4	6.4	18.0	1.2	2.3	3.0	3.4	2.8	2.2	.2	.5
Israel	8.6	12.9	19.9	2.0	2.0	2.1	3.0	3.0	3.3	.4	.6
Japan	44.7	38.5	37.4	4.5	4.9	4.3	4.3	4.2	4.0	1.2	1.1
Jordan	5.1	14.0	22.2	2.8	2.8	2.6	2.6	2.9	3.1	.4	.6
Korea	7.0	35.8	210.4	9.3	28.0	28.4	30.8	30.9	29.3	1.1	6.0
Lebanon	3.2	7.5	25.2	1.9	2.4	2.1	2.8	5.7	4.6	.2	.7
Philippines	17.2	101.5	276.7	31.2	32.9	31.8	37.3	39.1	37.2	3.1	7.9
Thailand	(NA)	5.0	36.7	1.8	5.0	4.2	6.9	3.9	3.6	.2	1.0
Turkey	2.4	6.8	14.7	2.1	1.9	1.6	1.7	1.8	1.6	.2	.4
Vietnam	2.0	4.6	113.5	1.5	3.2	3.0	3.0	4.6	88.5	.1	3.2
North America [1]	**769.1**	**1,351.1**	**1,322.6**	**129.1**	**151.4**	**146.7**	**142.3**	**187.3**	**220.8**	**40.7**	**37.8**
Canada	274.9	286.7	87.4	13.8	7.7	7.3	7.6	12.7	16.9	8.6	2.5
Mexico	319.3	443.3	528.5	44.5	71.6	62.2	57.9	44.1	92.4	13.3	15.1
West Indies [1]	122.8	519.5	612.4	61.4	63.0	67.4	66.8	114.0	91.4	15.6	17.5
Barbados	1.6	9.4	15.8	1.8	1.5	1.6	1.7	2.8	3.0	.3	.5
Cuba	78.3	256.8	246.2	16.3	18.9	26.0	29.2	69.8	29.8	7.7	7.0
Dominican Rep	9.8	94.1	113.3	10.8	15.7	14.0	12.5	11.7	19.5	2.8	3.2
Haiti	4.0	37.5	45.6	6.9	3.9	5.1	5.4	5.4	6.5	1.1	1.3
Jamaica	8.7	71.0	103.4	15.0	12.4	11.1	9.0	11.5	19.3	2.1	3.0
Trinidad and Tobago	1.6	24.6	51.3	7.4	6.5	6.0	4.8	6.1	6.0	.7	1.5
Central America [1]	44.6	97.7	93.9	9.3	9.2	9.7	9.9	16.5	20.2	2.9	2.7
El Salvador	4.8	15.0	23.8	1.7	2.3	2.4	2.4	4.4	5.8	.5	.7
Guatemala	4.1	15.4	19.3	2.1	1.6	1.9	2.0	3.6	4.0	.5	.6
Panama	9.7	18.4	15.7	1.6	1.7	1.7	1.7	2.4	3.1	.6	.4
South America [1]	**72.2**	**228.3**	**209.4**	**22.0**	**22.3**	**23.0**	**22.7**	**33.0**	**41.8**	**6.9**	**6.0**
Argentina	14.3	42.1	19.4	3.4	2.1	2.2	2.3	2.8	3.7	1.3	.6
Brazil	8.9	20.5	10.6	1.9	1.1	1.1	1.0	1.5	1.9	.6	.3
Colombia	17.6	70.3	55.6	6.8	5.8	6.4	5.7	8.3	11.0	2.1	1.6
Ecuador	9.5	37.0	39.6	4.4	4.8	4.7	4.5	5.3	5.7	1.1	1.1
Guyana	1.0	7.1	32.1	1.8	3.2	3.2	3.3	5.7	7.6	.2	.9
Peru	5.7	18.6	20.8	.9	1.9	2.3	2.6	3.9	5.2	.6	.6
Africa	**16.6**	**39.3**	**64.5**	**8.1**	**6.2**	**6.7**	**7.7**	**10.1**	**11.5**	**1.2**	**1.8**
Egypt	3.7	17.2	19.3	4.9	1.8	1.7	1.8	2.3	2.8	.5	.6
Australia	**3.7**	**9.9**	**11.5**	**1.7**	**1.2**	**1.1**	**1.4**	**1.4**	**1.6**	**.3**	**.3**
New Zealand	**1.3**	**3.7**	**4.7**	**.6**	**.4**	**.4**	**.4**	**.6**	**.6**	**.1**	**.1**
Other countries	**3.3**	**5.5**	**12.6**	**.9**	**1.5**	**1.8**	**2.0**	**2.1**	**2.1**	**.2**	**.4**

NA Not available. [1] *Includes countries not shown separately.* [2] *Includes Taiwan.*

Source: U.S. Immigration and Naturalization Service, *Annual Report,* and releases.

No. 136. Immigrants Admitted as Permanent Residents Under Refugee Acts, by Country of Birth: 1954 to 1978

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

COUNTRY OF BIRTH	1954–1978, total	1961–1970, total	1971–1976, total	1977	1978	COUNTRY OF BIRTH	1954–1978, total	1961–1970, total	1971–1976, total	1977	1978
Total	**873,714**	**212,719**	**194,031**	**78,485**	**132,781**	**Asia** [1]	**168,146**	**19,207**	**19,235**	**3,451**	**96,659**
Europe [1]	**333,634**	**55,914**	**40,408**	**6,520**	**7,258**	China [2]	25,763	5,300	9,018	975	1,064
Austria	5,713	233	141	8	14	Indonesia	15,989	7,658	40	21	30
Bulgaria	3,500	1,799	868	70	97	Japan	4,365	554	9	3	9
Czechoslovakia	11,542	5,709	2,303	138	247	Kampuchea	3,607	–	–	–	3,607
Germany	22,101	665	89	21	14	Korea	4,481	1,315	8	2	39
Greece	19,318	586	220	76	28	Laos	4,259	–	–	–	4,259
Hungary	52,172	4,044	3,211	271	332	Vietnam	88,135	5	36	1,319	86,777
Italy	60,405	1,198	296	22	13	Other Asia	21,547	4,375	10,124	1,131	874
Netherlands	17,428	3,134	9	–	–	**North America**	**361,826**	**131,955**	**132,578**	**68,171**	**28,473**
Poland	20,115	3,197	2,915	504	608	Cuba	359,862	131,448	132,131	67,985	28,299
Portugal	5,010	1,361	13	–	4	Other North America	1,964	507	447	186	174
Romania	17,268	7,158	3,233	722	1,070						
Spain	9,366	4,105	4,131	602	318	**South America**	**933**	**121**	**341**	**258**	**150**
U.S.S.R.	26,537	865	11,342	3,972	4,342	**Africa**	**9,004**	**5,486**	**1,459**	**85**	**227**
Yugoslavia	50,007	18,299	11,146	44	44	**Other**	**171**	**36**	**10**	–	**14**
Other Europe	13,152	3,561	491	70	127						

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

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 137. Indochina Refugees, 1975 to 1978, and by Characteristics, 1975

[Number of refugees present as of **Dec. 31,** except as noted. Includes only refugees resettled in U.S. See text, status of Indochinese, p. 90]

CHARACTERISTIC	Number (1,000)	Percent	CHARACTERISTIC	Number (1,000)	Percent
Refugees, total, 1978	[1] **176.3**	**100.0**	Occupation [3]	30.6	100.0
Refugees, total, 1977	**148.4**	**100.0**	Medical professions	2.2	7.2
Refugees, total, 1976	**144.1**	**100.0**	Prof., tech., and managerial	7.4	24.0
Refugees, total, 1975	[2] **123.3**	**100.0**	Clerical and sales	3.6	11.7
1975			Service workers	2.3	7.6
			Machine trades	2.7	8.7
Male	67.5	54.7	Structural and construction	2.0	6.6
Female	55.8	45.3	Other and unknown	10.4	34.2
Age:					
Under 6 years	20.4	16.6	Educational level [4]	67.0	100.0
6–17 years	36.1	29.3	None	1.4	2.1
18–24 years	22.7	18.4	Elementary	12.0	17.9
25–44 years	32.3	26.2	Secondary	25.4	37.9
45–62 years	9.3	7.5	University and above	13.1	19.5
63 years and over	2.5	2.0	Unknown	15.1	22.6

[1] As of Dec. 31, 1978, an additional 67,000 were resettled in other countries. [2] Covers period from April 18, 1975, to Dec. 10, 1975. [3] For heads of households. [4] For persons 18 years old and over.

Source: 1976–1978, U.S. Dept. of Health, Education, and Welfare, Task Force for Indochina, *Report to the Congress;* 1975, U.S. Dept. of State, Interagency Task Force for Indochina, *Report to the Congress.*

No. 138. Cuban Refugee Program: 1961 to 1979

[Except as noted, refugees receiving welfare assistance as of **June** and other data for years ending **June 30**]

ITEM	1961–1970, total	1971–1975, total	1971	1972	1973	1974	1975	1976	1977 [1]	1978 [1]	1979, [1] est.
Cuban Refugee Center, Miami, Fla.: Registrations (1,000)	355.9	82.7	46.9	19.0	6.9	4.6	5.3	3.2	2.0	1.5	6.5
Resettlements to other areas (1,000)	229.1	48.5	32.4	12.5	2.7	.5	.4	.4	.3	.1	.5
Refugees receiving welfare assistance [2] (1,000)	(X)	(X)	77.7	90.7	86.8	34.0	29.1	26.8	22.2	21.4	25.5
In Florida (1,000)	(X)	(X)	32.4	35.6	39.6	14.9	12.9	12.5	11.2	10.6	11.9
In other States (1,000)	(X)	(X)	45.3	55.1	47.2	19.1	16.2	16.3	11.0	10.8	13.6
Total cost of program [3] (mil. dol.)	472.0	591.5	112.1	136.7	143.7	114.8	84.2	83.8	66.4	53.9	39.0

X Not applicable. [1] Refugees receiving welfare assistance as of Sept. and other data for year ending Sept. 30. [2] Through State and local public welfare agencies with 100 percent Federal reimbursement from the Cuban Refugee Program. Beginning January 1974, most aged and disabled Cuban refugees were covered by Federal Supplemental Security Income program and were not considered welfare assistance cases. [3] Includes welfare assistance costs.

Source: U.S. Social Security Administration, unpublished data.

No. 139. Entries of Aliens and Citizens Over International Land Boundaries: 1950 to 1979

[**In millions.** For years ending **June 30** except, beginning **1977,** ending **September 30.** Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978	251.3	155.0	96.3	87.6	51.7	35.9	163.7	103.3	60.4
1979	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2

No. 140. Foreign Laborers Admitted, by Country of Last Permanent Residence: 1960 to 1979

[For years ending **June 30** except, beginning **1977,** ending **September 30.** Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under *Immigration and Nationality Act,* see table 145. *Mexican agricultural laborers were employed under the provisions of Public* Law 78 from 1949 until December 31, 1964. *After that date,* Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	[1] 447,207	155,761	47,483	37,294	33,908	25,434	22,124	21,671	18,679	18,213
Agricultural laborers:										
Mexico	427,240	[2] 103,563	–	–	–	–	–	–	–	–
Canada	7,804	8,149	3,156	1,458	1,250	970	572	399	312	287
West Indies	10,874	15,397	15,895	11,712	11,625	11,245	11,568	11,661	10,955	12,246
Japan	969	31	–	–	–	–	–	–	–	–
Spain (Basque sheepherders)	213	453	463	381	322	211	185	206	274	258
Others:										
Canada woodsmen	(NA)	13,281	8,238	8,310	5,685	3,671	2,696	2,303	2,059	1,534
U.S. V.I. workers	(NA)	13,514	15,459	10,582	9,901	7,286	5,967	4,304	3,077	2,713
Workers admitted into Guam	–	1,373	4,272	4,851	5,125	2,051	1,136	2,798	2,002	1,175

– Represents zero. NA Not available. [1] Includes British Honduras, not shown separately.
[2] Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

No. 141. Aliens Admitted and Expelled: 1951 to 1978

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **September 30.** See also *Historical Statistics, Colonial Times to 1970,* series C 144, C 149, and C 158–160]

STATUS	1951–1960	1961–1970	1971–1978	1970	1974	1975	1976	1977	1978
Aliens admitted	**9,629**	**27,429**	**60,757**	**4,805**	**7,304**	**7,470**	**8,054**	**8,499**	**9,945**
Immigrant	2,515	3,322	3,502	373	395	386	399	462	601
Nonimmigrant	7,113	24,107	57,255	4,432	6,909	7,084	7,655	8,037	9,344
Deportable aliens located	3,584	1,608	6,335	345	788	767	876	1,042	1,058
Entry without inspection [1]	(NA)	780	5,504	244	693	668	773	935	971
From Mexico	(NA)	756	5,273	240	681	655	757	921	820
Other North American countries	(NA)	28	51	4	5	5	4	11	12
Aliens departed	**6,682**	**19,277**	[2] **32,789**	**3,246**	**5,059**	**5,130**	**5,146**	**5,381**	(NA)
Aliens expelled	**4,014**	**1,431**	**5,750**	**320**	**738**	**679**	**793**	**897**	**1,004**
Deported	130	96	189	17	19	23	28	30	28
Required to depart	3,884	1,334	5,562	303	719	656	765	867	976

NA Not available. [1] Includes other countries not shown separately. [2] Covers 1971–1977 only.
Source of tables 139–141: U.S. Immigration and Naturalization Service, *Annual Report.*

NO. 142. ALIEN DEPORTATION, BY SELECTED CAUSES: 1951 TO 1978

[For years ending **June 30** except, beginning **1977**, ending **September 30**]

CAUSE	1951–1960	1961–1970	1971–1978	1970	1974	1975	1976	1977	1978
Total	**129,887**	**96,374**	**179,606**	**16,893**	**18,624**	**23,438**	**27,998**	**30,228**	**28,371**
Entry without inspection or by false statements	54,457	43,561	126,633	8,035	11,839	16,529	21,777	25,012	24,165
Failure to maintain or comply with conditions of nonimmigrant status	25,260	31,334	29,058	4,436	3,839	3,649	3,782	3,150	2,543
Criminal	6,742	3,694	1,971	268	191	225	272	285	220
Violation of narcotic laws	947	1,462	3,063	202	396	583	464	372	314
Previously excluded or deported	4,002	3,601	3,555	393	440	526	481	315	236
Entry without proper documents	35,090	11,831	15,040	3,511	2,086	1,896	1,185	1,066	871
Other	3,389	891	286	48	33	30	37	28	22

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

NO. 143. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1960 TO 1979

[For years ending **June 30** except, beginning **1977**, ending **September 30**]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Prosecutions disposed of	**2,773**	**3,714**	**6,034**	**17,734**	**14,172**	**17,126**	**17,176**	**16,796**	**17,398**
Immigration violations	2,589	3,288	5,510	17,608	13,947	16,928	16,797	16,445	16,967
Nationality violations	184	426	524	126	225	198	379	351	431
Convictions	**2,557**	**3,442**	**5,497**	**16,634**	**12,811**	**15,772**	**15,388**	**15,348**	**15,463**
Immigration violations	2,400	3,037	4,991	16,570	12,676	15,653	15,223	15,140	15,163
Percent of prosecutions	92.7	92.4	90.6	94.1	90.9	92.5	90.6	92.1	89.4
Nationality violations	157	405	506	64	135	119	165	208	300
Percent of prosecutions	85.3	95.1	96.6	50.8	60.0	60.1	43.5	59.3	69.6
Aggregate fines ($1,000)	39	126	250	927	755	1,050	879	786	607
Aggregate imprisonment (years)	1,994	3,422	4,042	5,998	5,313	6,367	6,478	7,597	7,868

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

NO. 144. IMMIGRATION BORDER PATROL ACTIVITIES: 1965 TO 1979

[**In thousands, except as indicated.** For years ending **June 30** except, beginning **1977**, ending **September 30**]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Persons apprehended [1]	53.3	233.9	503.9	640.9	602.2	701.6	820.4	870.6	896.9
Deportable aliens located	52.4	231.1	498.1	634.8	596.8	696.0	812.5	862.2	888.7
Mexican	44.2	219.3	480.6	616.6	579.4	678.4	792.6	841.5	866.8
Canadian	5.8	7.8	8.7	7.4	7.3	5.9	5.8	6.5	5.7
Other	2.5	4.1	8.9	10.8	10.1	11.7	14.1	14.2	16.2
Smuggled aliens apprehended	1.8	18.7	41.6	83.1	80.4	82.9	138.8	159.2	172.7
Aliens located:									
Previously expelled	14.0	67.4	152.4	182.4	184.6	186.9	241.1	266.8	259.1
Previous criminal record	4.0	3.8	11.2	10.9	10.3	13.1	12.3	11.9	12.4
Conveyances examined	1,172	1,792	2,666	2,905	3,470	3,277	3,277	3,658	4,030
Automobiles	752	1,311	2,020	2,230	2,663	2,440	2,647	2,543	2,791
Persons questioned [2]	5,285	6,805	9,507	10,202	11,265	10,783	11,606	11,343	11,900
In automobiles	1,877	3,416	5,135	5,591	6,888	6,145	6,844	6,643	6,841
Pedestrians	2,065	1,661	2,145	2,243	2,056	2,293	2,333	2,186	2,259
Value of seizures ($1,000)	594	4,547	25,954	47,210	28,654	18,019	19,557	8,348	9,967
Narcotics ($1,000)	394	3,865	23,464	45,056	26,302	16,035	17,071	6,251	8,448

[1] Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.
[2] Includes types not shown separately.

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 145. Nonimmigrants Admitted, by Classes: 1966 to 1978

[**In thousands, except percent.** For years ending **June 30** except, beginning **1977**, ending **September 30**. For definition of nonimmigrants, see text, p. 89. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157]

CLASS OF ADMISSION	1966-1970, avg.	1971-1975, avg.	1976-1978, avg.	1970	1975	1976	1977	1978
Nonimmigrants	**3,245.5**	**5,909.0**	**8,345.0**	**4,431.9**	**7,083.9**	**7,654.5**	**8,036.9**	**9,343.7**
Temporary visitors, total	2,370.2	4,548.1	6,640.5	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4
Percent of total	73.0	77.0	79.6	75.5	78.9	79.6	79.4	79.7
For pleasure	2,109.3	4,106.4	5,951.1	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7
For business	260.8	441.7	689.5	324.8	527.4	583.6	684.1	800.7
Returning resident aliens[1]	366.0	695.6	931.9	493.5	800.0	844.3	897.7	1,053.6
Transit aliens	211.6	265.0	263.0	231.9	273.0	263.8	252.1	273.1
Foreign government officials[2]	44.6	62.0	77.3	50.5	68.4	77.0	71.2	83.8
Treaty traders and investors	13.2	32.7	43.9	19.2	35.0	37.4	44.0	50.4
Students[2]	83.2	109.4	170.2	107.3	116.0	133.0	171.0	206.7
Representatives to international organizations[2]	19.7	30.4	39.8	23.8	32.6	37.1	38.2	44.0
Temporary workers and industrial trainees	72.9	67.0	54.7	86.5	67.3	56.5	56.3	51.3
Workers of distinguished merit and ability	9.8	14.5	15.8	11.1	15.6	14.8	15.7	16.8
Other temporary workers	58.8	38.5	26.8	69.3	37.5	29.7	27.7	22.9
Industrial trainees	4.1	4.2	3.1	5.3	3.8	2.8	3.2	3.3
Their spouses and children	(X)	9.9	9.1	.8	10.6	9.2	9.7	8.3
Representatives of foreign information media	3.7	5.6	8.9	4.7	6.1	8.2	8.4	10.0
Exchange visitors[2]	58.0	66.1	69.8	66.6	63.4	62.8	71.5	75.1
NATO officials[2]	2.4	3.4	5.4	2.3	4.0	5.1	5.1	5.9
Persons betrothed to U.S. citizens and their children	(X)	7.9	6.6	.1	6.4	6.2	7.2	6.4
Intracompany transferees[2]	(X)	15.9	33.0	.4	22.3	26.3	32.8	40.0

X Not applicable. [1] Returning resident aliens who have once been counted as immigrants are included with nonimmigrants. [2] Includes spouses and children.

No. 146. Nonimmigrants Admitted, by Country of Birth: 1966 to 1978

[**In thousands.** For years ending **June 30** except, beginning **1977**, ending **September 30.** For definition of nonimmigrants, see text, p. 89. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. Includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card]

COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978	COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978
Total	**3,246**	**5,909**	**7,084**	**8,037**	**9,344**	**Europe**[1]	**1,242**	**1,914**	**2,076**	**2,451**	**3,020**
America[1]	**1,501**	**2,831**	**3,477**	**3,750**	**4,213**	Austria	21	29	32	38	46
Argentina	41	62	96	90	116	Belgium	21	34	37	48	62
Bahamas	62	83	71	87	108	Denmark	25	32	34	44	52
Brazil	36	71	93	68	86	France	127	191	191	246	283
Canada	133	193	223	275	262	Germany	209	345	385	450	550
Colombia	45	86	91	121	152	Greece	34	51	5260	60	65
Dominican Republic	87	121	149	155	167	Ireland	30	51	48	53	66
Ecuador	21	32	38	59	78	Italy	129	173	171	183	220
Guatemala	25	31	33	50	58	Netherlands	61	88	98	126	159
Haiti	16	33	43	52	62	Norway	23	38	41	50	56
Jamaica	60	106	124	128	143	Poland	21	31	42	39	49
Mexico	633	1,537	1,997	1,990	2,150	Portugal	20	38	43	48	56
Panama	15	28	29	36	41	Spain	39	60	68	86	99
Peru	30	40	47	47	45	Sweden	36	57	65	86	103
Trinidad and Tobago	25	42	43	52	62	Switzerland	41	61	73	98	116
Venezuela	50	71	87	176	247	U.S.S.R.[3]	8	12	16	16	19
Asia[1]	**292**	**930**	**1,260**	**1,461**	**1,692**	United Kingdom	329	533	582	665	878
China[2]	24	53	63	80	91	Yugoslavia	14	24	27	30	35
Hong Kong	8	20	28	30	37	**Africa**	**43**	**71**	**89**	**130**	**165**
India	24	56	69	80	101	**Australia and New Zealand**	**74**	**124**	**149**	**210**	**161**
Iran	9	24	35	98	131	**Other countries**	**95**	**41**	**33**	**35**	**93**
Israel	18	37	46	57	63						
Japan	114	565	810	807	892						
Korea	9	25	31	45	53						
Philippines	34	57	65	82	101						

[1] Includes countries not shown separately. [2] Includes Taiwan. [3] Europe and Asia.

Source of tables 145 and 146: U.S. Immigration and Naturalization Service, *Annual Report.*

NO. 147. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM: 1960 TO 1979

[**In thousands, except percent.** All aliens in the United States on January 1 are required to report their addresses to the Department of Justice in January except, for 1960, Mexican agricultural workers]

NATIONALITY	1960	1970	1978	1979		STATE OR AREA OF RESIDENCE	1960	1970	1978	1979	
				Number	Percent					Number	Percent
Total	**2,949**	**4,247**	**4,980**	**5,058**	**100.0**	**Total**	**2,949**	**4,247**	**4,980**	**5,058**	**100.0**
Canada	295	428	333	296	5.9	Arizona	35	49	64	67	1.3
China[1]	48	107	144	183	3.6	California	567	982	1,284	1,317	26.0
Colombia	12	59	78	81	1.6	Colorado	20	23	35	35	.7
Cuba	63	433	355	338	6.7	Connecticut	75	109	94	95	1.9
Dominican Rep.	(NA)	72	118	120	2.4	Florida	84	290	370	376	7.4
Ecuador	6	31	51	52	1.0	Hawaii	51	53	70	70	1.4
France	35	47	37	49	1.0	Illinois	199	264	288	290	5.7
Germany	263	229	167	167	3.3	Indiana	29	30	31	33	.7
						Maryland	28	48	65	57	1.1
Greece	49	73	66	64	1.3	Massachusetts	128	169	169	167	3.3
India	10	42	113	126	2.4						
Ireland	68	52	29	31	.6	Michigan	142	146	136	136	2.7
Italy	257	247	195	189	3.7	New Jersey	151	233	276	269	5.3
Jamaica	(NA)	60	90	92	1.8	New York	554	821	796	763	15.1
Japan	72	82	103	105	2.1	Ohio	109	98	85	86	1.7
Korea	10	31	158	170	3.4	Pennsylvania	126	110	109	110	2.2
Mexico	510	734	989	1,041	20.6	Rhode Island	18	26	32	33	.7
						Texas	238	258	392	425	8.4
Netherlands	40	48	36	36	.7	Virginia	19	31	52	55	1.1
Philippines	61	125	231	238	4.7	Washington	51	63	73	77	1.6
Poland	167	124	87	86	1.7	Wisconsin	35	35	32	32	.6
Portugal	32	81	128	134	2.7						
United Kingdom	227	330	321	311	6.2	Puerto Rico	6	52	44	44	.9
Vietnam	(NA)	4	123	134	2.7	Virgin Islands	3	19	22	24	.5
Yugoslavia	51	43	40	32	.6						
All other	673	765	988	983	19.3	All other	281	338	461	497	9.7

NA Not available. [1] *Includes Taiwan.*

NO. 148. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1978

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series C 168 and C 180]

PERIOD OR YEAR	Declarations filed[1]	PETITIONS[2]		CERTIFICATES ISSUED				
		Filed	Denied	Total	Status		Sex	
					Civilian	Military	Male	Female
Total, 1907–1978	**8,793.4**	**10,577.0**	**483.2**	**[3]9,972.3**	**9,368.0**	**604.3**	**4,624.1**	**3,755.4**
1907–1910	526.3	164.0	17.7	111.7	111.7	–	(NA)	(NA)
1911–1920	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921–1930	2,709.0	1,884.3	165.5	[3]1,773.2	1,717.0	56.2	[4]1,166.2	[4]255.2
1931–1940	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941–1950	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951–1960	323.8	[5]1,230.5	27.6	[5]1,189.9	1,148.2	41.7	503.5	686.4
1961–1970	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971–1978	112.7	1,198.6	19.5	1,142.7	1,086.4	56.3	531.0	611.4
1950	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955	10.9	[5]213.5	4.6	[5]209.6	197.6	12.0	95.9	113.7
1960	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977	7.5	166.4	2.8	159.9	154.7	5.3	73.4	86.5
1978	7.3	168.8	3.9	173.5	168.4	5.1	78.7	94.8

– Represents zero. NA Not available. [1] Declaration of intention to become citizen.
[2] Petition for naturalization. [3] Includes certificates not distributed by sex.
[4] 1923–1930 only. [5] Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source of tables 147 and 148: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 149. Aliens Naturalized—Characteristics: 1960 to 1978

[*For years ending* **June 30** *except, beginning* **1977**, *ending* **September 30.** Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 162–167 and C 170–171]

CHARACTERISTIC	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total naturalized	**119,442**	**104,299**	**110,399**	**116,215**	**120,740**	**131,655**	**141,537**	**142,504**	**159,873**	**173,535**
Under general naturalization provisions [1]	91,548	76,630	79,761	89,475	94,039	103,450	113,289	114,653	131,331	143,133
Under special provisions	27,894	27,669	30,638	26,740	26,701	28,205	28,248	27,851	28,542	30,402
Married to U.S. citizens	19,799	16,602	14,899	13,211	13,380	14,768	15,416	15,138	15,394	16,207
Children of U.S. citizens [2]	6,149	7,914	5,023	4,961	5,461	6,511	6,566	7,038	7,787	9,035
Filipinos [3]	88	3	–	1	–	1	–	–	–	–
Military	1,594	3,085	10,616	8,475	7,796	6,848	6,214	5,631	5,291	5,111
Other	264	65	100	92	64	77	50	44	70	49
By sex and marital status:										
Males [4]	50,896	48,495	52,666	55,416	56,901	60,823	66,587	66,007	73,377	78,746
Single	14,341	15,358	14,196	14,917	15,423	16,946	17,789	16,973	18,709	20,186
Married	34,517	31,766	36,979	38,794	39,752	41,982	46,723	46,898	52,342	55,569
Widowed	1,183	593	397	461	405	423	401	370	381	406
Divorced	852	773	1,088	1,244	1,321	1,472	1,674	1,766	1,945	2,585
Females [4]	68,546	55,804	57,733	60,799	63,839	70,832	74,950	76,497	86,496	94,789
Single	10,330	11,746	11,458	12,373	13,103	14,964	15,392	15,977	17,677	19,641
Married	52,252	40,483	42,128	43,007	46,271	50,880	54,487	55,308	62,887	68,591
Widowed	4,694	2,416	2,240	2,301	2,267	2,298	2,171	2,082	2,343	2,322
Divorced	1,262	1,156	1,001	2,215	2,198	2,690	2,900	3,130	3,589	4,235
Males per 1,000 females	743	869	912	911	891	859	888	863	848	831
Median age (years)	38.0	34.1	35.1	35.4	35.4	35.1	34.9	35.2	35.4	35.3
Male (years)	38.9	34.6	35.4	35.9	36.0	35.7	35.7	36.0	36.0	35.9
Female (years)	37.3	33.7	34.8	34.9	34.8	34.6	34.3	34.5	34.8	34.8

– Represents zero. [1] See text, p. 90. [2] Includes adopted children.
[3] With U.S. residence beginning prior to May 1, 1934. [4] Through 1972 includes status unknown, not shown separately.

No. 150. Aliens Naturalized, by Country of Former Allegiance, and by State of Residence: 1970 to 1978

[For years ending **June 30** except, beginning **1978**, ending **September 30.** Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 169–179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1978		STATE OR AREA OF RESIDENCE	1970	1975	1978	
			Number	Percent				Number	Percent
Total	**110,399**	**141,537**	**173,535**	**100.0**	**Total**	**110,399**	**141,537**	**173,535**	**100.0**
Canada	6,340	3,548	3,594	2.1	Arizona	1,007	1,088	1,069	.6
Central America [1]	2,480	2,773	3,818	2.2	California	20,054	26,834	36,544	21.1
China [2]	3,099	9,683	11,303	6.5	Colorado	716	878	1,297	.8
Colombia	970	1,699	2,663	1.5	Connecticut	2,444	3,509	3,242	1.9
Czechoslovakia	506	1,738	1,449	.8	Florida	11,556	10,576	13,138	7.6
Egypt	377	1,988	1,805	1.0	Georgia	873	853	1,020	.6
Germany	10,067	5,187	4,278	2.5	Hawaii	2,658	3,094	3,672	2.1
Greece	2,906	6,647	5,758	3.3	Illinois	6,823	9,707	12,864	7.4
India	325	2,720	6,477	3.7	Indiana	749	1,113	1,163	.7
Italy	7,892	8,798	8,180	4.7	Maryland	1,855	2,227	4,368	2.5
Israel	1,516	1,844	1,419	.8	Massachusetts	3,813	5,448	5,519	3.2
Korea	1,687	6,007	12,575	7.3	Michigan	2,865	3,674	3,518	2.0
Mexico	6,195	5,781	8,662	4.9	Minnesota	515	1,011	1,261	.7
Philippines	5,469	15,330	20,218	11.6	Missouri	744	983	986	.6
Poland	3,426	3,069	2,962	1.7	New Jersey	6,633	8,207	16,751	9.6
Portugal	1,374	3,728	3,599	2.1	New York	21,684	31,700	31,840	18.3
United Kingdom [3]	7,549	8,532	9,118	5.2	Ohio	2,589	3,741	3,518	2.0
Vietnam	282	1,369	1,594	.9	Oregon	481	734	863	.5
West Indies [1]	22,675	22,692	29,315	16.9	Pennsylvania	3,169	3,499	4,649	2.7
Cuba	20,888	15,546	16,053	9.3	Texas	4,858	4,569	5,725	3.3
Dominican Rep	538	1,518	2,504	1.4	Virginia	1,509	2,207	3,275	1.9
Haiti	433	1,966	2,273	1.3	Washington	1,352	2,124	2,289	1.3
Jamaica	479	2,152	6,459	3.7	Wisconsin	913	992	1,137	.7
Other West Indies	337	1,510	2,026	1.2	Guam	556	1,130	1,082	.6
Yugoslavia	1,725	3,273	2,881	1.6	Puerto Rico	1,535	1,625	1,247	.7
Other	23,539	25,131	31,866	18.4	Other	8,448	10,014	11,498	6.6

[1] Independent countries. [2] Includes Taiwan. [3] Includes colonies and dependencies.
Source of tables 149 and 150: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.



Section 4

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of health handicaps and diseases; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States.* Data on national health expenditures, medical costs, and insurance coverage which, prior to 1977, were collected by the U.S. Social Security Administration (SSA) are now collected by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review*, issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are published biennially (annually prior to the 1976-77 edition) by NCHS in *Health Resources Statistics.* Additional data on health personnel are collected by NCHS and are published in series 14 of *Vital and Health Statistics.* Statistics on hospitals are published annually by the American Hospital Association in *Hospital Statistics.* Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics,* both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—Estimates of national health care expenditures are compiled by type of expenditure and source of funds by the HCFA. These estimates are drawn from a number of sources such as the American Hospital Association and the following Federal agencies: the Veterans Administration; the Department of Defense; the Internal Revenue Service; the Department of Commerce national income accounts in the *Survey of Current Business;* the National Center for Health Statistics; the Social Security Administration; the Bureau of the Census in *Government Finances;* the Office of Education; the Occupational and Health Administration; the National Aeronautics and Space Administration; and the National Institutes of Health. For details, see the section on "Definitions, Concepts, and Sources of Data" in the annual report on national health expenditures published in the *Health Care Financing Review.*

The general method for arriving at national private health expenditures is to estimate the *total* national outlays (public and private) for each type of medical service or expenditure. From these outlays are then deducted the amounts paid to public and private hospitals, physicians in private practice, etc., under the various Federal, State, and local programs identified as components of total welfare expenditures.

Since 1974, data on public (Federal, State, and local governmental) expenditures have been organized and reported under 10 broad categories of health programs: Health insurance for the aged and disabled (Medicare); temporary disability insurance (medical benefits); workers' compensation (medical benefits); public assistance, including Medicaid (vendor medical payments); general hospital and medical care; Defense Department hospital and medical care (including military dependents); maternal and child health services; other public health activities; veterans' hospital and medical care; and medical vocational rehabilitation. For several Federal health programs, the data are taken from the Office of Management and Budget (OMB) special analysis of health programs. For the remainder, the data are supplied by various Federal, State, and local agencies.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics,* and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Health Resources Statistics,* DHEW Publication No. (PHS) 1509, and in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

These last two reports also present statistics on the number, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, and outpatient facilities. Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, hospital care, and family planning services are presented in NCHS series 13 and series 14, *Health Resources Utilization Survey* and *Manpower and Facilities.* Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey.*

The Health Care Financing Administration's *Health Insurance Statistics* presents data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged program (Medicare) begun in 1966 and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series A and B, and the Mental Health Statistical Note series.

Institutional population data based on the 1960 and 1970 censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 79 and 80). Data concerning long-term institutional care are available from the Survey of Institutionalized Persons conducted by the Bureau of the Census for the former U.S. Department of Health, Education, and Welfare.

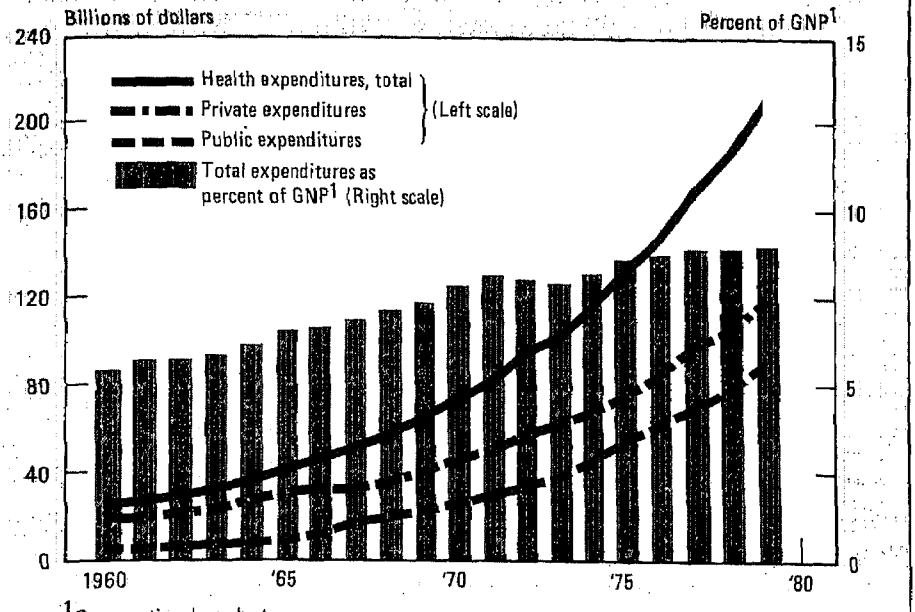
Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its Health Interview Survey and its Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics,* series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics on industrial injuries (see section 13). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Center for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report.* The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published quarterly (nutrient value, annually) in *National Food Review.* Historical data can be found in *Food Consumption, Prices, and Expenditures,* issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics.*

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

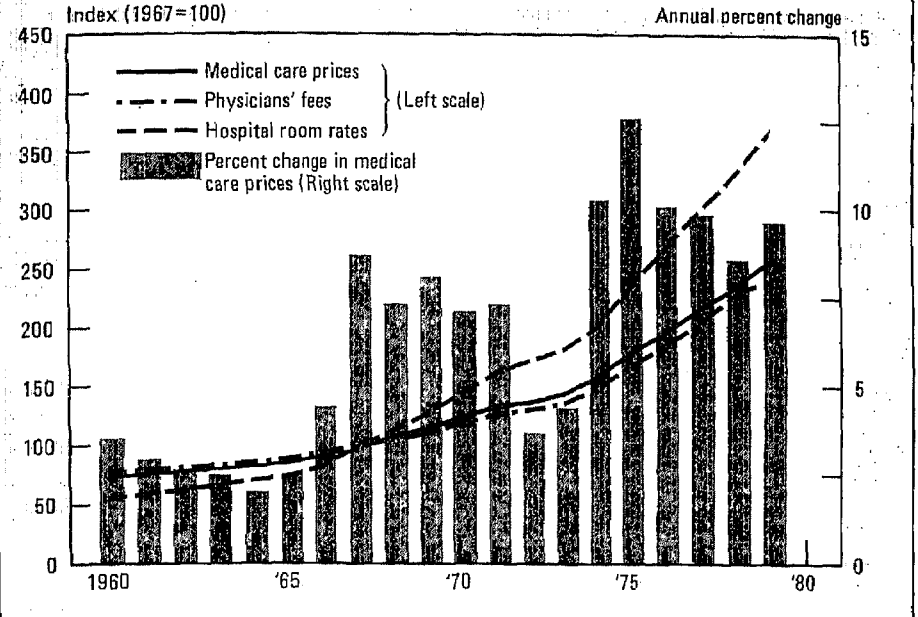
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 4.1
National Health Expenditures: 1960 to 1979



[1] Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 152.

Figure 4.2
Indexes of Medical Care Prices: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 159.

No. 151. National Health Expenditures: 1950 to 1979

[Calendar year]

Year	Total [1] (bil. dol.)	Total [1] Percent of GNP [2]	Health services and supplies: Private: Total [3] (bil. dol.)	Private: Direct payments: Total (bil. dol.)	Private: Direct payments: Percent of total private	Private: Insurance premiums [4] (bil. dol.)	Public: Total [5] (bil. dol.)	Public: Total [5] Percent of total health exp.	Public: Medical payments: Medicare (bil. dol.)	Public: Medical payments: Public assistance (bil. dol.)
1950	12.7	4.4	8.9	7.1	80.3	1.3	2.8	22.0	(X)	.1
1955	17.7	4.4	12.9	9.1	70.9	3.2	4.0	22.6	(X)	.2
1960	26.9	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(X)	.5
1965	42.0	6.1	29.6	18.6	62.9	10.0	9.0	21.4	(X)	2.1
1970	74.9	7.6	44.5	26.1	58.7	17.2	25.0	33.4	7.5	6.2
1971	83.1	7.8	48.5	27.5	56.6	19.7	28.5	34.3	8.3	8.1
1972	93.5	8.0	54.8	30.7	55.9	22.7	32.2	34.4	9.1	9.0
1973	103.0	7.9	60.4	33.4	55.3	25.5	35.9	34.8	10.1	10.2
1974	116.3	8.2	65.8	35.2	53.5	28.9	43.1	37.1	13.1	11.9
1975	132.1	8.6	72.5	37.7	52.1	33.0	51.3	38.9	16.3	14.9
1976	148.9	8.7	82.1	41.6	50.6	38.6	57.7	38.7	19.3	16.6
1977	169.9	8.9	95.8	48.9	51.0	44.5	65.0	38.3	22.5	18.6
1978	188.6	8.9	104.4	53.1	50.9	48.9	74.7	39.6	25.9	21.1
1979, prel.	212.2	9.0	117.1	60.0	51.2	54.4	85.2	40.2	30.3	24.3

X Not applicable. [1] Includes medical research and medical facilities construction. [2] GNP=Gross national product; see Section 14. [3] Includes other sources of funds not shown separately. [4] See footnote 4, table 152. [5] Includes other programs, not shown separately.

No. 152. National Health Expenditures, by Type: 1965 to 1979

[In millions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970*, series B 248-261]

Type of expenditure	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Total	**41,994**	**74,903**	**103,045**	**116,284**	**132,120**	**148,872**	**169,875**	**188,643**	**212,199**
Avg. annual percent change [2]	[3] 9.3	12.3	11.2	12.8	13.6	12.7	14.1	11.0	12.5
Private expenditures	**31,020**	**47,094**	**63,694**	**69,126**	**75,811**	**85,663**	**99,259**	**107,958**	**120,806**
Health services and supplies	29,552	44,534	60,419	65,821	72,476	82,145	95,788	104,404	117,081
Direct payments	18,584	26,128	33,410	35,233	37,725	41,554	48,855	53,057	59,973
Insurance premiums [4]	10,001	17,185	25,524	28,900	33,014	38,632	44,490	48,896	54,420
Other	966	1,221	1,485	1,688	1,737	1,959	2,444	2,452	2,688
Medical research	176	215	232	252	264	267	273	282	285
Medical facilities construction	1,292	2,345	3,043	3,053	3,071	3,251	3,198	3,272	3,440
Public expenditures	**10,974**	**27,809**	**39,351**	**47,158**	**56,309**	**63,209**	**70,616**	**80,685**	**91,393**
Percent Federal of public	51.3	63.4	63.9	64.6	65.8	67.4	67.2	66.8	66.7
Health services and supplies	8,999	25,049	35,872	43,086	51,346	57,677	65,006	74,709	85,237
OASDHI (Medicare) [5]	(X)	7,495	10,134	13,099	16,316	19,300	22,525	25,932	30,338
Temporary disability insurance [6]	52	67	70	72	74	83	74	78	78
Workers' compensation (med.) [6]	880	1,537	2,025	2,344	2,639	3,071	3,462	3,854	4,442
Public assistance med. payments [7]	2,112	6,205	10,191	11,888	14,866	16,593	18,620	21,129	24,326
General hospital, medical care [8]	2,680	3,961	5,320	5,601	5,451	4,999	5,708	6,739	7,417
Defense Dept. hospital, medical	1,013	1,887	2,451	3,121	3,071	3,251	3,353	3,666	4,023
Maternal, child health programs	241	406	454	518	562	609	640	670	696
Public health activities	814	1,420	2,233	2,731	3,157	3,813	4,316	5,284	6,047
Veterans' hospital, medical care	1,145	1,764	2,741	3,000	3,495	4,152	4,400	4,984	5,355
Medical vocational rehabilitation	40	149	177	203	224	224	250	257	275
Other	22	158	76	509	1,491	1,582	1,658	2,116	2,240
Medical research	1,270	1,674	2,206	2,450	2,975	3,368	3,536	4,041	4,330
Medical facilities construction	705	1,086	1,273	1,622	1,988	2,163	2,074	1,934	1,827

X Not applicable. [1] Preliminary. [2] Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Change from 1960. [4] Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). [5] Federal hospital and medical insurance under old-age, survivors, disability, and health insurance programs; see text, p. 327. [6] Includes medical benefits paid under public law by private insurance carriers and self-insurers. [7] Payments made directly to suppliers of medical care. Primarily Medicaid. [8] Primarily covers State and local psychiatric hospitals and school health.

Source of tables 151 and 152: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980 and earlier issues; and unpublished data.

No. 153. National Health Expenditures, by Object: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series B 221–235]

Object of expenditure	Expenditure (bil. dol.)								Percent			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
Total	**26.9**	**42.0**	**74.9**	**132.1**	**148.9**	**169.9**	**188.6**	**212.2**	**100.0**	**100.0**	**100.0**	**100.0**
Spent by:												
Consumers	18.8	28.6	43.3	70.7	80.2	93.3	102.0	114.4	69.9	57.8	53.5	53.9
Government	6.6	11.0	27.8	56.3	63.2	70.6	80.7	91.4	24.5	37.1	42.6	43.1
Philanthropy and industry	1.4	2.4	3.8	5.1	5.5	5.9	6.0	6.4	5.2	5.0	3.8	3.0
Spent for:												
Health services and supplies	25.2	38.6	69.6	123.8	139.8	160.8	179.1	202.3	93.7	92.9	93.7	95.3
Personal health care expenses	23.7	36.0	65.4	116.5	131.3	148.0	166.6	188.6	88.1	87.3	88.2	88.9
Hospital care	9.1	13.9	27.8	52.1	59.8	67.7	75.8	85.3	33.8	37.1	39.5	40.2
Physicians' services	5.7	8.5	14.3	24.9	27.6	31.9	35.8	40.6	21.2	19.1	18.9	19.1
Dentists' services	2.0	2.8	4.7	8.2	9.4	10.5	11.9	13.6	7.4	6.3	6.2	6.4
Other professional services [1]	.9	1.0	1.6	2.6	3.2	3.6	4.1	4.7	3.3	2.1	2.0	2.2
Drugs and sundries	3.7	5.2	8.2	11.8	12.8	14.0	15.4	17.0	13.8	11.0	8.9	8.0
Eyeglasses and appliances [2]	.8	1.2	1.9	3.0	3.2	3.5	3.9	4.4	3.0	2.6	2.3	2.1
Nursing home care	.5	2.1	4.7	10.1	11.4	12.8	15.1	17.8	1.9	6.3	7.6	8.4
Other health services	1.1	1.3	2.1	3.7	3.9	4.0	4.6	5.2	4.1	2.7	2.8	2.4
Expense for prepayment and administration [3]	1.1	1.7	2.8	4.1	4.7	8.5	7.2	7.7	4.1	3.7	3.1	3.6
Gov't public health activities	.4	.8	1.4	3.2	3.8	4.3	5.3	6.0	1.5	1.9	2.4	2.9
Research	.6	1.4	1.9	3.2	3.6	3.8	4.3	4.6	2.2	2.5	2.5	2.2
Construction	1.0	2.0	3.4	5.1	5.4	5.3	5.2	5.3	3.7	4.6	3.8	2.5

[1] Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. [2] Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc. [3] Net cost of insurance and administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980, and unpublished data.

No. 154. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1960 to 1979

[In dollars, except percent. Based on Bureau of the Census data for total U.S. population as of January 1 for 1960, as of July 1 beginning 1965; including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222–232]

Object of expenditure	1960	1965	1970	1975	1976	1977	1978	1979
Total, national	**137.00**	**194.91**	**333.89**	**569.42**	**637.53**	**727.23**	**802.81**	**899.03**
Avg. annual percent change [1]	6.4	7.3	11.4	11.3	12.0	14.1	10.4	12.0
Hospital care	49.46	70.20	133.39	239.76	272.70	306.29	339.94	379.23
Physicians' services	30.92	42.84	68.81	114.66	125.69	144.06	160.47	180.41
Dentists' services	10.75	14.20	22.79	37.88	43.08	47.65	53.31	60.46
Other professional services [2]	4.69	5.22	7.65	12.04	14.60	16.13	18.29	20.83
Drugs and drug sundries	19.89	26.35	39.39	54.33	58.28	63.26	68.91	75.43
Eyeglasses and appliances [2]	4.22	6.12	9.24	13.72	14.68	15.79	17.68	19.34
Nursing home care	2.86	10.48	22.54	46.47	51.93	57.94	67.69	79.13
Other health services	6.02	6.60	9.87	16.98	17.62	18.12	20.56	23.02
Expenses for prepayment and administration [2]	5.93	8.78	13.39	19.05	21.58	38.49	32.28	34.31
Gov't. public health activities	2.25	4.11	6.81	14.52	17.38	19.52	23.68	26.87
Total, private consumer	**102.44**	**144.53**	**207.63**	**325.31**	**365.62**	**422.17**	**456.97**	**508.32**
Hospital care	27.79	41.28	61.54	104.59	120.80	134.63	148.14	163.12
Physicians' services	28.88	39.83	53.92	84.46	93.69	107.51	118.69	133.09
Dentists' services	10.74	13.95	21.72	35.73	40.88	45.42	51.09	58.07
Other professional services [2]	4.49	4.93	6.51	9.27	11.33	12.18	13.65	15.27
Drugs and drug sundries	19.57	25.36	37.06	49.60	53.08	57.91	63.13	69.12
Eyeglasses and appliances [2]	4.13	5.98	8.72	12.68	13.51	14.45	16.10	17.52
Nursing home care	2.24	6.77	11.45	20.06	22.73	24.43	28.56	33.76
Expenses for prepayment [3]	4.60	6.43	6.92	8.91	9.59	25.65	17.60	18.37

[1] Change from prior year shown; for 1960 from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] See footnotes for corresponding objects in table 153. [3] Net cost of insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980, and unpublished data.

No. 155. Government Expenditures for Health Services and Supplies: 1975 and 1979

[**In millions of dollars, except percent.** Excludes medical research and construction]

Year and type of service	Total [1]	Percent distribution	Federal		State and local	Medicare [2] (OAS-DHI)	Public assistance [3]	Other health services		
			Total	Percent of total				Veterans	Defense Dept. [4]	Workers' compensation [5]
1975, total [1]	**51,346**	**100.0**	**33,915**	**66.1**	**17,431**	**16,316**	**14,866**	**3,495**	**3,071**	**2,639**
Hospital care	28,855	56.2	20,253	70.2	8,602	11,603	5,065	2,894	2,199	1,017
Physicians' services	6,552	12.8	4,665	71.2	1,887	3,338	2,009	38	76	884
Nursing home care	5,681	11.1	3,186	56.1	2,496	291	5,216	174	–	–
Drugs and sundries	1,027	2.0	527	51.3	500	–	954	9	8	41
Administration	2,007	3.9	1,163	57.9	845	728	618	37	23	594
Public health activities	3,157	6.1	1,221	38.7	1,936	–	–	–	–	–
1979, total [1]	**85,237**	**100.0**	**56,439**	**66.2**	**28,798**	**30,338**	**24,326**	**5,355**	**4,023**	**4,442**
Hospital care	47,692	56.0	34,886	73.1	12,806	21,651	8,574	4,444	2,637	1,696
Physicians' services	10,624	12.5	7,999	75.3	2,625	6,407	2,374	61	107	1,411
Nursing Home care	10,102	11.9	5,461	54.1	4,642	373	9,417	313	–	–
Drugs and sundries	1,420	1.7	705	49.6	716	–	1,312	13	11	66
Administration	3,306	3.9	1,787	54.1	1,519	1,010	1,113	50	23	1,100
Public health activities	6,047	7.1	1,341	22.2	4,706	–	–	–	–	–

– Represents zero. [1] Includes other items not shown separately. [2] Covers hospital and medical insurance payments and administrative costs under Old-age, Survivors, Disability and Health Insurance program. [3] Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. [4] Includes care for retirees and military dependents. [5] Medical benefits.

No. 156. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1950 to 1979

[**In millions of dollars, except percent.** Prior to 1960, excludes Alaska and Hawaii]

Item	1950	1960	1965	1970	1975	1976	1977	1978	1979
Personal health care expenditures [1]	10,885	23,660	36,000	65,372	116,522	131,276	147,968	166,627	188,551
Third party payments, total	**3,752**	**10,890**	**17,416**	**39,244**	**76,797**	**89,722**	**99,113**	**113,570**	**128,578**
Percent of total health care	34.5	45.1	48.4	60.0	67.6	68.3	67.0	68.2	68.2
Private insurance payments	992	4,996	8,729	15,744	31,077	36,528	38,819	44,969	50,286
Government expenditures	2,440	5,157	7,899	22,460	46,182	51,450	58,138	66,405	75,884
Philanthropy and industry	320	537	788	1,040	1,539	1,743	2,157	2,196	2,407
Private consumer expenditures [2]	**8,055**	**17,986**	**27,313**	**41,872**	**68,802**	**78,093**	**87,673**	**98,026**	**110,259**
Percent met by private insurance	11.4	27.8	32.0	37.6	45.2	46.8	44.3	45.9	45.6
Hospital care	1,832	5,108	8,164	12,824	22,744	26,493	29,767	33,052	36,708
Percent met by private insurance	37.1	64.7	70.9	78.0	82.5	82.6	76.9	80.8	81.2
Physicians' services	2,597	5,309	7,877	11,237	18,366	20,548	23,771	26,481	29,951
Percent met by private insurance	12.0	30.0	34.0	43.7	52.7	54.5	50.1	51.3	50.5

[1] See headnote, table 157. [2] Includes expenditures not shown separately. Excludes expenses for prepayment.

No. 157. Personal Health Care Expenditures, by Type and Source of Payment: 1979

[**In millions of dollars, except as indicated.** Covers all expenditures for health services and supplies except expenses for prepayment and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

Source	Total expenditures		Hospital care	Physicians' services	Dentists' services	Other professional services	Drugs and drug sundries	Eyeglasses and appliances	Nursing home care	Other health services
	Total	Per capita [1] (dol.)								
Total	**188,551**	**838**	**85,342**	**40,599**	**13,607**	**4,687**	**16,975**	**4,353**	**17,807**	**5,180**
Direct payments	59,973	267	8,905	14,813	9,938	2,832	14,216	3,789	7,481	–
Third party payments	128,578	571	78,437	25,786	3,669	1,855	2,760	564	10,326	5,180
Private health insurance	50,286	223	29,803	15,138	3,130	604	1,339	155	117	–
Government	75,884	337	47,692	10,624	539	1,200	1,420	409	10,102	3,897
Philanthropy and industry	2,407	11	942	24	–	52	–	–	107	1,283
Private [2]	**112,666**	**501**	**37,650**	**29,975**	**13,068**	**3,488**	**15,555**	**3,944**	**7,705**	**1,283**

– Represents zero. [1] For basis of per capita figures, see headnote, table 154. [2] Covers direct payments, private health insurance, and philanthropy and industry.

Source of tables 155-157: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980.

No. 158. Personal Health Care Expenditures, by Age Group, 1965 to 1978, and by Type: 1978

[**In millions of dollars, except per cpita.** For years ending **June 30** except, beginning 1977, ending **Sept. 30.** See headnote, table 157, for definition of personal health care expenditures. Data do not agree with tables 153, 154, and 156 because data shown here are not based on latest revisions for total national health expenditures]

YEAR AND TYPE OF EXPENDITURE	Total	Public	Private	UNDER 19 YEARS OLD		19–64 YEARS OLD		65 YEARS OLD AND OVER	
				Public	Private	Public	Private	Public	Private
1965	37,267	7,880	29,387	992	5,391	4,231	17,781	2,656	6,213
1970	65,723	22,442	43,281	2,479	7,878	9,389	28,708	10,577	6,694
1976	132,127	51,596	80,531	4,801	11,789	22,494	55,367	24,302	13,372
1977	149,139	58,091	91,048	5,206	13,053	25,196	62,382	27,690	15,613
1978, total	**167,911**	**65,042**	**102,870**	**5,696**	**14,180**	**28,172**	**70,497**	**31,175**	**18,192**
Per capita [1] (dollars)	753	292	461	82	204	218	546	1,280	747
Hospital care	76,025	40,919	35,107	3,235	3,835	19,159	28,626	18,524	2,645
Physicians' services	35,250	9,439	25,811	833	4,382	3,316	17,808	5,290	3,620
Dentists' services	13,300	539	12,761	234	2,546	261	8,876	45	1,338
Other professional services	4,275	972	3,303	205	193	307	2,480	459	631
Drugs and drug sundries	15,098	1,300	13,798	173	2,650	625	8,419	503	2,728
Eyeglasses and appliances	3,879	357	3,522	22	459	134	2,659	201	405
Nursing home care	15,751	8,358	7,394	67	1	2,457	600	5,834	6,790
Other health services	4,333	3,158	1,175	927	113	1,913	1,028	319	35

[1] Based on U.S. Bureau of the Census data as of January 1 for total U.S. population including Armed Forces and Federal civilian employees abroad, and the civilian population of outlying areas.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Spring 1980.

No. 159. Indexes of Medical Care Prices: 1960 to 1980

[**1967=100.** 1960 excludes Alaska and Hawaii. Indexes are components of consumer price index; for explanation, see text, pp. 475 and 476. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262–272]

YEAR	Index, total	Average annual percent change	Medical care services [1]	PROFESSIONAL SERVICES			Hospital room	Drugs and prescriptions [2]
				Total [1]	Physicians'	Dental		
1960	79.1	[3] 3.5	74.9	(NA)	77.0	81.2	57.3	104.5
1965	89.5	2.5	87.3	(NA)	88.3	92.2	75.9	100.2
1970	120.6	6.2	124.2	119.7	121.4	119.4	145.4	103.6
1971	128.4	6.5	133.0	127.5	129.8	127.0	163.1	105.4
1972	132.5	3.2	138.2	132.1	133.8	132.3	173.9	105.6
1973	137.7	3.9	144.3	136.4	138.2	136.4	182.1	105.9
1974	150.5	9.3	159.1	148.2	150.9	146.8	201.5	109.6
1975	168.6	12.0	179.1	164.5	169.4	161.9	236.1	118.8
1976	184.7	9.5	197.1	179.4	188.5	172.2	268.8	126.0
1977	202.4	9.6	216.7	194.1	206.0	185.1	299.5	134.1
1978	219.4	8.4	235.4	208.8	223.1	198.1	332.4	143.5
1979	239.7	9.3	258.3	226.8	243.6	214.8	370.3	153.8
1980, May	263.4	(x)	284.7	250.3	267.5	238.8	410.1	166.4

NA Not available. X Not applicable. [1] Includes other services, not shown separately. [2] Beginning 1978, represents medical care commodities which cover drugs, prescriptions, and other medical supplies. [3] Change from 1955.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups, Monthly and Annual Averages.*

No. 160. Benefit Expenditures of Private Health Insurance Organizations: 1975 to 1977

[**In millions of dollars.** For financial data on private health insurance organizations, see table 921]

TYPE OF CARE	Total	BLUE CROSS-BLUE SHIELD			INSURANCE COMPANIES			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
1975, total	31,917	14,192	10,076	4,116	14,526	12,957	1,569	3,200
1976, total	38,418	16,227	11,625	4,602	18,365	16,634	1,731	3,827
1977, total	**41,645**	**17,474**	**12,474**	**5,142**	**19,514**	**17,592**	**1,922**	**4,505**
Hospital care	24,571	11,505	11,280	225	11,245	9,983	1,262	1,821
Physicians' services	12,535	4,835	452	4,383	5,970	5,356	614	1,730
Dental care and other	4,539	1,286	742	544	2,299	2,253	46	954

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979.

No. 161. Private Health Insurance—Persons Covered for Specified Benefits: 1960 to 1977

[In millions, except percent. As of December 31. For persons covered under Federal Government programs, see tables 561, 563 and 564. Data for other plans from Survey of Independent Health Insurance Plans; see Appendix III. HIAA=Health Insurance Association of America. See *Historical Statistics, Colonial Times to 1970*, series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1972	1973	1974	1975	1976	1977
Hospital benefits, persons covered:									
Estimate, household survey (net) [1]	[2] 129.8	[3] 145.5	154.1	155.3	(NA)	162.7	162.4	164.2	168.2
Percent of population covered [4]	[2] 70.0	[3] 73.9	75.9	74.9	(NA)	77.3	76.4	76.8	78.0
Estimate by HIAA (net) [5 6]	122.5	138.7	158.8	164.1	168.5	173.1	178.0	176.6	179.0
Percent of population covered [4]	68.2	71.9	78.2	79.2	80.6	82.2	82.4	81.2	81.6
Blue Cross-Blue Shield plans, gross	57.5	63.7	75.5	78.6	81.3	83.8	85.8	85.5	85.1
Insurance companies, gross [6]	76.6	87.0	107.2	110.5	111.2	114.2	117.3	113.8	117.9
Group policies	54.4	63.0	80.5	81.5	83.6	85.4	87.2	86.8	89.2
Individual policies	22.2	24.0	26.7	29.0	27.5	28.8	30.1	27.0	28.7
Other plans, gross [7 8]	6.0	7.0	8.1	9.0	9.1	8.6	12.6	14.1	15.6
Surgical benefits, persons covered:									
Estimate, household survey (net) [1]	[2] 120.5	[3] 142.1	150.0	152.7	(NA)	158.9	160.2	162.2	163.9
Percent of population covered [4]	[2] 65.0	[3] 72.2	73.9	73.6	(NA)	75.5	75.4	75.8	76.0
Estimate by HIAA (net) [5 6]	111.5	130.5	151.4	154.7	162.6	166.4	168.9	167.4	167.2
Percent of population covered [4]	62.0	67.7	74.6	74.6	77.8	79.0	78.2	77.0	76.2
Blue Cross-Blue Shield plans, gross	48.3	56.3	69.1	72.4	75.1	76.9	77.8	77.0	75.4
Insurance companies, gross [6]	71.5	83.2	99.5	101.2	103.1	105.1	106.4	104.4	106.3
Group policies	55.5	65.5	81.5	82.7	84.5	86.6	88.0	88.3	91.9
Individual policies	16.0	17.7	18.0	18.6	18.6	18.5	18.5	16.1	14.4
Other plans, gross [7 8]	7.3	8.7	10.5	11.5	10.8	11.2	15.4	17.2	18.9
In-hospital medical visits:									
Estimate by HCFA (net) [8]	(NA)	(NA)	145.6	149.7	153.5	146.5	151.6	155.5	156.6
Percent of population covered [4]	(NA)	(NA)	71.7	72.2	73.4	69.6	71.4	72.7	72.6
Estimate by HIAA (net) [5]	83.2	109.6	138.7	140.9	146.3	158.2	161.9	163.1	160.4
Percent of population covered [4]	46.3	56.8	68.3	68.0	70.0	75.1	75.0	75.0	73.1
X-ray and lab. exams (out-of-hospital) (net) [8]	(NA)	79.5	142.4	149.4	152.8	152.2	156.7	150.9	150.4
Percent of population covered [4]	(NA)	41.2	70.2	72.1	73.1	72.3	73.8	70.6	69.8
Office and home visits (net) [8]	(NA)	(NA)	67.8	67.7	(NA)	126.2	127.7	124.1	121.7
Percent of population covered [4]	(NA)	(NA)	33.4	32.7	(NA)	59.5	60.1	58.0	56.5
Dental care (net) [8]	(NA)	3.1	12.0	16.9	20.5	27.9	30.0	41.2	49.7
Percent of population covered [4]	(NA)	1.6	5.9	8.2	9.8	13.3	14.1	19.3	23.1
Prescribed drugs (out-of-hospital) (net) [8]	(NA)	53.2	101.0	111.4	125.0	142.2	149.3	150.2	149.9
Percent of population covered [4]	(NA)	27.6	49.7	53.7	59.8	67.5	70.3	70.2	69.5
Private duty nursing (net) [8]	(NA)	56.0	100.2	109.0	118.8	140.4	145.9	147.3	148.6
Percent of population covered [4]	(NA)	29.0	49.4	52.6	56.9	66.6	68.7	68.9	68.9
Visiting nurse service (net) [8]	(NA)	60.1	106.9	115.9	122.7	135.8	141.6	145.9	151.8
Percent of population covered [4]	(NA)	31.2	52.6	55.9	58.7	64.5	66.6	68.2	70.4
Nursing home care (net) [8]	(NA)	9.9	32.4	45.5	69.2	69.6	70.1	70.4	65.9
Percent of population covered [4]	(NA)	5.1	16.0	21.9	33.1	33.0	33.0	32.9	30.6

NA Not available. [1] Surveys by U.S. National Center for Health Statistics. [2] 1962 data. [3] 1967 data. [4] Based on Bureau of the Census estimated civilian population as of January 1 of following year. [5] Includes duplication which occurs when persons are members of an independent prepaid or self-insured plan with which an insurance company has an administrative service agreement and/or a minimum premium plan. [6] Beginning 1975, includes Puerto Rico and outlying areas. [7] All private plans other than Blue Cross-Blue Shield and insurance companies. [8] Estimates by Health Care Financing Administration (HCFA).

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979. Data for 1960-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

No. 162. Persons Covered by Private Health Insurance: 1967 to 1977

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1974	1975	1976	1977	1967	1970	1974	1975	1976	1977
Hospital care	77.0	78.6	79.9	78.1	78.5	80.0	45.0	51.4	57.9	62.7	62.8	61.8
Physicians' services:												
Surgical services	75.2	76.9	78.3	77.9	78.3	79.6	44.1	46.7	54.0	55.0	55.6	47.1
In-hospital visits	65.6	75.1	78.7	79.6	76.3	76.3	31.1	41.1	40.1	42.8	43.4	43.2
X-ray and laboratory exams	50.0	73.8	77.0	78.2	75.0	74.4	18.7	37.4	32.0	37.1	34.2	32.6
Office and home visits	(NA)	35.2	63.5	63.9	62.2	60.3	(NA)	17.3	29.2	28.6	24.1	25.3
Dental care	2.6	6.5	14.6	15.5	21.3	25.3	.4	.6	1.6	2.4	2.9	5.0
Prescribed drugs (out-of-hospital)	39.0	53.5	73.4	76.1	76.3	75.8	9.7	15.9	17.3	21.8	20.6	19.2
Private duty nursing	41.5	53.1	72.5	74.3	74.8	75.4	11.7	15.8	16.9	21.7	20.0	16.9
Visiting nurse service	44.6	56.4	69.6	71.8	73.9	76.7	13.0	18.8	20.6	24.1	21.6	19.9
Nursing home care	8.9	15.4	35.0	34.6	34.4	31.8	15.2	24.7	16.2	19.6	20.9	20.4

NA Not available.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979. Data for 1967-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

NO. 163. PUBLIC AND PRIVATE HEALTH CARE COVERAGE BY FAMILY INCOME AND AGE: 1976

[Data based on the Survey of Income and Education conducted by the U.S. Bureau of the Census; see Appendix III, section I. Data adjusted by source for underreporting of coverage by public programs]

FAMILY INCOME IN 1975 AND AGE	POPULATION (1,000)			PERCENT DISTRIBUTION				
	Total	Without coverage	With coverage	Without coverage	With coverage			
					Total	Private only	Public only	Public and private
Total	**211,517**	**21,526**	**189,991**	**10.2**	**89.8**	**63.4**	**12.7**	**13.6**
Under $5,000	27,985	4,873	23,112	17.4	82.6	18.9	42.7	20.8
$5,000–$9,999	42,414	7,021	35,392	16.6	83.5	41.6	20.0	21.8
$10,000–$14,999	44,688	4,106	40,582	9.2	90.8	65.2	7.3	18.2
$15,000 and over	96,431	5,525	90,905	5.7	94.3	85.0	3.4	5.7
Under 6 years	19,000	2,632	16,368	13.9	86.2	67.6	14.4	4.1
6–18 years	50,326	5,637	44,689	11.2	88.8	71.6	11.6	5.4
19–24 years	22,965	4,711	18,254	20.5	79.5	67.6	8.1	3.4
25–44 years	54,232	5,037	49,196	9.3	90.7	72.0	8.3	10.3
45–64 years	43,273	3,290	39,983	7.6	92.4	70.0	8.8	13.5
65 years and over	21,721	219	21,502	1.0	99.0	1.5	37.7	59.8

Source: U.S. Congress, Congressional Budget Office, *Profile of Health Care Coverage: The Haves and Have-Nots. 1979.*

NO. 164. MAJOR MEDICAL EXPENSE INSURANCE—PERSONS COVERED: 1960 TO 1978

[**In millions.** As of **Dec. 31.** Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances]

TYPE OF COVERAGE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total enrollment, gross	**31.8**	**74.5**	**112.3**	**124.5**	**136.6**	**143.6**	**146.1**	**146.7**	[1] **159.8**	(NA)
Blue Cross-Blue Shield, gross	3.7	14.6	24.9	30.1	37.3	40.9	42.1	41.7	39.4	(NA)
Supplementary	3.0	(NA)	21.7	26.9	33.9	37.2	39.2	37.0	(NA)	(NA)
Comprehensive	.7	(NA)	3.2	3.2	3.4	3.6	2.9	4.6	(NA)	(NA)
Insurance companies, gross [2]	28.1	59.9	87.4	94.4	99.2	102.7	104.0	105.0	108.0	(NA)
Insurance policies, net total [2 3]	**25.4**	**53.0**	**77.1**	**83.7**	**87.8**	**91.0**	**92.2**	**93.2**	**96.0**	**102.5**
Group policies, net total	24.4	49.7	73.7	79.0	82.7	86.0	87.0	88.5	91.7	98.1
Supplementary	18.0	42.5	61.7	64.4	66.2	67.9	67.3	66.8	68.3	(NA)
Comprehensive	8.5	13.0	20.2	23.4	25.7	27.6	29.4	31.6	33.6	(NA)
Individual and family policies	1.6	4.5	5.4	6.6	7.3	7.2	7.3	6.7	6.1	6.9

NA Not available. [1] Includes 12.4 million persons covered by independent plans. [2] Beginning 1975, includes Puerto Rico and outlying areas. [3] Source: Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data,* annual. Data from Health Insurance Association of America, New York, N.Y.

Source: Except as noted, U.S. Health Care Financing Administration, *Health Care Financing Review,* Fall 1979. Data for 1960–1976 published by U.S. Social Security Administration in *Social Security Bulletin,* Sept. 1978, and earlier issues.

NO. 165. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1972 TO 1979

[**Persons 16 years old and over.** Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see Appendix III]

OCCUPATION	1972 (1,000)	1975 (1,000)	1979			OCCUPATION	1972 (1,000)	1975 (1,000)	1979		
			Number (1,000)	Percent—					Number (1,000)	Percent—	
				Female	Black [1]					Female	Black [1]
Total	**3,511**	**4,041**	**4,812**	**74.5**	**15.9**	Health administrators	118	152	185	48.1	7.0
Physicians, dentists, and related [2]	624	647	787	11.9	7.9	Health technologists and technicians [2]	315	397	534	69.5	11.4
Dentists	107	110	131	4.6	4.6	Clinical laboratory	142	177	217	71.9	15.7
Pharmacists	126	119	135	24.4	9.6	Radiology	68	79	104	73.1	7.7
Physicians [3]	328	354	431	10.7	9.5	Health service [2]	1,505	1,718	1,818	90.4	24.9
Registered nurses	801	935	1,223	96.8	11.4	Health aides and trainees [4]	148	219	281	87.5	22.4
Therapists	115	157	207	72.9	11.6	Nursing aides [5]	912	1,001	1,024	87.5	30.6
Dietitians	33	35	57	93.0	19.3	Practical nurses	342	370	376	97.9	18.6

[1] Comprises all races other than White. [2] Includes other occupations not shown separately. [3] Medical and osteopathic. [4] Excludes nursing. [5] Includes orderlies and attendants.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* Oct. 1973, Jan. 1976, and Jan. 1980.

NO. 166. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1978

[Physicians and dentists as of **end of year**; nurses as of **Jan. 1** except **April 1** for **1950**. Prior to 1960, data for nurses exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275–290]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978
Physicians, number (1,000)	233	255	275	305	348	409	426	438	454
Rate per 100,000 population [1]	149	150	148	153	166	188	194	199	204
Doctors of medicine [2] (1,000)	220	242	260	292	334	394	409	421	437
Active (exc. in Federal service) (1,000)	(NA)	(NA)	(NA)	255	282	338	351	362	381
Rate per 100,000 population [3]	(NA)	(NA)	(NA)	130	137	157	161	165	172
Active foreign med. school grad. [4] (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	77	81	84	85
Doctors of osteopathy (1,000)	13	14	14	13	14	[5] 15	[5] 16	[5] 17	17
Physicians admitted to U.S. as immigrants [6] (1,000)	1.9	1.0	1.6	2.0	3.2	5.4	6.2	7.1	4.4
Medical and osteopathic schools, number	85	87	91	93	107	123	123	126	134
Students (1,000)	26.9	30.5	32.0	34.1	39.7	57.2	59.6	61.9	64.3
Graduates (1,000)	5.9	7.4	7.5	7.8	8.8	13.4	14.3	14.5	15.4
Newly licensed physicians, total [4]	6,002	7,737	8,030	9,147	11,032	16,859	17,724	18,175	19,393
Percent of total active M.D.'s	(NA)	(NA)	(NA)	3.3	3.5	4.6	4.7	4.6	4.8
Graduates of—									
U.S. and Canadian medical schools	5,694	6,830	6,611	7,619	8,016	10,894	11,288	12,324	14,815
Foreign medical schools	308	907	1,419	1,528	3,016	5,965	6,436	5,851	4,578
Percent of total newly licensed	5.1	11.7	17.7	16.7	27.3	35.4	36.3	32.2	23.6
Dentists, number [7] (1,000)	87	95	103	109	116	(NA)	115	118	121
Active (exc. in Federal service) (1,000)	75	78	85	90	96	107	110	113	115
Rate per 100,000 population [3]	50	48	47	47	47	50	52	52	53
Dental schools, number	41	43	47	49	53	59	59	59	59
Students (1,000)	11.5	12.6	13.6	13.9	16.0	20.1	20.8	21.0	21.5
Graduates (1,000)	2.6	3.1	3.3	3.2	3.7	5.0	5.3	5.2	5.3
Nurses, number (*active registered*) (1,000)	375	430	504	613	700	906	961	1,011	1,059
Rate per 100,000 population [1]	249	259	282	319	345	427	449	469	487
Nursing schools, number [8]	1,203	1,139	1,119	1,153	1,328	1,347	1,349	1,337	1,339
Students (1,000) [8]	99	108	115	130	151	243	248	247	245
Graduates (1,000) [8]	26	29	30	35	44	74	77	78	78

NA Not available. [1] Based on Bureau of the Census resident population estimates; see source for estimates used. [2] Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 167. [3] Based on Bureau of the Census civilian population estimates; see source for estimates used. [4] Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in The U.S.*, annual. For newly-licensed physicians prior to 1975, *Medical Licensure Statistics*, annual. (Copyright.) [5] Estimated. [6] Source: U.S. Immigration and Naturalization Service, *Annual Report*. [7] Beginning 1960, excludes graduates of year stated. Beginning 1976, excludes inactive dentists. [8] 1950–1970 include Puerto Rico, 1965 and 1970 include Guam and Virgin Islands.

NO. 167. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1978

[As of **December 31**. Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,277 in 1974, 5,559 in 1975, 5,604 in 1976, 5,790 in 1977 and 5,843 in 1978]

TYPE OF PRACTICE	NUMBER (1,000)							PERCENT DISTRIBUTION				
	1965	1970	1974	1975	1976	1977	1978	1965	1970	1975	1977	1978
All physicians	**305.1**	**348.3**	**394.5**	**409.0**	**425.8**	**437.8**	**454.3**	**100**	**100**	**100**	**100**	**100**
Doctors of medicine	**292.1**	**334.0**	**379.7**	**393.7**	**409.4**	**421.3**	**437.5**	**96**	**96**	**96**	**96**	**96**
Active M.D.'s	277.6	311.2	350.6	366.4	378.6	382.0	401.4	91	89	90	87	88
Non-Federal [1]	268.1	301.3	345.6	359.7	373.1	390.4	408.0	88	87	88	89	90
Patient care	239.3	255.0	278.5	287.8	294.7	315.7	325.8	78	73	70	72	72
Office based [2]	185.3	188.9	203.9	213.3	214.7	231.1	238.9	61	54	52	53	53
General practice [3]	65.7	50.8	46.8	46.3	46.0	45.1	45.1	22	12	11	10	10
Specialty, full-time	119.6	138.1	157.1	167.0	168.7	186.0	193.8	39	40	41	42	43
Training programs	39.6	45.8	54.5	53.5	58.9	58.9	57.2	13	13	13	13	13
Full-time hospital staff	14.3	20.3	20.1	21.0	21.1	25.8	29.6	5	6	5	6	7
Other professional activity	15.5	26.3	25.1	24.3	26.1	27.9	29.8	5	8	6	6	7
Retired, not in practice	13.3	19.6	21.6	21.4	22.1	28.4	26.8	4	6	5	6	6
Federal	22.8	29.5	26.6	28.2	27.6	19.9	20.2	8	8	7	5	4
Patient care [4]	20.2	23.5	22.7	24.1	23.7	16.6	16.9	7	7	6	4	4
Full-time hospital staff	16.3	14.6	16.2	17.7	17.7	12.0	12.6	5	4	4	3	3
Other professional activity	2.7	6.0	3.9	4.1	3.9	3.3	3.3	1	2	1	1	1
Not reported	1.2	3.2	7.5	5.9	8.8	10.9	9.3	(Z)	1	1	2	2
Doctors of osteopathy [5]	**13.0**	**14.3**	**14.8**	**15.4**	**16.4**	**16.6**	**16.8**	**4**	**4**	**4**	**4**	**4**

Z Less than .5 percent. [1] Beginning 1970, includes physicians not classified. [2] Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. [3] Includes family practice. [4] Includes Federal physicians in office-based practice and training programs. [5] Source, beginning 1970: American Osteopathic Association, Chicago, Ill.

Source of tables 166 and 167: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

NO. 168. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1978

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

SPECIALTY	1970		1975, total	1977, total	1978						
					Total		Patient care				Other professional [2]
	Total	Percent			Number	Percent	Total	Office-based	Hospital-based		
									Full-time	Residents [1]	
Total	[3] **334.0**	**100.0**	[3] **393.7**	[3] **421.3**	[3] **437.5**	**100.0**	**342.7**	**239.9**	**42.2**	**60.6**	**33.1**
Male	(NA)	(NA)	358.1	379.8	391.9	89.6	310.8	(NA)	(NA)	(NA)	29.5
Female	(NA)	(NA)	35.6	41.5	45.5	10.4	31.9	(NA)	(NA)	(NA)	3.6
General practice	57.9	17.3	54.6	55.2	56.2	12.8	54.9	45.4	3.7	5.8	1.3
Medical [4]	77.2	23.1	95.1	105.7	109.7	25.1	96.9	64.9	11.4	20.7	12.8
Internal medicine	41.9	12.5	54.3	61.8	62.6	14.3	55.5	33.8	6.5	15.2	7.1
Pediatrics	17.9	5.4	21.7	24.0	24.5	5.6	22.3	14.9	2.6	4.8	2.3
Surgical [4]	86.0	25.8	96.0	101.2	102.4	23.4	98.6	73.6	7.5	17.4	3.8
General surgery	29.8	8.9	31.6	32.3	32.1	7.3	30.8	20.4	3.1	7.3	1.3
Obstetrics, gynecology	18.9	5.7	21.7	23.4	24.0	5.5	23.0	17.5	1.6	3.9	1.0
Ophthalmology	9.9	3.0	11.1	11.6	11.9	2.7	11.5	9.6	.5	1.4	.4
Orthopedic	9.6	2.9	11.4	12.3	12.7	2.9	12.3	9.4	.9	2.0	.4
Other [4]	89.6	26.8	94.6	101.8	107.5	24.6	92.3	56.0	19.7	16.7	15.1
Anesthesiology	10.1	3.0	12.9	13.9	14.2	3.3	13.4	9.8	1.9	1.6	.9
Psychiatry	21.1	6.3	23.9	24.9	25.6	5.9	22.8	14.2	5.1	3.5	2.8
Pathology	10.3	3.1	11.7	12.4	12.6	2.9	10.5	5.0	3.2	2.3	2.1
Radiology	10.5	3.1	11.5	12.1	11.6	2.6	10.8	7.3	2.1	1.4	.8

NA Not available. [1] Includes interns. [2] Medical teaching, administration, research, and other.
[3] 1970, includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1977, 28,363 inactive, 18,350 not classified, 10,946 address unknown; 1978, 26,831 inactive, 25,553 not classified, and 9,291 address unknown. [4] Includes specialists not shown separately.

Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the U.S., 1970*; and *Physician Distribution and Medical Licensure in the U.S.*, annual. (Copyright.)

NO. 169. PHYSICIANS, 1970 AND 1978, AND DENTISTS, 1978 —STATES

[See headnote, table 166. Excludes doctors of osteopathy, Federal physicians serving at military and diplomatic posts outside of the U.S. and its outlying areas, physicians with addresses unknown, and dentists in Federal service. Rates based on U.S. Bureau of the Census population estimates as of **July 1**; see source]

STATE	ACTIVE PHYSICIANS				ACTIVE DENTISTS, 1978		STATE OR OTHER AREA	ACTIVE PHYSICIANS				ACTIVE DENTISTS, 1978	
	Total		Rate [1]					Total		Rate [1]			
	1970	1978	1970	1978	Total	Rate [2]		1970	1978	1970	1978	Total	Rate [2]
U.S	**305,306**	**396,445**	**150**	**182**	**115,450**	**53**	Mont	744	1,027	107	131	435	56
							Nebr	1,725	2,277	116	145	925	60
Ala	3,201	4,562	93	122	1,285	35	Nev	549	911	111	138	332	51
Alaska	320	558	105	138	209	55	N.H	989	1,418	133	163	460	53
Ariz	2,610	4,569	146	194	1,151	49	N.J	10,303	13,216	143	180	4,697	64
Ark	1,817	2,548	94	116	704	32	N. Mex	1,300	1,855	127	153	491	41
Calif	38,590	50,850	193	228	13,762	62	N.Y	42,555	45,570	233	257	12,707	72
Colo	4,142	5,671	186	212	1,633	62	N.C	5,761	8,350	113	150	2,059	38
Conn	5,686	7,403	187	239	2,198	71	N. Dak	622	835	100	128	296	46
Del	735	951	133	163	257	44	Ohio	14,021	16,792	131	156	5,079	47
D.C	3,935	3,944	521	585	551	83	Okla	2,729	3,651	106	127	1,159	41
Fla	9,494	16,224	139	189	4,245	50	Oreg	2,963	4,327	141	177	1,693	69
Ga	5,284	7,471	115	147	2,062	41	Pa	17,721	21,315	150	181	6,305	54
Hawaii	1,149	1,892	148	211	567	67	R.I	1,528	1,921	161	205	505	54
Idaho	671	973	93	111	483	55	S.C	2,515	3,914	97	134	1,008	35
Ill	15,486	20,327	139	181	5,932	53	S. Dak	598	753	90	109	286	42
Ind	5,184	6,659	100	124	2,249	42	Tenn	4,797	6,736	122	155	2,022	47
Iowa	2,880	3,524	102	122	1,409	49	Tex	14,250	20,570	127	158	5,476	43
Kans	2,735	3,548	122	151	1,040	45	Utah	1,484	2,188	139	167	849	65
Ky	3,406	4,641	105	133	1,441	42	Vt	791	999	177	205	274	56
La	4,586	5,958	126	150	1,546	39	Va	6,200	8,965	133	174	2,400	48
Maine	1,061	1,631	106	149	482	45	Wash	5,235	7,020	153	186	2,555	69
Md	9,127	11,687	232	282	2,379	58	W. Va	1,829	2,533	104	136	713	38
Mass	11,885	14,732	208	255	4,000	69	Wis	5,271	7,017	114	150	2,673	57
Mich	10,766	13,742	121	149	4,787	52	Wyo	335	474	100	112	214	51
Minn	5,809	7,437	152	185	2,442	61							
Miss	1,965	2,630	89	109	738	31	Puerto Rico	2,479	3,577	91	106	(NA)	(NA)
Mo	5,967	7,679	127	158	2,283	47	Outlying areas	269	254	83	66	(NA)	(NA)

NA Not available. [1] Per 100,000 resident population. [2] Per 100,000 civilian population.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual (beginning 1976, biennial); and unpublished data.

NO. 170. PHYSICIAN AND DENTAL VISITS: 1970 TO 1978

[Refers to the civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

SEX AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1974	1975	1976	1977	1978	1970	1974	1975	1976	1977	1978
Total visits (million)	**927**	**1,025**	**1,056**	**1,041**	**1,020**	**1,017**	**304**	**342**	**341**	**336**	**343**	**342**
By males (million)	396	427	435	435	426	417	133	150	153	147	154	149
By females (million)	531	598	621	606	594	599	171	192	188	189	189	193
Visits per person	**4.6**	**4.9**	**5.1**	**4.9**	**4.8**	**4.8**	**1.5**	**1.7**	**1.6**	**1.6**	**1.6**	**1.6**
By males	4.1	4.3	4.3	4.3	4.2	4.0	1.4	1.5	1.5	1.4	1.5	1.4
By females	5.1	5.6	5.7	5.6	5.4	5.4	1.7	1.8	1.7	1.7	1.7	1.7
Under 6 years	5.9	6.3	6.5	6.3	6.3	6.4	.5	.5	.6	.5	.5	.6
6–16 years	2.9	3.2	3.2	3.0	3.1	3.1	1.9	2.1	2.0	1.9	2.0	2.1
17–24 years	4.6	4.5	4.8	4.4	4.3	4.3	1.8	1.7	1.8	1.8	1.6	1.5
25–44 years	4.6	5.0	5.1	4.9	4.7	4.7	1.7	1.7	1.7	1.7	1.7	1.7
45–64 years	5.2	5.5	5.6	5.7	5.4	5.3	1.5	1.8	1.8	1.8	1.8	1.7
65 years and over	6.3	6.7	6.6	6.9	6.5	6.3	1.1	1.2	1.2	1.2	1.3	1.2

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

NO. 171. VISITS TO PHYSICIANS, BY RACE, FAMILY INCOME, AND TYPE OF VISIT: 1978

[Refers to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

TYPE OF VISIT	VISITS (million)			PERCENT DISTRIBUTION BY TYPE OF VISIT							
					White families			Families of other races			
	Total	White	Other races	All families	Total	Under $5,000	$5,000–$9,999	$10,000 or more	Total	Under $5,000	$5,000–$9,999	$10,000 or more
Total visits [1]	**1,017**	**882**	**135**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Physicians' offices	683	605	78	67.2	66.6	64.2	66.9	69.9	57.8	50.5	55.2	62.6
Phone consultation [2]	128	120	8	12.6	13.7	13.2	12.0	14.3	5.7	3.5	6.3	7.9
Emergency room [3]	138	106	33	13.6	12.0	12.5	15.1	11.0	24.1	31.6	24.4	18.8
Other [4]	61	46	15	6.0	5.2	9.4	5.6	4.4	11.4	13.8	13.9	8.9

[1] *Includes unknown, not shown separately.* [2] Includes visits to patients' homes. [3] Includes visits to hospital outpatient department. [4] Represents schools, insurance offices, health department clinics, and other.

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

NO. 172. UNINCORPORATED AND INCORPORATED PHYSICIANS AND DENTISTS—MEDIAN EARNINGS FROM PRACTICE: 1959 TO 1978

[**In thousands of dollars.** Based on random sampling of all M.D.'s. *1978 data for physicians are based on 4,448 returned* questionnaires (30 percent of all questionnaires mailed in 1979). Of all questionnaires returned 46 percent gave usable responses to the income question. *Unincorporated:* Represents net income from practice after payment of tax-deductible *professional expenses but before payment of income taxes. For 1959–1970,* data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975–1978, to office-based, patient care M.D.'s all ages. *Incorporated:* Comprises office-based, patient care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. Data for dentists cover gross income *(total collected fees)* minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series D 918–919, for physicians and dentists]

FIELD OF PRACTICE	UNINCORPORATED							INCORPORATED			
	1959	1965	1970	1975	1976	1977	1978	1975	1976	1977	1978
All physicians [1]	**22.1**	**29.0**	**41.5**	**47.5**	**52.4**	**52.6**	**54.7**	**76.3**	**75.6**	**78.3**	**82.3**
General practitioners	20.0	25.1	37.4	38.6	43.7	46.0	45.7	59.2	58.7	63.4	71.0
Internists	22.3	27.7	41.3	53.7	53.6	59.6	53.7	71.1	66.9	73.5	73.6
General surgeons	27.9	32.5	45.0	53.7	61.4	56.7	62.5	83.3	78.4	81.6	88.8
Obstetricians-gynecologists	27.9	30.5	47.1	57.5	63.4	57.3	63.7	83.4	89.2	92.9	88.4
Pediatricians	20.7	25.2	35.9	43.5	45.9	49.2	49.1	58.6	56.6	62.5	67.1
Psychiatrists	(NA)	(NA)	(NA)	(NA)	(NA)	47.9	(NA)	(NA)	(NA)	62.3	(NA)
Family practitioners	(NA)	(NA)	(NA)	48.2	50.7	54.8	58.1	61.9	59.4	69.4	66.9
Orthopedic surgeons	(NA)	(NA)	(NA)	(NA)	(NA)	71.7	(NA)	[2] 87.5	(NA)	98.8	(NA)
All dentists [3]	[4] **13.4**	[5] **12.7**	**28.1**	[2] **30.2**	**40.0**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes specialties not shown separately. [2] 1974 data. [3] Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice,* biennial (copyright). Incorporated included in unincorporated. [4] 1958 data. [5] *1964 data.*

Source: Except as noted, Medical Economics Company, Oradell, N.J., *Medical Economics.* (Copyright © 1979 by Litton Industries, Inc.)

NO. 173. AVERAGE NET INCOME OF PHYSICIANS, BY GEOGRAPHIC DIVISION AND AREA OF RESIDENCE, 1970 TO 1977, AND BY SELECTED SPECIALTIES, 1977

[**In thousands of dollars.** Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. Relates to non-Federal, office-based, patient-care physicians. Based on periodic sample survey of physicians and subject to sampling variability]

GEOGRAPHIC DIVISION [1] AND AREA OF RESIDENCE	1970, total	1974, total	1975, total	1977						
				All specialties [2]	General practice	Internal medicine	Surgery	Pediatrics	Obstetrics [3]	Psychiatry
United States	**41.8**	**52.0**	**56.4**	**61.2**	**51.2**	**61.5**	**74.0**	**48.2**	**69.9**	**48.2**
New England	38.0	46.3	47.2	53.1	33.2	53.3	68.2	45.7	56.1	44.5
Middle Atlantic	37.6	47.7	53.2	55.9	39.8	61.7	68.3	45.6	61.7	48.1
East North Central	47.0	54.2	59.9	62.7	53.0	62.1	75.5	45.6	74.6	51.1
West North Central	41.1	53.6	56.6	61.2	52.9	64.4	73.8	50.6	76.9	45.1
South Atlantic	42.6	54.4	58.2	61.8	50.7	60.3	72.6	48.7	70.4	48.0
East South Central	42.0	58.4	65.5	68.2	69.8	66.2	76.2	67.5	72.4	51.1
West South Central	43.5	57.7	61.4	67.9	54.0	68.3	83.8	44.5	73.2	55.2
Mountain	39.4	49.5	54.7	57.5	52.8	53.2	64.8	46.9	93.3	47.4
Pacific	44.0	50.9	54.8	63.6	52.1	63.3	79.1	50.4	70.1	46.8
SMSA's [4] with—										
Under 1 mil. inhabitants	42.0	54.5	59.5	64.1	53.6	61.7	79.4	50.2	72.5	49.9
1 mil. inhabitants or more	42.0	51.5	55.6	60.6	47.4	61.5	72.6	47.6	67.5	48.5
Nonmetropolitan areas	40.4	48.8	52.4	57.5	52.8	60.5	65.4	45.9	76.3	39.3

[1] For composition of divisions, see Fig. 1 inside front cover. [2] Includes other specialties not shown separately. [3] Includes gynecology. [4] Includes all counties in standard metropolitan statistical areas (SMSA's) and all counties considered potential SMSA's. SMSA's are as designated in 1970 census publications; for definition of SMSA, see Appendix II.

NO. 174. AVERAGE FEES FOR INITIAL AND FOLLOWUP OFFICE VISITS, BY MEDICAL SPECIALTY: 1971 TO 1978

[Initial office visit covers new patients. Followup office visit covers established patients previously seen by the physician. Based on sample survey of physicians and subject to sampling variability]

MEDICAL SPECIALTY	INITIAL OFFICE VISIT					FOLLOWUP OFFICE VISIT				
	1971	1974	1975	1976	1978	1971	1974	1975	1976	1978
All specialties [1]	**$16.00**	**$19.55**	**$21.16**	**$24.90**	(NA)	(NA)	**$12.45**	**$13.08**	**$15.36**	(NA)
Annual percent change [2]	[3]16.3	6.9	8.2	17.7	(NA)	(NA)	[3]11.1	5.1	17.4	(NA)
General practice	9.65	12.03	13.11	14.80	$16.55	$6.93	8.75	9.29	10.65	$12.15
Internal medicine	20.38	23.11	26.11	31.27	32.53	9.96	12.28	13.56	15.52	16.83
Surgery	16.43	18.87	20.81	23.29	26.52	9.18	11.27	12.22	13.94	15.91
Pediatrics	11.18	14.49	16.18	17.45	19.03	7.89	10.38	11.07	12.52	13.72
Obstetrics-gynecology	17.59	22.07	23.57	27.41	29.85	9.52	13.10	13.73	15.40	18.23

NA Not available. [1] Includes specialties not shown separately. [2] Average change from prior year shown, except as noted. See Guide to Tabular Presentation. [3] Change from 1969.

Source of tables 173 and 174: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice,* annual. (Copyright.)

NO. 175. MEDICAL MALPRACTICE INSURANCE PREMIUMS, BY SPECIALTY: 1974 TO 1978

[Covers office-based, fee-for-service doctors of medicine (M.D.'s). Based on random sampling of all M.D.'s in this category. Data for 1974 are not comparable with later data because of change in survey methodology. For definition of median, see Guide to Tabular Presentation]

ITEM	MEDIAN PREMIUM (dol.)					PERCENT OF M.D.'S WITH NO COVERAGE			
	1974	1975	1976 [1]	1977 [1]	1978 [1]	1975	1976	1977	1978
All specialties [2]	**1,300**	**1,900**	**3,430**	**3,380**	**3,190**	**2**	**3**	**8**	**6**
General practitioners	1,000	1,300	2,090	2,050	2,240	6	7	7	7
Family practitioners	1,000	1,200	2,240	2,160	2,230	1	4	6	4
Internists	700	900	1,660	2,220	2,090	(z)	2	5	4
General surgeons	2,600	4,000	6,630	7,110	6,770	1	3	9	6
Obstetricians [3]	3,300	4,900	8,510	8,500	8,050	1	3	11	10
Pediatricians	600	800	1,650	1,750	1,860	1	2	5	4

Z Less than 1 percent. [1] Covers only M.D.'s with expenditures for malpractice insurance. [2] Includes specialties not shown separately. [3] Includes gynecologists.

Source: Medical Economics Company, Oradell, N.J., *Medical Economics,* (Copyright © 1979 by Litton Industries, Inc.)

NO. 176. INPATIENT HEALTH FACILITIES: 1968 TO 1978

[Based on Master Facility Inventory; see Appendix III]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Residents [1] (1,000)	Full-time employees (1,000)
		Govt. control	Profit control	Non-profit control	6-24 beds	25-74 beds	75 or more beds		
1968: All facilities	26,176	4,147	15,313	6,716	8,582	10,294	7,300	2,034	2,450
Nursing homes	18,185	1,376	14,048	2,761	7,779	7,383	3,023	783	(NA)
Hospitals	7,991	2,771	1,265	3,955	803	2,911	4,277	1,250	(NA)
1971: All facilities	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	568
Hospitals	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1973: All facilities	29,272	4,063	17,712	7,497	7,876	10,616	10,780	2,318	3,196
Nursing homes	21,834	1,319	16,712	3,803	7,383	8,081	6,370	1,198	636
Hospitals	7,438	2,744	1,000	3,694	493	2,535	4,410	[2]1,120	2,560
1976: All facilities	27,739	4,055	16,339	7,345	6,111	9,866	11,760	2,343	3,498
Nursing homes [3]	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1977: *All hospitals* [4]	7,234	2,641	975	3,618	415	2,314	4,505	1,033	2,924
General	6,322	2,212	775	3,335	360	2,053	3,909	792	2,556
Psychiatric	512	297	122	93	17	122	373	189	261
Chronic	59	40	3	16	–	9	50	18	24
Tuberculosis	19	17	–	2	–	2	17	2	4
1978: All hospitals [4]	7,159	2,607	958	3,594	396	2,268	4,495	1,017	2,974
General	6,270	2,192	758	3,320	346	2,013	3,911	791	2,611
Psychiatric	500	286	124	90	15	121	364	176	256
Chronic	59	40	3	16	–	9	50	18	24
Tuberculosis	15	13	–	2	–	1	14	2	4

– Represents zero. NA Not available. [1] Number of residents as of date of interview, except as noted.
[2] Average daily patients. [3] See footnote 2, table 186. [4] Includes types not shown below.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics,* annual; beginning 1976, biennial.

NO. 177. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1976 TO 1979, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1975 AND 1978—STATES

[**In dollars.** Average daily room charges cover nongovernmental short-term general hospitals and represent average cost to patient for a semiprivate room. Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis) and represent average cost to community hospitals per patient. Cost per patient based on *total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)*]

STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY [3]		AVERAGE COST PER STAY [3]		STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY [3]		AVERAGE COST PER STAY [3]	
	1976 [1]	1978 [2]	1979 [2]	1975	1978	1975	1978		1976 [1]	1978 [2]	1979 [2]	1975	1978	1975	1978
U.S	[4] **83**	[4] **105**	[4] **115**	**151**	**222**	**1,164**	**1,688**	Mo	71	84	93	129	193	1,059	1,597
Ala	62	79	83	114	176	831	1,246	Mont	75	89	98	111	148	711	1,164
Alaska	121	159	179	225	427	1,128	2,353	Nebr	68	82	88	117	166	945	1,368
Ariz	71	89	98	175	251	1,296	1,783	Nev	88	107	125	182	289	1,186	1,837
Ark	*56*	*68*	*77*	*102*	*154*	*664*	*981*	N.H	81	102	107	130	196	919	1,375
Calif	109	132	143	217	334	1,435	2,191	N.J	92	120	134	142	195	1,239	1,718
Colo	79	97	110	149	231	983	1,547	N. Mex	76	92	103	142	242	839	1,402
Conn	93	112	116	189	271	1,415	2,030	N.Y	105	141	145	189	247	1,875	2,398
Del	(NA)	91	117	163	225	1,350	1,895	N.C	53	70	77	115	172	872	1,286
D.C	*(NA)*	*124*	*135*	*208*	*321*	*1,640*	*2,658*	N. Dak	66	81	85	98	159	818	1,318
Fla	77	91	100	151	216	1,118	1,601	Ohio	89	114	126	139	212	1,140	1,707
Ga	63	80	85	139	199	889	1,263	Okla	63	80	90	129	204	862	1,333
Hawaii	82	104	114	152	236	1,049	1,728	Oreg	89	108	124	159	262	1,000	1,576
Idaho	73	88	97	121	190	765	1,162	Pa	88	107	121	143	216	1,214	1,806
Ill	89	123	129	160	239	1,281	1,902	R.I	102	120	128	188	257	1,506	2,048
Ind	75	88	94	127	196	1,004	1,514	S.C	53	65	71	114	167	831	1,179
Iowa	72	86	94	110	171	856	1,278	S. Dak	56	73	82	98	160	690	1,047
Kans	64	82	93	113	177	881	1,369	Tenn	63	74	84	114	173	854	1,242
Ky	*64*	*77*	*81*	*110*	*162*	*779*	*1,133*	Tex	63	78	83	129	197	876	1,299
La	58	73	80	137	201	889	1,294	Utah	71	95	103	148	243	830	1,259
Maine	79	103	112	137	202	1,018	1,563	Vt	82	102	106	131	176	1,023	1,460
Md	88	100	113	181	243	1,502	2,031	Va	68	84	92	122	188	979	1,500
Mass	102	125	136	205	290	1,745	2,504	Wash	90	104	113	172	255	961	1,436
Mich	97	130	140	166	250	1,362	1,977	W. Va	66	86	97	109	170	832	1,243
Minn	71	86	93	122	178	1,073	1,595	Wis	72	86	94	128	201	1,047	1,614
Miss	44	57	60	102	151	705	1,037	Wyo	65	80	90	117	201	643	1,041

NA Not available. [1] *As of July.* [2] *As of January.* [3] Source: American Hospital Association, Chicago, Ill., *Hospital Statistics,* annual. (Copyright.) [4] Includes Puerto Rico.

Source: Except as noted, Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data,* annual. Data from Health Insurance Association of America, New York, N.Y.

No. 178. Hospitals—Type of Service and Control: 1960 to 1978

[Covers hospitals accepted for registration by American Hospital Association; see text, pp. 101 and 102. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318 and B 331-344]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Hospitals	**6,876**	**7,123**	**7,123**	**7,061**	**7,123**	**7,174**	**7,156**	**7,082**	**7,099**	**7,015**
With 100 beds or more	2,903	3,153	3,488	3,509	3,566	3,665	3,691	3,723	3,757	3,750
Beds (1,000)	**1,658**	**1,704**	**1,616**	**1,550**	**1,535**	**1,513**	**1,466**	**1,434**	**1,407**	**1,381**
Rate per 1,000 population [1]	9.3	8.9	8.0	7.4	7.3	7.2	6.9	6.7	6.5	6.3
Beds per hospital	241	239	227	220	215	211	205	202	198	196
Occupancy rate [2]	84.6	82.3	80.3	78.0	77.5	77.2	76.7	76.0	75.8	75.5
CONTROL AND TYPE OF SERVICE										
Non-Federal hospitals	6,441	6,680	6,715	6,660	6,726	6,787	6,774	6,702	6,722	6,645
Beds (1,000)	1,481	1,530	1,455	1,407	1,392	1,377	1,334	1,305	1,284	1,259
Short-term general and special	5,407	5,736	5,859	5,843	5,891	5,977	5,979	5,956	5,973	5,935
Beds (1,000)	639	741	848	884	903	931	947	961	974	980
Rate per 1,000 population [1]	3.6	3.9	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5
Occupancy rate [2]	74.7	76.0	78.0	75.2	75.4	75.3	74.8	74.4	73.6	73.5
Long-term general and special	308	283	236	216	229	221	215	197	189	169
Beds (1,000)	67	66	60	54	57	54	51	49	45	41
Occupancy rate [2]	86.9	85.3	82.0	83.0	82.1	82.5	82.1	82.7	84.3	84.0
Psychiatric	488	483	519	529	543	543	544	528	541	526
Beds (1,000)	722	685	527	457	422	383	330	291	261	235
Occupancy rate [2]	93.1	88.6	84.8	82.8	81.1	80.0	80.3	79.1	80.7	80.9
Tuberculosis	238	178	101	72	63	46	36	21	19	15
Beds (1,000)	52	37	20	13	10	8	6	4	3	3
Occupancy rate [2]	75.4	70.0	61.8	61.2	61.9	63.2	57.7	57.8	60.4	59.9
Federal hospitals, all types	435	443	408	401	397	387	382	380	377	370
Beds (1,000)	177	174	161	143	142	136	132	129	124	122
Occupancy rate [2]	87.2	86.1	79.6	80.0	79.0	80.7	80.7	79.3	79.6	78.4
NON-FEDERAL OWNERSHIP OR CONTROL										
State hospitals	556	546	577	570	568	558	551	519	512	483
Beds (1,000)	752	708	558	482	449	409	358	317	286	259
Occupancy rate [2]	91.8	87.5	83.3	81.6	80.0	79.2	79.2	78.2	79.7	79.4
Local government hospitals	1,324	1,495	1,680	1,730	1,757	1,753	1,755	1,747	1,760	1,749
Beds (1,000)	201	216	219	219	218	215	211	208	205	203
Occupancy rate [2]	77.1	76.3	75.6	73.0	72.8	72.0	71.5	70.9	70.0	70.0
Nongovernmental nonprofit hospitals	3,579	3,670	3,600	3,515	3,518	3,576	3,562	3,551	3,551	3,532
Beds (1,000)	482	552	619	641	652	673	681	692	701	704
Occupancy rate [2]	77.3	78.2	80.2	77.6	78.0	78.0	77.6	77.3	76.5	76.5
For-profit hospitals	982	969	858	845	883	900	906	885	899	881
Beds (1,000)	46	54	59	65	73	80	84	87	91	92
Occupancy rate [2]	67.6	69.1	72.4	68.9	68.6	68.2	66.6	65.5	65.5	64.8

[1] Based on Bureau of the Census estimated resident population as of July 1.
[2] Ratio of average daily census to every 100 beds.

No. 179. Hospital Expense per Patient Day: 1960 to 1978

[**In dollars, except percent.** For definitions, see headnote, table 178. See also *Historical Statistics, Colonial Times to 1970*, series B 389-400]

EXPENSE BY HOSPITAL TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total expense	**16**	**25**	**54**	**74**	**84**	**97**	**119**	**141**	**163**	**187**
Annual percent change [1]	7.9	9.0	16.4	17.0	13.2	16.2	22.1	18.4	16.4	15.6
Non-Federal:										
Short-term, general and special	32	44	81	105	115	128	151	174	198	222
Long-term, general and special	13	20	36	44	47	53	63	71	77	83
Psychiatric	5	8	17	23	27	33	41	50	58	66
Tuberculosis	13	17	34	42	48	54	76	84	96	112
Federal	20	29	53	75	86	99	117	142	172	193
Payroll expense	**11**	**17**	**33**	**44**	**49**	**56**	**66**	**76**	**87**	**98**
Percent of total	66.3	66.0	61.5	59.8	58.8	57.5	55.7	54.3	53.4	52.4
Non-Federal:										
Short-term, general and special	20	27	47	60	64	70	80	90	100	110
Long-term, general and special	9	14	24	30	32	35	40	44	48	52
Psychiatric	3	6	12	17	20	24	29	34	39	46
Tuberculosis	9	12	24	29	33	37	48	54	60	70
Federal	16	23	37	51	58	66	75	91	110	122

[1] For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown; for 1960, change from 1955.

Source of tables 178 and 179: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue, annual; beginning 1972, *Hospital Statistics*, annual. (Copyright.)

No. 180. Hospitals—Assets, 1960 to 1977; Expenses and Personnel, 1960 to 1978; by Type of Control and Service

[See headnote, table 178. See also *Historical Statistics, Colonial Times to 1970*, series B 413-422]

Item and year	All hospitals	Federal hospitals	Non-federal hospitals							
			Total	Psychiatric	Tuberculosis	Long-term [1]	Short-term [1]			
							Total	Nonprofit [2]	For profit	Govt. [3]
Assets (mil. dol.):										
1960	17,714	2,124	15,590	3,437	508	787	10,858	8,422	243	2,193
1965	24,502	2,552	21,950	4,167	421	998	16,364	12,476	414	3,474
1970	36,159	3,183	32,976	4,816	311	1,176	26,674	20,502	871	5,301
1972	43,157	3,255	39,902	4,927	253	1,093	33,629	25,686	1,365	6,577
1973	47,369	3,401	43,967	4,846	225	1,259	37,637	28,643	1,725	7,269
1974	51,706	3,528	48,178	4,776	166	1,396	41,840	31,482	2,288	8,070
1975	57,302	3,707	53,595	4,804	132	1,403	47,256	35,827	2,538	8,890
1976	64,029	4,135	59,894	4,761	91	1,351	53,691	40,857	3,031	9,802
1977	72,219	4,796	67,423	4,796	88	1,406	61,133	46,686	3,494	10,953
Expenses [4] (mil. dol.):										
1960	8,421	1,134	7,287	1,205	192	273	5,617	4,139	275	1,203
1965	12,948	1,568	11,380	1,662	165	406	9,147	6,643	510	1,994
1970	25,556	2,483	23,073	2,712	152	649	19,560	14,163	1,068	4,328
1973	36,290	3,524	32,766	3,351	114	805	28,496	20,418	1,689	6,389
1974	41,406	3,971	37,434	3,708	102	873	32,751	23,494	2,046	7,211
1975	48,706	4,540	44,166	3,997	93	966	39,110	27,965	2,561	8,584
1976	56,005	5,313	50,692	4,175	64	1,051	45,402	32,796	3,085	9,520
1977	63,630	6,163	57,467	4,494	70	1,071	51,832	37,523	3,669	10,640
1978	70,927	6,732	64,196	4,723	68	1,056	58,348	42,262	4,180	11,906
Personnel [5] (1,000):										
1960	1,598	186	1,412	238	39	55	1,080	792	48	241
1965	1,952	199	1,754	274	29	65	1,386	1,011	70	306
1970	2,537	216	2,321	305	18	69	1,929	1,387	97	444
1973	2,769	238	2,530	303	11	67	2,149	1,535	117	497
1974	2,919	244	2,675	308	9	69	2,289	1,634	133	522
1975	3,023	256	2,766	292	7	68	2,399	1,714	139	546
1976	3,108	269	2,839	285	5	66	2,483	1,793	147	543
1977	3,213	278	2,935	287	5	63	2,581	1,863	159	559
1978	3,280	277	3,002	278	4	58	2,662	1,927	165	571
Personnel per 100 patients: [5]										
1960	114	120	113	35	99	95	226	232	196	215
1965	139	133	140	45	111	115	246	252	218	234
1970	196	169	198	68	146	140	292	292	256	298
1973	233	212	235	88	168	145	315	314	272	333
1974	250	223	253	100	184	154	326	323	283	351
1975	269	240	272	110	216	162	339	336	288	365
1976	285	263	287	124	225	163	347	346	297	367
1977	301	282	303	136	227	167	360	359	307	382
1978	315	290	317	147	246	168	370	370	319	387

[1] Comprises both general and special hospitals. [2] Nongovernment. [3] State and local.
[4] Excludes new construction. [5] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

No. 181. Hospital Use Rates, by Type of Hospital: 1960 to 1978

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

Type of hospital	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Non-Federal short-term: [1]										
Admissions per 1,000 population [2]	128	137	140	149	153	157	156	160	160	160
Admissions per bed	36	36	34	35	35	35	35	35	35	35
Average length of stay [3] (days)	7.4	7.7	8.2	8.0	7.8	7.8	7.7	7.7	7.6	7.6
Outpatient visits per admission	(NA)	(NA)	4.5	5.4	5.6	5.9	5.9	6.1	5.9	6.0
Outpatient visits per 1,000 pop. [2]	(NA)	(NA)	641	809	860	929	929	975	951	953
Surgical operations (million)	(NA)	(NA)	(NA)	14.8	15.4	16.2	16.7	16.9	17.2	17.2
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
Psychiatric:										
Admissions per 1,000 population [2]	2.3	2.9	3.3	3.2	3.1	3.2	3.2	3.1	3.0	2.7
Days in hospital per 1,000 population [2]	1,491	1,261	862	714	641	574	495	429	390	320
Tuberculosis: [4]										
Admissions per 10,000 population [2]	3.8	2.7	1.8	1.4	1.2	1.0	.7	.5	.6	.5
Days in hospital per 10,000 population [2]	796	491	225	138	112	88	56	34	34	28

NA Not available.
[1] General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Number of inpatient days divided by number of admissions. [4] Excludes short-term.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright), and unpublished data.

NO. 182. HOSPITAL FACILITIES—TOTAL, 1960 TO 1978, AND STATES AND PUERTO RICO, 1978

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970,* series B 305-308 and B 359-362]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS [2] (1,000)		OCCUPANCY RATE [3]		Personnel [4] (1,000)	Total outpatient visits (mil.)
	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]		
1960	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1968	7,137	5,820	1,663.2	805.9	29.8	27.3	1,378.4	630.4	82.9	78.2	2,309	156.1
1969	7,144	5,853	1,649.7	825.8	30.7	28.3	1,346.3	650.8	81.6	78.8	2,426	163.2
1970	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974	7,174	5,977	1,512.7	931.2	35.5	32.9	1,167.4	701.3	77.2	75.3	2,919	250.5
1975	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.8
1978, U.S	**7,015**	**5,935**	**1,380.6**	**979.7**	**37.2**	**34.6**	**1,041.9**	**719.9**	**75.5**	**73.5**	**3,280**	**263.6**
Ala	148	133	25.2	18.7	.8	.7	19.1	13.6	75.7	72.9	56	3.3
Alaska	26	16	1.7	.9	.1	(z)	1.0	.6	61.7	60.6	5	.8
Ariz	78	58	11.3	8.7	.4	.3	8.3	6.3	73.1	72.3	32	3.8
Ark	96	91	12.7	10.3	.4	.4	9.0	7.1	71.3	69.6	28	1.7
Calif	613	526	114.8	83.2	3.3	3.0	79.4	54.9	69.1	65.9	303	30.2
Colo	101	86	14.7	11.2	.5	.4	10.4	7.6	70.7	68.0	40	4.2
Conn	64	40	18.8	11.0	.5	.4	14.6	8.5	77.6	77.6	47	3.9
Del	15	8	4.1	2.1	.1	.1	3.4	1.7	83.8	81.0	10	.8
D.C	19	13	9.0	4.8	.2	.2	7.6	3.7	84.6	78.3	29	2.3
Fla	245	211	54.2	42.6	1.6	1.5	39.9	30.1	73.6	70.7	127	8.3
Ga	189	163	31.1	22.5	1.0	.9	21.9	15.1	70.4	67.2	75	6.0
Hawaii	27	20	3.8	2.6	.1	.1	2.9	1.9	76.7	74.1	11	1.8
Idaho	51	47	3.7	3.3	.1	.1	2.5	2.1	65.6	64.9	9	.9
Ill	285	245	75.5	56.0	2.0	1.9	58.0	41.9	76.8	74.9	190	13.5
Ind	135	116	33.8	24.0	.9	.9	25.8	18.1	76.2	75.2	75	5.9
Iowa	141	131	21.6	16.8	.6	.6	15.1	11.3	70.0	67.2	44	2.5
Kans	164	147	18.1	13.3	.5	.4	13.0	9.1	71.5	68.6	39	3.2
Ky	121	108	18.8	14.8	.6	.6	14.3	11.3	75.8	76.5	43	3.5
La	159	140	25.1	18.2	.8	.7	17.2	12.5	68.6	68.8	56	5.2
Maine	53	49	7.3	5.1	.2	.2	5.3	3.7	73.0	71.6	18	1.6
Md	85	53	25.2	14.0	.6	.5	20.3	11.5	80.4	81.9	62	5.6
Mass	189	124	45.5	26.2	.9	.9	36.1	20.5	79.4	78.5	121	9.5
Mich	244	210	50.7	40.2	1.5	1.4	39.5	30.7	77.9	76.3	136	10.6
Minn	188	173	31.1	24.1	.7	.7	22.3	16.9	71.7	70.0	61	3.1
Miss	114	104	16.2	11.6	.5	.4	12.1	8.4	74.6	72.2	33	2.1
Mo	167	149	35.4	27.4	1.0	.9	26.3	20.3	74.2	74.1	84	6.2
Mont	65	57	5.7	4.4	.1	.1	3.6	2.8	63.9	64.2	10	.9
Nebr	108	97	11.7	9.5	.3	.3	7.9	6.3	67.6	66.8	24	1.5
Nev	25	19	3.2	2.7	.1	.1	2.1	1.8	64.8	66.6	8	.7
N.H	33	29	5.0	3.5	.1	.1	3.6	2.5	71.8	71.4	12	1.3
N.J	139	108	44.2	30.4	1.1	1.0	35.4	24.8	80.1	81.5	98	7.3
N. Mex	54	37	6.5	3.8	.2	.2	4.4	2.5	68.0	65.9	16	1.9
N.Y	368	290	134.4	82.0	2.7	2.6	114.4	68.9	85.1	84.0	324	26.6
N.C	158	129	33.8	22.6	.9	.8	25.8	17.2	76.4	76.1	75	6.1
N. Dak	60	54	5.8	4.6	.1	.1	4.0	3.0	68.9	66.0	11	.6
Ohio	241	209	64.2	50.3	1.8	1.8	50.7	39.3	79.0	78.1	161	11.1
Okla	141	121	17.5	12.6	.5	.5	11.9	8.3	68.3	65.8	39	3.0
Oreg	85	78	11.6	8.7	.4	.3	7.6	5.8	65.8	66.8	28	2.1
Pa	313	249	86.5	55.9	2.0	1.9	68.9	43.7	79.6	78.1	196	18.3
R.I	21	14	6.7	3.4	.1	.1	5.5	2.8	82.4	82.3	17	1.2
S.C	88	74	16.9	11.0	.5	.4	12.9	8.2	76.2	74.5	36	3.4
S. Dak	70	57	5.7	3.7	.1	.1	3.8	2.2	66.1	60.7	11	.9
Tenn	160	142	31.0	23.2	.9	.9	24.1	17.3	77.7	74.7	68	3.6
Tex	565	506	79.1	60.0	2.5	2.3	55.8	40.6	70.6	67.7	184	12.9
Utah	41	35	5.1	3.9	.2	.2	3.6	2.7	70.4	68.8	14	1.6
Vt	19	16	3.0	2.3	.1	.1	2.3	1.6	75.8	72.9	7	.7
Va	135	103	32.1	20.5	.8	.7	24.4	15.5	75.8	75.6	68	5.6
Wash	127	110	16.1	12.1	.6	.5	11.2	8.1	69.3	66.5	42	4.5
W. Va	80	68	14.2	10.1	.4	.4	10.9	7.4	76.8	73.4	30	2.2
Wis	171	145	28.6	23.5	.8	.7	20.3	16.3	71.0	69.0	66	4.5
Wyo	31	27	2.5	1.6	.1	.1	1.6	.9	62.9	54.4	5	.5
P.R	60	54	11.4	8.9	.4	.4	8.9	6.8	77.9	76.6	24	2.8

NA Not available. Z Fewer than 50,000. [1] Non-Federal hospitals. [2] Inpatients receiving treatment each day; excludes newborn. [3] Ratio of average daily census to every 100 beds. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics,* annual. (Copyright.)

No. 183. Hospital Utilization Rates, by Sex and Age of Patient: 1965 to 1978

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

Year and patient's age class (in years)	Patients discharged (1,000)	Patients discharged per 1,000 persons [1]			Days of care per 1,000 persons [1]			Average stay (days)			Beds used per day [2]
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970	29,185	146	119	171	1,173	1,033	1,297	8.0	8.7	7.6	321
1971	29,459	146	120	170	1,143	1,004	1,269	7.8	8.4	7.5	313
1972	31,627	155	128	180	1,200	1,056	1,330	7.7	8.3	7.4	328
1973	32,125	156	129	181	1,212	1,066	1,345	7.8	8.3	7.4	332
1974	33,018	159	131	185	1,233	1,089	1,365	7.7	8.3	7.4	338
1975	34,043	163	134	190	1,255	1,104	1,395	7.7	8.2	7.4	344
1976	34,372	163	135	189	1,236	1,093	1,369	7.6	8.1	7.2	339
1977	35,902	169	140	196	1,237	1,095	1,369	7.3	7.8	7.0	339
1978, total	**35,616**	**167**	**139**	**192**	**1,225**	**1,085**	**1,355**	**7.4**	**7.8**	**7.1**	**336**
Under 1	691	216	241	190	1,283	1,377	1,185	5.9	5.7	6.2	352
1-4	1,044	86	97	75	342	383	299	4.0	4.0	4.0	94
5-14	1,753	50	53	46	204	225	182	4.1	4.3	3.9	56
15-24	5,608	140	81	197	661	486	830	4.7	6.0	4.2	181
25-34	5,756	174	97	248	898	614	1,165	5.1	6.4	4.7	246
35-44	3,673	154	123	182	997	832	1,151	6.5	6.8	6.3	273
45-64	8,383	193	192	194	1,639	1,619	1,656	8.5	8.4	8.5	449
65 and over	8,708	382	412	361	4,184	4,330	4,081	11.0	10.5	11.3	1,146

[1] Total civilian noninstitutional population.
[2] Average daily number of beds occupied per 100,000 civilian noninstitutional population.
Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

No. 184. Surgical Operations in Short-Stay Hospitals: 1965 to 1978

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 183]

Sex and type of operation	Number of operations (mil.)						Rate per 1,000 population [1]					
	1965	1971	1973	1975	1977	1978	1965	1971	1973	1975	1977	1978
Total	**14.68**	**15.77**	**18.43**	**20.04**	**21.16**	**20.75**	**77.4**	**78.1**	**89.5**	**95.8**	**99.7**	**97.0**
Male [2]	**5.77**	**6.16**	**6.94**	**7.37**	**7.96**	**7.83**	**62.7**	**63.3**	**69.9**	**73.2**	**77.8**	**75.9**
Abdominal	(NA)	1.25	1.36	1.40	1.41	1.35	(NA)	12.8	13.7	13.9	13.7	13.1
Repair of inguinal hernia	(NA)	.44	.46	.48	.47	.45	(NA)	4.5	4.7	4.8	4.6	4.3
Orthopedic	.97	1.07	1.22	1.34	1.49	1.47	10.5	11.0	12.3	13.3	14.5	14.2
Otorhinolaryngology	.94	.90	.90	.84	.89	.82	10.2	9.2	9.1	8.3	8.7	8.0
Urological	(NA)	.91	1.03	1.11	1.19	1.14	(NA)	9.3	10.4	11.0	11.6	11.0
Plastic surgery	(NA)	.49	.54	.54	.57	.55	(NA)	5.0	5.2	5.4	5.5	5.4
Biopsy	(NA)	.24	.30	.35	.41	.45	(NA)	2.5	3.0	3.5	4.0	4.3
Vascular and cardiac	(NA)	.30	.41	.52	.67	.71	(NA)	3.1	4.1	5.2	6.5	6.9
Ophthalmology	.20	.25	.30	.33	.37	.37	2.2	2.6	3.0	3.3	3.6	3.6
Proctological	(NA)	.29	.30	.32	.31	.30	(NA)	3.0	3.1	3.1	3.0	2.9
Female [2]	**8.89**	**9.59**	**11.48**	**12.66**	**13.20**	**12.92**	**90.9**	**91.5**	**107.8**	**117.0**	**120.2**	**116.8**
Gynecological [2]	2.72	2.79	3.57	3.89	4.00	3.82	27.8	26.6	33.5	36.0	36.4	34.6
Dilation and curettage of uterus [3]	(NA)	.77	.93	.98	1.00	.97	(NA)	7.3	8.8	9.0	9.1	8.7
Hysterectomy	(NA)	.57	.69	.73	.71	.64	(NA)	5.4	6.5	6.7	6.4	5.8
Abdominal	(NA)	1.20	1.39	1.49	1.53	1.48	(NA)	11.4	13.0	13.8	14.0	13.4
Orthopedic	.80	.88	1.13	1.26	1.37	1.36	8.2	8.4	10.6	11.6	12.5	12.3
Otorhinolaryngology	.94	.89	.93	.90	.89	.85	9.2	8.5	8.7	8.3	8.1	7.6
Urological	(NA)	.33	.42	.46	.47	.43	(NA)	3.2	4.0	4.3	4.3	3.9
Obstetrical procedures [4]	.81	.97	1.08	1.25	1.41	1.47	8.3	9.3	10.1	11.6	12.9	13.3
Plastic surgery	(NA)	.45	.50	.50	.53	.53	(NA)	4.3	4.7	4.6	4.8	4.7
Biopsy	(NA)	.52	.62	.75	.77	.73	(NA)	4.9	5.8	7.0	7.0	6.6
Ophthalmology	.22	.31	.36	.42	.47	.51	2.2	2.9	3.4	3.9	4.3	4.6

NA Not available. [1] Based on Bureau of the Census estimated civilian noninstitutional population as of July 1.
[2] Includes types of operations not shown separately. [3] Diagnostic.
[4] Excludes some obstetrical procedures for inducing or assisting delivery.
Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

NO. 185. LONG-TERM CARE INSTITUTIONS—SUMMARY: 1976

[Covers facilities which offer residential care to persons for an average stay of 30 days or more. Based on Survey of Institutionalized Persons (S.I.P.) which contained samples of institutions, of selected residents in sample institutions, and of next of kin of sample residents. Data differ from tables 176 and 186-188, which list each facility with a separate license as a separate institution. In the S.I.P., a facility was counted as a separate institution for each type of care provided. Thus, a facility providing several types of care was counted as several separate institutions. Resident is any person who was on the patient roster and who was living at the institution or for whom a bed was being held. For definition of median, see Guide to Tabular Presentation]

INSTITUTIONS AND RESIDENTS	Total	Percent of total	Nursing homes	Physically handicapped	Psychiatric [1]	Mentally handicapped [2]	Children's [3]	Other [4]
Total institutions	**23,608**	**100.0**	**18,261**	**387**	**1,567**	**1,705**	**1,324**	**363**
Facilities with—								
1-99 beds	18,778	79.5	14,254	227	1,439	1,433	1,200	224
100-349 beds	4,518	19.1	3,914	133	105	128	117	121
350 or more beds	312	1.3	93	27	23	144	7	18
By ownership:								
Government	1,889	8.0	872	165	243	274	206	129
Proprietary	12,429	52.6	11,213	86	130	788	117	96
Private nonprofit	9,290	39.4	6,177	136	1,194	643	1,001	138
Median charges per month [5] (dol.)	477	(X)	501	377	292	316	385	699
Median cost per month [5] (dol.)	481	(X)	482	431	640	378	528	934
Total residents [6] (1,000)	**1,550**	**100.0**	**1,183**	**38**	**65**	**189**	**44**	**31**
Male (1,000)	597	38.5	378	22	46	110	26	14
Female (1,000)	948	61.1	803	15	18	78	17	17
White (1,000)	1,410	91.0	1,101	31	49	169	31	29
Black and other (1,000)	135	8.7	80	6	15	20	13	2
Under 18 years old (1,000)	152	9.9	9	19	28	56	40	(Z)
18-64 years old (1,000)	334	21.5	154	16	32	125	3	5
65 years old and over (1,000)	1,028	66.3	989	2	5	6	(Z)	26
Length of current stay:								
Less than 1 year (1,000)	525	33.8	432	7	41	15	21	9
1 to 2 years (1,000)	273	17.6	233	4	9	11	9	7
3 to 4 years (1,000)	280	18.1	234	5	6	23	5	8
5 to 9 years (1,000)	272	17.6	200	8	4	50	6	5
10 to 19 years (1,000)	97	6.3	36	10	2	46	1	2
20 or more years (1,000)	45	2.9	2	2	2	40	(Z)	(Z)

X Not applicable. Z Fewer than 500. [1] Facilities for the emotionally disturbed and residential treatment or rehabilitation centers for alcoholics and drug abusers. [2] Facilities for mentally retarded and other neurologically handicapped persons. [3] Orphanages and homes for dependent children, homes for unwed mothers, and sheltered or custodial care homes. [4] Institutions offering care for chronic diseases and extended-care units of short-term hospitals. [5] Per resident calculated on basis of institutions which charge for their services. [6] Includes not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 69.

NO. 186. NURSING AND RELATED CARE FACILITIES: 1963 TO 1979

[Count of nursing and related care homes based on Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	1963	1967	1969	1970	1971	1973	1975	1976	1978	1979
Nursing and related care: [1]										
Facilities (number)	16,701	19,141	18,910	(NA)	22,004	21,834	(NA)	[2] 20,468	[3] 18,722	(NA)
Beds (1,000)	569	837	944	(NA)	1,202	1,328	(NA)	[2] 1,415	[3] 1,349	(NA)
Resident patients (1,000)	491	756	850	(NA)	1,076	1,198	(NA)	[2] 1,293	[3] 1,240	(NA)
Personnel employed [4] (1,000)	242	383	444	(NA)	568	636	(NA)	[2] 653	[3] 664	(NA)
Per 1,000 patients	491	507	522	(NA)	528	531	(NA)	[2] 505	[3] 535	(NA)
Skilled nursing facilities [5] (no.)	(X)	[6] 4,160	4,840	4,646	4,277	3,970	3,932	3,928	4,749	4,963
Beds (1,000)	(X)	[6] 291	341	333	307	287	287	309	408	420
Per 1,000 Medicare enrollees [7]	(X)	15.2	17.3	16.8	15.3	13.7	13.3	13.6	17.2	17.3

NA Not available. X Not applicable. [1] Places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. [2] Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. [3] Includes 1976 data for California, District of Columbia, New York, and North Carolina. See footnote 3, table 188. [4] Full-time employees only. [5] Source: 1967-1976, U.S. Social Security Administration, *Health Insurance Statistics*. Beginning 1978, U.S. Health Care Financing Administration, *Participating Health Facilities Under Medicare*, semiannual. As of June 30, except rate per enrollees. Covers facilities certified for participation under Medicare, which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons. [6] As of July. [7] Based on enrollees in Medicare hospital insurance program as of Jan. 1 of year stated, except 1973 based on July 1, 1972.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

No. 187. Nursing Homes—Selected Characteristics of Homes and Residents, and Primary Sources of Payment: 1964 to 1977

[In thousands except as indicated. Data based on periodic surveys; for details, see source]

Nursing and personal care homes	1964	1969	1973–1974 [1]	1977 [2]
Estimated number	17.3	18.4	15.7	18.9
By type of ownership:				
Proprietary	14.2	14.2	11.9	14.5
Nonprofit	2.2	2.8	2.7	3.4
Government	1.0	1.4	1.2	1.0
Less than 50 beds	14.2	11.7	6.4	8.0
50–99 beds	2.1	4.6	5.5	5.8
100 beds or more	1.0	2.1	3.8	5.1
Beds, total	600	881	1,175	1,402
Average per home	35	48	75	71
Per 1,000 persons 65 years old and older	33.6	45.2	55.2	59.7
Employment [3]	258	[4]484	713	[5]648
Per 100 residents	46.6	59.4	66.3	49.7
Residents, total	554	815	1,076	1,303
Percent, by primary source of payment:				
Medicare	(X)	3.4	1.1	2.0
Medicaid	(X)	13.3	47.9	47.8
Public assistance	47.0	36.5	11.4	6.4
Other	54.0	46.9	39.7	43.8

Residents in nursing and personal care homes	1964	1969	1973–1974 [1]	1977 [2]
Total	554	815	1,076	1,303
White	(NA)	779	1,010	1,201
Black and other	(NA)	37	65	102
Under 65 years old	66	93	114	177
65 yr. old and over	*488*	*722*	*962*	*1,126*
Percent of total	88.0	88.6	89.4	86.4
Male	194	252	318	375
Under 65 years	36	45	52	81
65 yr. and over	158	207	266	294
Percent of male	81.3	82.2	83.5	78.3
65–74	40	51	65	80
75–84	74	91	102	122
85 and over	43	64	98	92
Female	360	563	758	928
Under 65 years	30	48	62	96
65 yr. and over	330	515	696	832
Percent of female	91.6	91.5	91.8	90.0
65–74	64	86	98	131
75–84	157	232	283	343
85 and over	109	198	315	358

NA Not available. X Not applicable. [1] Excludes personal care homes without nursing. [2] Includes domiciliary care homes. [3] Full-time equivalent. [4] Data from 1968 Nursing Home Survey. [5] Excludes clerical and office staff; and food service, housekeeping, and maintenance workers.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 12 and 13, and unpublished data.

No. 188. Nursing and Related Care Facilities, by States: 1971 and 1978

[Data are for places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Based on Master Facility Inventory; see Appendix III. See also headnote, table 186]

State	Facilities		Beds (1,000)		Resident patients (1,000)	
	1971	1978	1971	1978	1971	1978
U.S.	**22,004**	[1] 18,722	1,202	[1] 1,349	1,076	[1] 1,240
Ala.	192	204	13.4	19.2	12.3	18.0
Alaska	8	12	.7	1.1	.5	.8
Ariz. [2]	82	84	5.2	6.8	4.6	6.3
Ark.	218	179	15.1	16.6	13.8	15.6
Calif.	4,277	[3] 3,500	146.0	[3] 138.2	121.5	[3] 124.5
Colo. [2]	212	190	16.4	19.2	14.9	17.8
Conn.	380	286	21.9	20.2	20.6	18.8
Del.	34	27	1.9	2.5	1.7	2.4
D.C.	73	[3] 70	2.8	[3] 2.9	2.5	[3] 2.5
Fla.	373	346	35.9	34.4	29.6	32.4
Ga.	283	278	22.8	29.8	20.8	27.8
Hawaii	132	148	2.3	3.3	2.2	2.6
Idaho [2]	64	48	3.9	4.4	3.4	4.1
Ill.	1,046	557	66.9	61.5	61.1	55.5
Ind.	522	476	32.5	41.0	29.0	36.9
Iowa.	747	488	33.6	33.9	30.4	31.5
Kans.	480	283	21.9	19.8	20.0	18.2
Ky.	344	237	18.6	17.6	16.5	16.1
La.	212	133	14.6	13.9	13.3	13.1
Maine	288	353	7.4	10.7	6.8	9.9
Md.	195	183	14.7	19.3	13.8	18.3
Mass. [2]	960	829	49.7	51.2	46.1	48.4
Mich. [2]	562	563	43.3	60.2	40.2	56.2
Minn. [2]	593	495	41.1	44.4	38.0	42.6
Miss.	134	96	7.1	10.2	6.2	9.6
Mo. [2]	494	824	32.0	40.6	28.5	36.9
Mont.	103	67	4.5	4.3	4.1	4.0
Nebr. [2]	253	214	15.1	16.6	13.7	15.2
Nev.	43	29	1.4	1.7	1.2	1.6
N.H.	140	96	5.5	6.6	5.0	6.2
N.J.	548	487	30.8	37.5	27.7	35.2
N. Mex.	60	43	3.3	2.6	2.6	2.4
N.Y.	1,096	[3] 1,027	81.1	[3] 104.5	76.3	[3] 97.3
N.C. [3]	843	[3] 722	19.2	[3] 24.6	17.5	[3] 22.7
N. Dak.	109	79	6.2	5.1	5.9	4.9
Ohio	1,191	669	59.5	52.0	53.2	48.2
Okla.	411	222	26.9	17.2	23.8	15.6
Oreg.	311	184	17.2	11.7	16.0	10.8
Pa. [2]	753	609	57.7	79.9	52.5	74.1
R.I. [2]	185	112	6.5	8.0	6.1	7.3
S.C.	118	161	7.5	9.4	6.6	8.7
S. Dak.	153	138	7.0	8.6	6.6	8.1
Tenn. [2]	234	245	14.3	18.5	12.2	17.6
Tex. [2]	937	966	70.8	92.6	60.8	77.1
Utah	142	72	4.8	4.4	4.4	4.1
Vt. [2]	101	214	3.0	5.0	2.8	4.6
Va. [2]	335	330	15.7	21.0	14.1	20.0
Wash.	385	504	28.6	34.9	25.2	32.6
W. Va.	124	125	3.9	6.1	3.5	5.8
Wis. [2]	490	490	37.6	51.1	34.0	47.7
Wyo.	34	28	1.7	2.0	1.6	1.9

[1] Includes 1976 data for Calif., D.C., N. Y., and N.C. [2] See footnote 2, table 186. [3] 1976 data.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

NO. 189. PATIENT CARE EPISODES IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1955 TO 1977

["Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. Excludes private psychiatric office practice, psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration (VA), inpatient service modes of multiservice facilities not shown in this table, all partial care episodes, and outpatient episodes of VA hospitals]

ITEM AND YEAR	All facilities	INPATIENT SERVICES						OUTPATIENT PSYCHIATRIC SERVICES		
		Total	Mental care hospitals		General [2]	VA	Community mental health centers [3]	Total	Community mental health centers [3]	Other
			State and county	Private [1]						
Patient care episodes (1,000):										
1955	1,675	1,296	819	123	266	88	(NA)	379	(NA)	379
1965	2,637	1,566	805	125	519	116	(NA)	1,071	(NA)	1,071
1971	4,038	1,721	748	127	543	177	130	2,317	623	1,694
1975	6,409	1,791	599	165	566	214	247	4,618	1,585	3,033
1977	6,640	1,817	574	184	572	218	269	4,823	1,742	3,081
Percent distribution:										
1955	100.0	77.4	48.9	7.3	15.9	5.3	(NA)	22.6	(NA)	22.6
1965	100.0	59.4	30.5	4.8	19.7	4.4	(NA)	40.6	(NA)	40.6
1971	100.0	42.6	18.5	3.1	13.4	4.4	3.2	57.4	15.4	42.0
1975	100.0	27.9	9.3	2.6	8.8	3.3	3.9	72.1	24.7	47.4
1977	100.0	27.4	8.6	2.8	8.6	3.3	4.1	72.6	26.2	46.4
Rate per 100,000 population:										
1955	1,028	795	502	76	163	54	(NA)	233	(NA)	233
1965	1,376	817	420	65	271	60	(NA)	559	(NA)	559
1971	1,981	847	365	66	266	87	64	1,134	305	829
1975	3,033	847	283	78	268	101	117	2,185	750	1,435
1977	3,079	842	266	85	265	101	125	2,236	808	1,429

NA Not available. [1] Includes estimates of episodes of care in residential treatment centers for emotionally disturbed children. [2] Hospitals (non-VA) with psychiatric inpatient units. [3] Federally funded.

Source: U.S. National Institute of Mental Health, *Statistical Note 139*, DHEW Publication, No. (ADM) 77-158, 1977, and unpublished data.

NO. 190. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1979

[For years ending **June 30.** Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES [1]						Community facilities, [3] 1977
	1960	1965	1970	1975	1978 [2]	1979 [2]	
Number of institutions	108	143	190	210	398	391	4,427
Resident patients, beginning of year	158,682	181,549	189,956	166,689	161,582	155,114	(NA)
Admissions [4]	14,701	17,300	14,985	13,424	14,286	17,308	17,398
Deaths in institutions	3,202	3,583	3,496	2,752	2,385	2,251	612
Live releases [5]	6,451	7,993	14,702	18,320	19,665	21,406	9,297
Resident patients, end of year	163,730	187,273	186,743	159,041	152,476	147,729	62,397
Rate per 100,000 population [6]	91.9	97.7	92.6	75.2	70.4	67.6	29.1
Average daily resident patients	163,282	189,172	187,897	161,061	148,453	140,407	(NA)
Maintenance expenditures per average daily resident patient: [7]							
Per year (dollar)	1,650	2,335	4,635	11,315	18,360	20,849	(NA)
Per day (dollar)	5	6	13	31	50	57	[8] 16

NA Not available. [1] Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. [2] Includes data for 141 facilities in 1978 and 135 facilities in 1979 operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,626 in 1978 and 8,979 in 1979. [3] A community-based living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. [4] Includes readmissions and excludes transfers. [5] 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1977, total live releases. [6] Based on Bureau of the Census estimated civilian population as of July 1. [7] Reporting facilities only. Includes salaries and wages, purchased provisions, fuel, light, water, etc. [8] Represents average daily reimbursement rate.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1978 and 1979, Krantz, Bruininks, and Clumpner, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1978* (Second Edition) and *Year Ending June 30, 1979*. Community Facilities: Bruinicks, Hauber, and Kudla; *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977*, 1979.

NO. 191. PATIENTS IN MENTAL HEALTH FACILITIES: 1977 AND 1979

[Additions comprise admissions and readmissions]

STATE	MENTAL CARE HOSPITALS, 1977 [1]				Outpatient psychiatric services, additions, [1 2] 1977	General hospitals with psychiatric inpatient units, discharges, [1 3] 1977	STATE FACILITIES FOR MENTALLY RETARDED [4]			Community facilities, mentally retarded residents, [5 7] 1977
	State and county		Private				Resident patients, [5] 1979	Total admissions, [6] 1979	Total live releases, [6] 1979	
	Resident patients, end of year	Total additions	Resident patients, end of year	Total additions						
Facilities, number	297		189		1,873	843		256		4,427
U.S.	**159,405**	**414,507**	**12,078**	**134,658**	**1,505,515**	**551,190**	**138,592**	**13,573**	**16,980**	**62,397**
Alabama	2,196	3,378	156	3,212	8,974	8,625	1,827	116	94	207
Alaska	102	823	–	–	1,841	244	93	5	9	119
Arizona	642	1,494	86	1,714	19,954	5,786	698	–	88	343
Arkansas	351	2,305	–	–	4,586	2,677	1,704	179	239	215
California	6,981	23,582	1,374	20,980	190,772	53,875	9,311	520	693	6,870
Colorado	1,151	6,873	212	2,681	18,532	5,108	1,392	80	142	848
Connecticut	2,705	13,769	773	2,560	36,186	6,565	2,944	889	85	947
Delaware	688	1,859	51	621	4,452	367	518	68	94	89
District of Columbia	2,344	5,209	146	1,414	10,538	4,022	1,006	–	13	40
Florida	6,108	8,498	521	9,289	43,739	26,905	4,052	193	301	2,342
Georgia	5,432	32,446	430	6,787	28,864	12,192	1,443	353	431	306
Hawaii	135	891	–	–	4,327	1,041	442	89	64	177
Idaho	190	645	–	–	1,429	990	392	24	49	266
Illinois	6,049	24,788	407	5,541	97,550	34,050	6,081	376	373	6,076
Indiana	4,019	7,896	39	531	21,488	12,959	2,742	130	196	479
Iowa	1,180	5,517	–	–	21,112	11,682	1,944	153	205	1,150
Kansas	1,253	4,032	230	587	25,344	8,290	1,317	150	164	1,089
Kentucky	886	3,471	307	4,556	8,359	7,500	960	134	108	950
Louisiana	2,099	8,772	293	2,639	13,769	6,350	3,289	402	246	1,256
Maine	663	1,510	–	–	1,374	436	485	71	58	629
Maryland	4,012	10,945	619	2,327	34,482	5,000	3,151	1,398	1,535	374
Massachusetts	4,270	11,937	659	7,507	60,060	10,537	4,696	3	166	1,848
Michigan	4,680	18,127	560	6,869	69,593	18,527	5,363	401	617	4,126
Minnesota	2,353	7,388	–	–	31,759	18,883	1,829	199	240	3,140
Mississippi	2,407	5,488	41	759	5,369	2,771	1,836	277	258	354
Missouri	3,904	18,392	81	1,375	29,723	13,448	2,415	3,364	3,499	2,663
Montana	490	1,166	–	–	–	1,390	315	13	12	438
Nebraska	692	4,121	–	–	6,206	4,124	726	17	84	937
Nevada	206	826	–	–	4,209	1,939	141	53	54	30
New Hampshire	784	1,249	43	616	8,138	873	699	7	23	105
New Jersey	6,799	12,550	381	4,060	39,115	13,552	7,695	514	560	789
New Mexico	312	1,329	45	677	6,573	755	538	71	186	206
New York	30,122	38,276	897	6,829	244,379	59,921	15,626	1,028	2,082	3,314
North Carolina	4,062	15,776	229	1,908	21,295	12,091	3,314	198	266	643
North Dakota	615	2,360	–	–	1,284	1,969	1,079	34	48	185
Ohio	6,866	17,454	433	4,773	72,123	32,797	5,894	153	494	2,485
Oklahoma	2,087	8,122	34	622	21,334	6,673	1,933	127	121	584
Oregon	1,467	6,439	18	233	25,741	5,940	1,769	131	137	811
Pennsylvania	12,235	6,496	976	11,988	69,072	24,592	8,512	165	620	6,102
Rhode Island	1,354	4,302	133	1,354	13,878	1,067	716	34	49	181
South Carolina	3,527	5,027	–	–	7,014	5,333	3,154	(NA)	229	310
South Dakota	625	1,322	–	–	4,394	804	702	24	76	260
Tennessee	3,694	7,838	126	1,443	17,661	8,558	2,044	366	350	903
Texas	5,578	24,440	521	6,214	36,456	40,832	11,334	203	584	2,280
Utah	337	686	–	–	2,711	3,376	863	47	31	412
Vermont	356	630	111	483	1,316	397	726	4	57	220
Virginia	5,793	12,369	798	7,250	35,266	13,172	3,846	200	240	508
Washington	1,203	3,503	47	1,173	32,845	11,230	2,321	226	304	1,550
West Virginia	2,376	3,822	33	1,142	8,047	5,400	194	(NA)	11	56
Wisconsin	747	3,539	268	1,944	29,522	15,573	2,054	343	382	2,084
Wyoming	276	830	–	–	2,760	–	467	21	13	101

– Represents zero. NA Not available. [1] Includes estimates for nonreporting facilities. [2] Excludes federally funded community mental health centers. [3] Non-Federal. [4] Source: Krantz, Bruininks, and Clumpner, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1979.* Data from survey conducted for U.S. Office of Human Development Services. Excludes facilities operated as mental hospitals or other care facilities. [5] As of June 30. [6] For year ending June 30. [7] See footnote 3, table 190. Source: Bruininks, Hauber, and Kudla, *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977.* 1979.

Source: Except as noted, U.S. National Institute of Mental Health, unpublished data.

No. 192. Days of Disability, by Type, and by Sex of Patient: 1965 to 1978

[**1965**, for year ending **June 30**; thereafter, **calendar years.** Refers to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III. For composition of regions, see fig. I, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978
Restricted-activity days [1]	3,086	2,913	3,734	3,840	3,773	4,011	16.4	14.6	17.9	18.2	17.8	18.8
Male	1,339	1,273	1,574	1,666	1,618	1,679	14.7	13.2	15.6	16.4	15.8	16.3
Female	1,747	1,640	2,160	2,174	2,155	2,333	18.0	15.8	20.0	19.9	19.6	21.1
White	(NA)	2,526	3,179	3,280	3,230	3,421	(NA)	14.4	17.5	17.9	17.6	18.5
Black and other	(NA)	387	555	560	543	590	(NA)	15.6	20.4	20.2	19.2	20.5
Under 65 years old	2,420	2,331	2,916	2,969	2,961	3,093	14.1	12.9	15.5	15.7	15.6	16.2
65 years old and over	666	582	818	871	812	918	38.5	30.7	38.4	40.0	36.5	40.3
Northeast	(NA)	709	819	792	839	876	(NA)	14.5	16.7	16.3	17.3	18.0
North Central	(NA)	691	888	962	948	974	(NA)	12.4	15.9	17.1	16.8	17.0
South	(NA)	996	1,253	1,264	1,257	1,356	(NA)	15.9	18.7	18.7	18.2	19.6
West	(NA)	518	774	823	730	806	(NA)	15.6	20.8	21.5	19.1	20.9
Family income: [2]												
Under $5,000	(NA)	982	1,030	943	871	854	(NA)	23.3	32.4	32.5	33.2	35.7
$5,000–$9,999	(NA)	857	914	865	821	872	(NA)	12.8	20.2	20.3	21.2	24.2
$10,000–$14,999	(NA)	539	676	700	625	582	(NA)	11.5	14.4	15.7	15.3	15.8
$15,000 and over	(NA)	331	863	973	1,102	1,314	(NA)	10.9	12.4	12.8	12.7	13.7
Bed-disability days [3]	1,160	1,222	1,371	1,500	1,458	1,524	6.2	6.1	6.6	7.1	6.9	7.1
Male	484	503	546	619	589	617	5.3	5.2	5.4	6.1	5.8	6.0
Female	677	720	825	882	869	907	7.0	6.9	7.6	8.1	7.9	8.2
Under 65 years old	914	959	1,097	1,172	1,134	1,193	5.3	5.3	5.8	6.2	6.0	6.2
65 years old and over	246	263	274	328	324	331	14.2	13.8	12.9	15.1	14.5	14.5
Work-loss days [4]	400	417	433	465	450	486	5.7	5.4	5.2	5.3	5.0	5.2
Male	261	243	246	269	251	266	5.7	5.0	4.9	5.2	4.7	4.9
Female	139	175	187	196	199	220	5.6	5.9	5.7	5.6	5.3	5.7
School-loss days [5]	214	222	217	219	223	220	5.2	4.9	5.1	5.2	5.4	5.4
Male	103	108	103	105	109	104	4.9	4.7	4.8	4.9	5.2	5.1
Female	111	114	115	114	114	116	5.4	5.1	5.5	5.5	5.6	5.8

NA Not available. [1] A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. [2] Excludes those with unknown income.
[3] A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.
[4] A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.
[5] Child's loss of entire school day because of illness or injury. Computed for children 6–16 years of age.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 193. Civilians With Visual Impairment or Legally Blind, by Sex: 1972

[**In thousands.** Estimates less than 25,000 are subject to large relative sampling errors. Based on data from the Health Interview Survey (see Appendix III), the 1973–74 Nursing Home Survey, National Society for the Prevention of Blindness, National Disease and Therapeutic Index, and Model Reporting Area for Blindness Statistics]

TYPE OF AFFECTION	ALL VISUAL IMPAIRMENT [1]			SEVERE VISUAL IMPAIRMENT [2]			LEGAL BLINDNESS [3]		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	**10,659**	**5,315**	**5,344**	**1,483**	**557**	**926**	**468**	**224**	**244**
Glaucoma	1,070	453	617	207	79	128	56	26	30
Cataract	1,711	702	1,008	217	72	144	64	28	36
Retinal disorder	815	340	473	392	134	257	118	53	65
Myopia	715	375	340	36	15	21	14	7	7
Cornea or sclera	294	179	115	67	25	42	22	10	12
Uveitis	285	148	137	67	27	40	23	11	12
Optic nerve disease	121	62	59	107	55	52	41	24	17
Multiple affections	90	24	66	90	24	66	23	8	15
Refractive errors with lesser disability	1,662	880	782	–	–	–	–	–	–
Other and unknown	3,896	2,151	1,745	301	125	176	108	56	52

– Represents zero. [1] Impaired vision includes blindness in one or both eyes, cataract, glaucoma, color blindness, detached retina or other condition of the retina, or any other trouble seeing with one or both eyes even when wearing glasses. [2] Severe visual impairment is defined as an inability to read ordinary newsprint with glasses using both eyes, or having no useful vision in either eye, or blindness in both eyes.
[3] Legal blindness is defined as visual acuity for distant vision of 20/200 or less in the better eye, with best correction, or widest diameter of visual field subtending an angle less than 20 degrees.

Source: U.S. National Eye Institute, unpublished data.

NO. 194. PERSONS WEARING CORRECTIVE LENSES: 1971 AND 1977

[Data refer to civilian noninstitutional population 3 years old and over. Based on Health Interview Survey; see Appendix III. *Total wearing lenses* includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1977						
	Total	Male	Female	Total	Male	Female	3-16 yr.	17-24 yr.	25-44 yr.	45 yr. and over
Population, 3 years old and over (mil.)	191.6	92.1	99.5	202.9	97.7	105.3	50.7	31.3	55.3	65.6
Wearing lenses (mil.)	94.3	40.8	53.5	103.3	44.7	58.6	7.3	12.3	25.0	58.8
Eyeglasses only (mil.)	90.3	39.7	50.6	96.3	42.7	53.6	6.8	9.9	21.8	57.8
Contact lenses (mil.)	2.4	.7	1.8	7.0	2.0	5.0	.4	2.4	3.2	1.0
Percent wearing lenses	49.2	44.2	53.8	50.9	45.7	55.7	14.3	39.2	45.3	89.5
Eyeglasses only	47.1	43.1	50.9	47.5	43.7	50.9	13.5	31.5	39.4	88.0
Contact lenses	1.3	.7	1.8	3.5	2.1	4.8	.8	7.7	5.8	1.5

NO. 195. PERSONS INJURED, BY SEX, 1970 TO 1978, AND BY CIRCUMSTANCE, 1978

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			CIRCUMSTANCE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1970	56.0	31.8	24.2	28.0	33.0	23.3	**1978 total**	**67.5**	**38.1**	**29.4**	**31.6**	**36.9**	**26.6**
1973	60.0	34.8	25.2	29.1	35.0	23.7							
1974	59.1	33.6	25.6	28.5	33.6	23.8	While at work	10.5	8.4	2.2	4.9	8.1	1.9
1975	71.9	39.4	32.5	34.4	39.1	30.0	Home	25.4	12.5	12.9	11.9	12.1	11.7
1976	*65.4*	*37.1*	*28.3*	*31.1*	*36.5*	*26.0*	Motor vehicle	4.6	2.7	1.9	2.1	2.6	1.7
1977	73.9	42.3	31.6	34.8	41.3	28.8	Other	29.7	16.7	13.0	13.9	16.2	11.8

Source of tables 194 and 195: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 196. SELECTED PREVENTIVE CARE PROCEDURES: 1973

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

TYPE OF PROCEDURE AND AGE GROUP	BOTH SEXES			MALE			FEMALE		
	Population (1,000)	Percent with care		Population (1,000)	Percent with care		Population (1,000)	Percent with care	
		At any time	In past year		At any time	In past year		At any time	In past year
Electrocardiogram:									
Total, 40 years and over	73,949	60.4	24.5	33,917	64.6	27.1	40,032	56.8	22.3
40-44 years	11,162	48.0	18.5	5,367	55.1	22.3	5,795	41.6	14.9
45-64 years	42,534	60.4	24.0	20,164	64.6	27.0	22,370	56.6	21.4
65 years and over	20,253	67.2	28.9	8,386	70.7	30.5	11,867	64.8	27.8
Glaucoma test:									
Total, 40 years and over	73,949	53.7	23.4	33,917	50.1	21.9	40,032	56.7	24.8
40-44 years	11,162	40.0	18.8	5,367	38.0	18.5	5,795	41.9	19.0
45-64 years	42,534	56.4	23.9	20,164	53.0	22.4	22,370	59.3	25.3
65 years and over	20,253	55.7	25.0	8,386	50.9	22.7	11,867	59.0	26.6
Chest X-ray:									
Total, 17 years and over	141,802	80.1	31.2	66,641	80.3	31.9	75,161	80.0	30.7
17-24 years	29,063	65.6	26.6	14,000	66.1	26.5	15,062	65.2	26.6
25-44 years	49,953	84.6	31.0	24,091	83.9	31.2	25,862	85.3	30.8
45-64 years	42,534	85.3	34.5	20,164	85.1	35.7	22,370	85.6	33.3
65 years and over	20,253	78.9	31.7	8,386	82.4	33.5	11,867	76.5	30.5
Breast examination:									
Total, 17 years and over	(X)	(X)	(X)	(X)	(X)	(X)	75,161	76.3	48.0
17-24 years	(X)	(X)	(X)	(X)	(X)	(X)	15,062	65.2	51.4
25-44 years	(X)	(X)	(X)	(X)	(X)	(X)	25,862	88.8	59.7
45-64 years	(X)	(X)	(X)	(X)	(X)	(X)	22,370	78.6	42.5
65 years and over	(X)	(X)	(X)	(X)	(X)	(X)	11,867	59.1	26.5
Pap smear:									
Total, 17 years and over	(X)	(X)	(X)	(X)	(X)	(X)	75,161	75.2	45.9
17-24 years	(X)	(X)	(X)	(X)	(X)	(X)	15,062	61.4	50.2
25-44 years	(X)	(X)	(X)	(X)	(X)	(X)	25,862	90.0	60.0
45-64 years	(X)	(X)	(X)	(X)	(X)	(X)	22,370	78.9	39.3
65 years and over	(X)	(X)	(X)	(X)	(X)	(X)	11,867	53.7	22.0

X Not applicable.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 95; *Monthly Vital Statistics Reports*, vol. 24, Nos. 6 and 7 supplements, Sept. and Oct. 1975; and unpublished data.

NO. 197. PERCENT OF POPULATION ENGAGED IN PHYSICAL EXERCISE, BY TYPE OF EXERCISE, SEX, AND AGE: 1975

[Covers civilian noninstitutional population, 20 years old and over. Based on Health Interview Survey; see Appendix III]

SEX AND AGE	Total population (1,000)	Percent exercising regularly [1]	PERCENT, BY TYPE OF EXERCISE [2]						
			Ride bicycle	Calisthenics	Jog	Lift weights	Swim	Walk	All other
Total, 20 years and over	135,655	48.6	10.9	13.5	4.8	3.4	11.8	33.8	6.8
20–44 years	71,084	53.7	16.1	17.3	7.3	5.4	16.9	33.8	6.9
45–64 years	43,145	43.4	6.5	10.8	2.7	1.5	8.0	32.9	6.5
65 years and over	21,426	42.3	2.9	6.1	1.2	(B)	2.8	35.7	6.9
Male, 20 years and over	*63,665*	*48.5*	*10.8*	*13.5*	*7.2*	*6.3*	*13.3*	*32.5*	*6.4*
20–44 years	34,268	52.7	14.9	17.5	10.6	10.1	18.8	31.4	6.2
45–64 years	20,567	42.0	6.7	10.1	3.8	2.6	8.1	31.4	5.9
65 years and over	8,830	47.3	4.3	5.9	2.1	(B)	4.1	39.4	8.1
Female, 20 years and over	71,990	48.7	11.1	13.5	2.7	.8	10.5	35.0	7.1
20–44 years	36,816	54.6	17.2	17.1	4.1	1.1	15.0	36.0	7.5
45–64 years	22,579	44.6	6.4	11.4	1.6	(B)	7.8	34.2	7.1
65 years and over	12,595	38.7	1.8	6.3	(B)	(B)	1.9	33.0	6.0

B Base less than minimum required for reliability. [1] Regular exercise is any exercise done on a weekly basis. [2] More than one type of exercise can be reported per person.

Source: U.S. National Center for Health Statistics, *Health, United States, 1976–1977.*

NO. 198. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960–1962 AND 1971–1974

[Height was measured without shoes. For 1960–1962, two pounds are deducted to allow for weight of clothing; for 1971–1974, total weights of all clothing ranged from .2 to .6 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source]

SEX, YEAR, AND HEIGHT (feet and inches)	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
MEN	HEIGHT (inches)					
1960–1962	68.7	69.1	68.5	68.2	67.4	66.9
1971–1974	69.7	69.6	69.1	68.9	68.3	67.3
WOMEN						
1960–1962	63.8	63.7	63.5	62.9	62.4	61.5
1971–1974	64.3	64.1	64.1	63.6	62.8	62.3
MEN	WEIGHT (lb.)					
1960–1962, total	158	169	170	170	164	158
1971–1974, total	165	176	178	175	171	164
5'2"	130	141	143	147	143	143
5'3"	135	145	148	152	147	147
5'4"	140	150	153	156	153	151
5'5"	145	156	158	160	158	156
5'6"	150	160	163	164	163	160
5'7"	154	165	169	169	168	164
5'8"	159	170	174	173	173	169
5'9"	164	174	179	177	178	173
5'10"	168	179	184	182	183	177
5'11"	173	184	190	187	189	182
6'	178	189	194	191	193	186
6'1"	183	194	200	196	197	190
6'2"	188	199	205	200	203	194
WOMEN						
1960–1962, total	127	134	142	145	150	144
1971–1974, total	132	140	148	149	149	146
4'9"	114	118	125	129	132	130
4'10"	117	121	129	133	136	134
4'11"	120	125	133	136	140	137
5'	123	128	137	140	143	140
5'1"	126	132	141	143	147	144
5'2"	129	136	144	147	150	147
5'3"	132	139	148	150	153	151
5'4"	135	142	152	154	157	154
5'5"	138	146	156	158	160	158
5'6"	141	150	159	161	164	161
5'7"	144	153	163	165	167	165
5'8"	147	157	167	168	171	169

Source: U.S. National Center for Health Statistics, *Advance Data,* No. 3, Nov. 19, 1976, and No. 14, Nov. 30, 1977.

No. 199. Percent of Children 1 to 4 Years Old Immunized Against Specified Diseases: 1965 to 1979

[Covers civilian noninstitutional population. Based on a sample and subject to sampling variability; see source]

ITEM	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 (prel.)
Children, 1–4 yr (mil.)	16.5	14.1	14.1	13.9	13.9	13.2	12.7	12.3	12.1	12.2	12.4
Percent immunized against—											
Diphtheria-tetanus-pertussis (3 or more doses)	73.9	76.1	78.7	75.6	72.6	73.9	75.2	71.4	69.5	66.0	69.0
Polio (3 or more oral doses)	[1] 73.9	65.9	67.3	62.9	60.4	63.1	64.8	61.6	60.1	61.4	59.1
Measles	33.2	57.2	61.0	62.2	61.2	64.5	65.5	65.9	63.1	62.8	63.5
Rubella	(NA)	37.2	51.2	56.9	55.6	59.8	61.9	61.7	59.4	61.7	62.7
Mumps	(NA)	(NA)	(NA)	(NA)	34.7	39.4	44.4	48.3	48.1	51.1	55.4

NA Not available. [1] Inactivated doses or oral doses.

Source: U.S. Center for Disease Control, Atlanta, Ga., *United States Immunization Survey,* annual.

No. 200. Specified Reportable Diseases—Cases Reported: 1950 to 1978

[Prior to 1960, excludes Alaska and Hawaii, except for tuberculosis. Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. See *Historical Statistics, Colonial Times to 1970,* series B 291–303, for related data]

DISEASE	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Amebiasis	4,568	3,348	3,424	2,768	2,888	2,743	2,775	2,906	3,044	3,937
Aseptic meningitis	(NA)	(NA)	1,593	2,329	6,480	3,197	4,475	3,510	4,789	6,573
Botulism [1]	20	16	12	19	12	28	20	55	129	105
Brucellosis (undulant fever)	3,510	1,444	751	262	213	240	310	296	232	179
Chickenpox (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	141.5	154.2	184.0	188.4	154.1
Diphtheria	5,796	1,984	918	164	435	272	307	128	84	76
Encephalitis: Primary infectious [2]	1,135	2,166	2,341	1,722	1,580	1,164	4,064	1,651	1,414	1,118
Post infectious [2]				981	370	218	237	175	119	65
Hepatitis: Serum (1,000)	2.8	32.0	41.7	33.9	6.3	10.6	13.1	15.0	16.8	15.0
Infectious (1,000)					56.8	40.4	35.9	33.3	31.2	29.5
Unspecified (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	8.4	7.2	7.5	8.6	8.8
Leprosy	44	75	54	96	129	118	162	145	151	168
Leptospirosis	30	24	53	84	47	68	93	73	71	110
Malaria	2,184	522	72	147	3,051	293	373	471	547	731
Measles (1,000)	319.1	555.2	441.7	261.9	47.4	22.1	24.4	41.1	57.3	26.9
Meningococcal infections	3,788	3,455	2,259	3,040	2,505	1,348	1,478	1,605	1,828	2,505
Mumps (1,000)	(NA)	(NA)	(NA)	(NA)	105.0	59.1	59.6	38.5	21.4	16.8
Pertussis (whooping cough) (1,000)	120.7	62.8	14.8	6.8	4.2	2.4	1.7	1.0	2.2	2.1
Poliomyelitis, acute	33,300	28,985	3,190	72	33	7	8	14	18	15
Psittacosis	26	334	113	60	35	164	49	78	94	140
Rabies in animals	7,901	5,799	3,587	4,574	3,224	3,151	2,627	3,073	3,130	3,260
Rheumatic fever, acute [3]	(NA)	(NA)	9,022	4,998	3,227	2,431	2,854	1,865	1,738	851
Rubella (German measles) (1,000)	(NA)	(NA)	(NA)	(NA)	56.6	11.9	16.7	12.5	20.4	18.3
Salmonellosis [4] (1,000)	1.2	5.4	6.9	17.2	22.1	22.0	22.6	22.9	27.8	29.4
Shigellosis [5] (1,000)	23.4	13.9	12.5	11.0	13.8	22.6	16.6	13.1	16.1	19.5
Streptococcal sore throat, *scarlet fever (1,000)*	64.5	147.5	315.2	395.2	433.4	[6] 407.0	[6] 330.8	[6] 394.5	[6] 423.1	[6] 397.0
Tetanus	486	462	368	300	148	101	102	75	87	86
Trichinosis	327	264	160	199	109	120	252	115	143	67
Tuberculosis [7] (1,000)	(NA)	76.2	55.5	49.0	37.1	30.1	34.0	32.1	30.1	28.5
Tularemia	927	584	390	264	172	144	129	157	165	141
Typhoid fever	2,484	1,704	816	454	346	437	375	419	398	505
Typhus fever:										
Flea-borne (endemic-murine)	685	135	68	26	27	26	44	69	75	46
Tick-borne (Rocky Mt. spotted fever)	464	295	204	281	380	754	844	937	1,153	1,063
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	287	236	259	325	600	906	1,000	1,002	1,002	1,013
Syphilis (1,000)	218	122	122	113	91	84	80	72	65	65
Other (1,000)	8.2	3.9	2.8	2.0	2.2	1.4	1.1	1.1	.9	.9

NA Not available. [1] Beginning in 1975, includes foodborne, infant, and unspecified cases. [2] Data reported for 1974–1978 reflect new diagnostic categories. [3] Based on reports from States: 37 in 1960, 36 in 1965, 1974, and 1975, *38 in 1970, 40 in 1976 and 1978,* and 39 in 1977. [4] Excludes typhoid fever. [5] Bacillary dysentery. [6] Based on reports from States: 42 in 1974, 1976, and 1977, 41 in 1975, and 40 in 1978. [7] Beginning 1960, newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. National Center for Health Statistics, *Vital Statistics—Special Reports,* vol. 37, No. 9, and U.S. Center for Disease Control, Atlanta, Ga., *Morbidity and Mortality Weekly Report* (annual supplements).

No. 201. Acute Conditions, by Type, 1970 to 1978, and by Selected Characteristics, 1978

[Data refer to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. I, inside front cover]

Year and characteristic	Number of conditions (mil.)					Rate per 100 population				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1973, total	*40.0*	*100.6*	*88.2*	*17.2*	*63.2*	*19.4*	*48.9*	*42.9*	*8.4*	*30.7*
1974, total	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total	52.8	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total	**52.9**	**126.4**	**121.1**	**22.9**	**70.7**	**24.7**	**59.1**	**56.6**	**10.7**	**33.1**
Male	23.6	57.1	56.1	10.4	39.6	22.8	55.3	54.3	10.1	38.4
Female	29.3	69.4	65.0	12.5	31.1	26.5	62.7	58.8	11.3	28.1
Northeast	15.2	32.2	18.7	5.3	15.3	31.2	66.1	38.3	10.8	31.4
North Central	9.9	33.9	39.3	5.4	20.1	17.2	59.1	68.5	9.4	35.1
South	22.0	37.1	31.3	6.5	21.2	31.8	53.7	45.2	12.2	30.7
West	5.8	23.2	31.9	3.7	14.1	15.1	60.2	82.6	9.7	36.5
Inside SMSA [1]	38.4	91.3	83.2	16.3	48.5	26.2	62.4	56.8	11.1	33.1
Outside SMSA: [1]										
Nonfarm	13.6	33.0	34.0	6.3	20.7	22.3	54.1	55.6	10.3	33.9
Farm	.9	2.1	3.9	.3	1.5	13.6	33.5	61.6	[2] 5.1	23.6
Under 6 yr	11.9	24.6	13.4	2.6	6.2	64.5	133.9	72.7	14.0	33.5
6–16 yr	15.0	32.6	29.5	5.4	16.1	36.9	80.2	72.5	13.3	39.6
17–44 yr	19.8	49.5	53.8	10.0	32.3	22.3	55.9	60.7	11.2	36.4
45 yr. and over	6.2	19.7	24.4	4.9	16.2	9.4	29.8	36.9	7.4	24.5

[1] SMSA refers to standard metropolitan statistical areas as defined in 1970 census publications; see Appendix II.
[2] Figure does not meet standards of reliability or precision.

No. 202. Persons With Activity Limitation, by Selected Chronic Conditions: 1969–1970 and 1978

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

Condition	Both sexes		Male				Female			
	All ages	65 yr. and over	All ages	Under 45 yr.	45–64 yr.	65 yr. and over	All ages	Under 45 yr.	45–64 yr.	65 yr. and over
1969–1970										
Persons with limitation (mil.)	**23.2**	**8.0**	**11.7**	**3.9**	**4.1**	**3.7**	**11.5**	**3.4**	**3.9**	**4.3**
Percent limited by—										
Heart conditions	15.5	20.5	16.5	5.5	22.3	21.8	14.6	7.3	15.6	19.3
Arthritis and rheumatism	14.1	21.2	9.3	3.1	10.7	14.4	18.9	5.9	21.0	27.1
Hypertension without heart involvement	4.6	6.4	3.0	1.3	3.7	4.0	6.2	2.4	6.8	8.5
Impairment of back/spine	6.9	2.8	7.3	10.4	9.8	2.3	6.6	10.8	6.7	3.1
Lower extremities and hips	6.7	5.3	7.6	11.4	6.8	4.3	5.8	5.9	5.1	6.2
Percent of all persons with—										
No activity limitation	88.3	57.7	87.7	94.2	78.9	54.1	88.8	95.3	82.0	60.4
Activity limitation	11.7	42.3	12.3	5.8	21.1	45.8	11.2	4.7	18.0	39.6
In major activity	9.1	37.0	9.5	3.5	17.3	41.7	8.6	3.1	14.2	33.5
1978										
Persons with limitation (mil.)	**30.3**	**10.3**	**14.7**	**5.2**	**5.0**	**4.5**	**15.6**	**4.6**	**5.2**	**5.7**
Percent limited by—										
Heart conditions	16.1	23.8	17.5	4.4	22.7	26.6	14.7	5.1	15.7	21.7
Arthritis and rheumatism	16.4	24.7	11.5	3.9	14.5	16.8	21.2	6.2	23.7	31.0
Hypertension without heart involvement	6.5	7.5	4.9	2.1	7.5	5.3	8.1	2.5	11.7	9.2
Impairment of back/spine	7.7	3.7	7.2	9.8	8.4	3.1	8.1	13.5	7.5	4.2
Lower extremities and hips	6.8	6.0	7.5	11.1	6.3	4.9	6.2	6.4	5.1	6.9
Percent of all persons with—										
No activity limitation	85.8	55.0	85.7	92.9	75.7	51.8	85.9	93.8	77.0	57.3
Activity limitation	14.2	45.0	14.3	7.1	24.3	48.2	14.1	6.2	23.0	42.7
In major activity	*10.6*	*38.3*	*10.8*	*4.1*	*19.7*	*43.2*	*10.3*	*3.7*	*17.5*	*34.9*

Source of tables 201 and 202: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 203. Persons With Elevated Blood Pressure, by Race, Sex and Age: 1960–1962 and 1971–1974

[Covers civilian noninstitutional population, 18–74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with blood pressure readings of either systolic pressure of 160 mmHg or more or diastolic pressure of 95 mmHg or more]

Age group	Number (1,000)					Rate per 100 persons				
	Total [1]	White	Black	Female	Male	Total [1]	White	Black	Female	Male
1960–1962, total	19,661	16,131	3,380	10,299	9,363	18.2	17.0	30.2	18.1	18.2
1971–1974, total	**23,171**	**19,359**	**3,672**	**11,515**	**11,656**	**18.1**	**17.0**	**28.2**	**17.1**	**19.2**
18–24 years old	738	632	106	194	544	3.1	3.1	3.7	1.6	4.8
25–34 years old	1,777	1,373	401	618	1,159	6.6	5.8	13.7	4.4	9.1
35–44 years old	3,492	2,738	696	1,449	2,043	15.5	13.6	32.0	12.3	18.9
45–54 years old	5,702	4,710	975	2,680	3,022	24.2	22.2	44.0	21.9	26.8
55–64 years old	6,257	5,354	865	3,382	2,875	33.2	31.4	52.6	34.0	32.3
65–74 years old	5,205	4,551	628	3,191	2,014	40.7	39.3	55.1	43.9	36.6

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 203.

No. 204. Persons Using Special Health Aids—Number and Rate, by Age: 1977

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

Type of aid	Number (1,000)					Rate per 1,000 population				
	Total	Under 15 years	15–44 years	45–64 years	65 yr. and over	Total	Under 15 years	15–44 years	45–64 years	65 yr. and over
Cane or walking stick	2,714	–	153	550	2,011	12.8	–	1.6	12.7	90.3
Special shoes	1,492	572	265	401	253	7.0	11.1	2.8	9.2	11.4
Leg or foot brace	398	76	133	119	70	1.9	1.5	1.4	2.7	3.1
Other braces	1,004	51	296	460	196	4.7	1.0	3.1	10.6	8.8
Walker	689	[1] 22	[1] 26	93	549	3.2	[1] .4	[1] .3	2.1	24.7
Wheelchair	645	47	116	148	334	3.0	.9	1.2	3.4	15.0
Crutches	613	50	211	202	151	2.9	1.0	2.2	4.7	6.8
Artificial leg or foot	205	[1] 13	46	82	64	1.0	[1] .3	.5	1.9	2.9

– Represents zero. [1] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 135.

No. 205. Drugs and Toiletries—Retail Sales: 1975 to 1979

[**In millions of dollars.** Excludes government and hospital use]

Product	1975	1978	1979	Product	1975	1978	1979
Total sales	**22,366**	**30,900**	**33,394**	Toiletries	7,963	12,165	13,144
Drugs and other health aids	14,403	18,735	20,250	Hair products	2,172	3,004	3,271
Prescriptions	8,146	10,435	11,326	*Shampoos*	632	907	1,006
Packaged medications [1]	3,511	4,896	5,212	Shaving products	1,223	1,502	1,559
Vitamin concentrates	452	559	621	*Oral hygiene*	1,057	1,353	1,460
Cough and cold remedies	735	946	968	Dentifrices	494	603	663
Internal analgesics [1]	719	1,015	1,129	Hand products	329	520	565
Other [1]	1,605	2,375	2,493				
Sickroom and convalescent aids	371	703	725	Cosmetics	1,409	3,667	4,074
First aid products	336	443	475	Lipsticks	389	682	820
Baby needs	1,074	1,439	1,647	Fragrances	608	615	623
Disposable diapers, liners	577	766	881	Toilet water, cologne	429	431	434
Feminine needs [1]	552	819	865	Personal hygiene	1,165	1,504	1,592
Veterinary	413	(NA)	(NA)	Bath soaps [2]	558	928	1,004
				Deodorants [3]	607	576	588

NA Not available.

[1] For 1975, effervescent compounds reported under internal analgesics and contraceptives reported under feminine needs; beginning 1978, included in other packaged medications. [2] Medicated soaps included in packaged medications. [3] Includes personal insect repellents.

Source: Medical Economics Company, Oradell, N.J., *Drug Topics*, Marketing Guide, annual. (Copyright © by Litton Industries; further reproduction prohibited without written permission of copyright owner.)

No. 206. Drug Use, by Type of Drug and by Age Group: 1979

[Current users are those who used drugs at least once within month prior to this study. Based on national samples of 2,165 youths, 2,044 young adults, and 3,015 older adults. Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS (12–17 yr.)		PERCENT OF YOUNG ADULTS (18–25 yr.)		PERCENT OF ADULTS (26 yr. and older)	
	Ever used	Current user	Ever used	Current user	Ever used	Current user
Marihuana	30.9	16.7	68.2	35.4	19.6	6.0
Inhalants	9.8	2.0	16.5	1.2	3.9	.5
Hallucinogens	7.1	2.2	25.1	4.4	4.5	(Z)
Cocaine	5.4	1.4	27.5	9.3	4.3	.9
Heroin	.5	(Z)	3.5	(Z)	1.0	(Z)
Analgesics	3.2	.6	11.8	1.0	2.7	(Z)
Stimulants [1]	3.4	1.2	18.2	3.5	5.8	.5
Sedatives [1]	3.2	1.1	17.0	2.8	3.5	(Z)
Tranquilizers [1]	4.1	.6	15.8	2.1	3.1	(Z)
Alcohol	70.3	37.2	95.3	75.9	91.5	61.3
Cigarettes	54.1	12.1	82.8	42.6	83.0	36.9

Z Less than .5 percent. [1] Prescription drugs.

No. 207. Marihuana Use, by Characteristics and Residence of User: 1971 to 1979

[See headnote, table 206]

CHARACTERISTIC	PERCENT OF YOUTHS (12–17 yr.)				PERCENT OF YOUNG ADULTS (18–25 yr.)			PERCENT OF ADULTS (26 yr. and older)		
	1971 [1]	1976	1977	1979	1976	1977	1979	1976	1977	1979
EVER USED										
Total	**14**	**22**	**28**	**31**	**53**	**60**	**68**	**13**	**15**	**20**
Male	14	26	33	34	62	66	75	19	21	26
Female	14	19	23	28	44	55	61	7	10	14
White	15	22	29	31	55	61	69	12	15	19
Black and other	12	22	25	31	48	55	62	17	20	26
SMSA's with 1 million or more inhabitants [2]	15	25	36	36	59	63	73	19	20	23
SMSA's with under 1 million inhabitants [2]	15	24	28	28	59	64	68	12	16	21
Nonmetropolitan areas	13	18	18	27	38	48	61	7	9	14
CURRENT USER										
Total	**6**	**12**	**17**	**17**	**25**	**27**	**35**	**4**	**3**	**6**
Male	7	14	20	19	31	35	45	6	4	9
Female	5	11	13	14	19	20	26	2	2	3
White	(NA)	12	17	17	26	28	36	3	3	6
Black and other	(NA)	11	14	15	22	24	34	6	4	8
SMSA's with 1 million or more inhabitants [2]	9	18	22	20	29	31	39	5	5	8
SMSA's with under 1 million inhabitants [2]	7	11	17	14	28	29	36	4	3	6
Nonmetropolitan areas	3	8	10	15	16	18	30	1	1	4

NA Not available. [1] Current user data based on self designation as current user. [2] Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II.

Source of tables 206 and 207: Fishburne, Abelson, and Cisin, *The National Survey on Drug Abuse: Main Findings 1979.* Data from survey conducted for U.S. National Institute on Drug Abuse, 1979.

No. 208. Drug Abuse Treatment Units: 1977 to 1979

[In thousands, except as noted. As of **April 30.** Includes Puerto Rico and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1979, the response rate was 95 percent]

ITEM	1977	1978	1979	ITEM	1977	1978	1979
Treatment units (number)	3,147	3,248	3,590	**Clients**—Cor.			
Clients	[1] **234.6**	**213.4**	**202.7**	Outpatient and day care	203.3	185.6	173.8
				Residential	18.5	17.7	16.8
Mode of treatment:				Hospital inpatient	3.7	2.2	2.9
Drug free [2]	147.2	132.3	125.1	Prison	9.1	7.9	9.2
Detoxification [3]	5.8	4.6	5.6				
Methadone maintenance [4]	80.0	75.2	70.9	Total funding (mil. dol.)	510.7	518.2	510.6
Other maintenance		1.4	.7	Total staff	40.5	42.9	[5] 51.1

[1] Includes other modes of treatment, not shown separately. [2] Drug withdrawal without medication. [3] Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. [4] Continued use of methadone for a period of more than 21 days. [5] Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series,* Series F, No. 7, *Executive Report,* April 1979.

NO. 209. CIGARETTE SMOKING AND HEALTH CHARACTERISTICS: 1970 TO 1978

[For 1970 and 1978, civilian noninstitutional population 17 years old and over; for 1976, 20 years old and over. Based on Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

SEX, AGE, AND HEALTH CHARACTERISTIC	Total population [1]	Persons who never smoked	Persons who ever smoked [2]	Former smokers	PRESENT SMOKERS				
					Total [3]	Cigarettes smoked per day (heaviest amount)			
						Under 15	15–24	25–34	35 or more
1970: Both sexes (1,000)	**133,132**	**59,675**	**72,678**	**23,859**	**48,819**	**15,517**	**20,628**	**5,256**	**5,707**
Percent of total	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male (1,000)	**62,310**	**19,144**	**42,773**	**15,861**	**26,912**	**7,163**	**11,458**	**3,160**	**3,959**
Percent of total	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17–24 years (1,000)	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25–44 years (1,000)	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,895
45–64 years (1,000)	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over (1,000)	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female (1,000)	**70,822**	**40,531**	**29,905**	**7,998**	**21,907**	**8,354**	**9,170**	**2,096**	**1,748**
Percent of total	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17–24 years (1,000)	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25–44 years (1,000)	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45–64 years (1,000)	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over (1,000)	10,907	8,835	2,015	825	1,190	541	475	56	74
1976: Both sexes (1,000)	**137,478**	**54,396**	**72,004**	**25,967**	**46,035**	**13,705**	**20,149**	**5,755**	**5,849**
Male (1,000)	64,556	16,563	40,121	16,379	23,741	5,685	10,517	3,467	3,821
Female (1,000)	72,922	37,833	31,883	9,588	22,294	8,020	9,632	2,288	2,028
Restricted-activity days per person: [4]									
Male	19.8	15.8	22.6	25.7	20.4	24.4	18.4	20.2	
Female	24.4	23.5	25.0	28.6	23.6	23.6	22.3	26.7	
Bed-days per person: [4]									
Male	6.9	4.8	7.7	9.0	6.7	8.2	6.5	6.0	
Female	9.4	8.3	9.8	10.9	9.4	10.1	8.6	9.9	
Work-loss days per person: [4]									
Male	5.0	4.3	5.4	5.7	5.2	2.6	5.9	5.7	
Female	5.8	5.1	6.5	6.3	6.6	6.2	5.7	9.3	
1978: [5] Both sexes (1,000)	**155,452**	**70,854**	**83,895**	**31,547**	**52,348**	**15,170**	**22,026**	**6,699**	**7,666**
Percent of total	100.0	45.6	54.0	20.3	33.7	9.8	14.2	4.3	4.9
Male (1,000)	**73,381**	**25,471**	**47,510**	**20,102**	**27,408**	**6,323**	**11,466**	**4,145**	**5,061**
Percent of total	100.0	34.7	64.7	27.4	37.4	8.6	15.6	5.6	6.9
17–24 years (1,000)	15,492	8,737	6,685	1,427	5,258	1,727	2,503	643	345
25–44 years (1,000)	27,828	9,207	18,460	6,697	11,763	2,340	4,900	1,944	2,362
45–64 years (1,000)	20,616	4,665	15,822	7,597	8,225	1,502	3,188	1,257	2,185
65 years and over (1,000)	9,445	2,863	6,542	4,381	2,161	754	874	300	168
Female (1,000)	**82,070**	**45,383**	**36,385**	**11,445**	**24,940**	**8,847**	**10,561**	**2,554**	**2,606**
Percent of total	100.0	55.3	44.3	13.9	30.4	10.8	12.9	3.1	3.2
17–24 years (1,000)	16,325	9,927	6,359	1,232	5,127	2,151	2,109	481	307
25–44 years (1,000)	29,423	14,273	15,041	4,468	10,573	3,559	4,390	1,290	1,160
45–64 years (1,000)	22,846	11,360	11,333	3,704	7,629	2,472	3,403	671	1,001
65 years and over (1,000)	13,475	9,823	3,652	2,042	1,610	665	658	112	138

[1] Includes persons for whom smoking status is unknown. [2] Excludes smokers with unknown present smoking status. [3] Includes smokers for whom the number of cigarettes smoked per day is unknown. [4] For definition of terms, see footnotes 1, 3, and 4 of table 192. [5] Based on last 6 months of 1978.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; *Health, United States, 1978; Advance Data*, No. 52, Sept. 19, 1979, and unpublished data.

NO. 210. COFFEE, ASPIRIN, AND SLEEPING PILLS—USERS AND NONUSERS: 1976

[Civilian noninstitutional population, 20 years old and over. Based on Health Interview Survey; see Appendix III]

ITEM	COFFEE USE		ITEM	ASPIRIN USE		ITEM	SLEEPING PILL USE	
	Male	Female		Male	Female		Male	Female
Total persons [1] (mil.)	**64.6**	**72.9**	**Total persons [1] (mil.)**	**64.6**	**72.9**	**Total persons [1] (mil.)**	**64.6**	**72.9**
Nondrinkers (mil.)	10.6	14.9	Nonusers (mil.)	17.0	15.3	Nonusers (mil.)	51.8	60.2
Drinkers (mil.)	46.1	54.9	Users (mil.)	39.6	54.6	Users (mil.)	4.5	9.4
Percent of total	71.4	75.3	Percent of total	61.3	74.9	Percent of total	7.0	12.9
1 cup or less [2]	18.2	21.8	Less than once a week	45.4	49.1	Less than once a week	3.3	6.2
2–5 cups [2]	40.5	42.9	Once a week or more	15.9	25.8	Once a week or more	3.7	6.7
6 cups or more [2]	12.7	10.6						

[1] Includes persons with use unknown. [2] Cups per day.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 131.

No. 211. Civilian per Capita Consumption of Major Food Commodities: 1960 to 1979

[**In pounds, except as indicated.** Civilian consumption represents the residual after exports, nonfood use, military procurement, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. For estimating techniques, see Agriculture Handbook No. 365, vol. 5, April 1972. Based on Bureau of the Census estimates of the civilian population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Meats (carcass weight)	173.6	175.6	192.6	190.5	182.4	194.8	193.0	186.1	181.3
Beef	85.1	99.5	113.7	116.8	120.1	129.3	125.9	120.1	107.6
Veal	6.1	5.2	2.9	2.3	4.2	4.0	3.9	3.0	2.0
Lamb and mutton	4.8	3.7	3.3	2.3	2.0	1.9	1.7	1.6	1.5
Pork (including lard)	77.6	67.2	72.7	69.1	56.1	59.5	61.5	61.4	70.2
Fish (edible weight)	10.3	10.8	11.8	12.2	12.3	13.1	12.9	13.6	13.3
Fresh and frozen	5.7	6.0	6.9	7.0	7.6	8.3	7.9	8.2	8.0
Canned	4.0	4.3	4.5	4.8	4.3	4.3	4.6	4.9	5.1
Cured	.6	.5	.4	.4	.4	.5	.4	.3	.4
Poultry products:									
Eggs, farm basis (number)	335	314	311	288	279	274	272	278	283
Chicken (ready-to-cook)	27.8	33.4	40.5	41.1	40.6	43.3	44.8	44.5	48.5
Turkey (ready-to-cook)	6.2	7.5	8.0	8.9	8.6	9.2	9.3	9.3	10.1
Dairy products:									
Total milk fat solids	24.5	22.9	20.6	20.0	20.1	20.1	20.1	20.4	20.6
Total nonfat milk solids	43.4	40.6	39.8	38.2	38.0	38.7	38.3	38.0	38.4
Cheese	8.3	9.5	11.5	14.6	14.5	15.8	16.4	17.2	17.7
Condensed and evaporated whole milk	13.7	10.6	7.1	5.3	5.3	5.0	4.5	4.1	4.4
Fluid milk and cream	322	302	264	246	245	245	243	239	231
Ice cream (product weight)	18.3	18.5	17.7	17.5	18.7	18.1	17.8	17.7	17.6
Fats and oils, total (fat content)	45.3	47.8	53.0	53.2	53.4	56.0	54.0	55.6	57.2
Butter (actual weight)	7.5	6.4	5.3	4.6	4.8	4.4	4.2	4.5	4.6
Margarine (actual weight)	9.4	9.9	11.0	11.3	11.2	12.2	11.6	11.4	11.7
Lard	7.6	6.4	4.7	3.2	3.0	2.7	2.3	2.2	2.5
Shortening	12.6	14.1	17.3	17.0	17.3	18.1	17.6	18.2	19.2
Other edible fats and oils	11.5	14.1	17.8	20.3	20.3	22.0	21.6	22.6	23.2
Fruits:									
Fresh, total (farm weight)	93.9	81.4	81.4	79.4	84.4	86.8	83.3	83.3	84.6
Citrus [1]	33.7	29.2	28.8	27.7	29.7	29.4	26.7	27.0	24.9
Apples (commercial)	18.3	16.3	18.3	16.1	17.9	19.0	16.9	16.1	17.3
Other (excluding melons)	41.9	35.9	34.3	35.5	36.8	38.4	39.7	40.2	42.1
Processed:									
Canned fruit	22.6	23.5	23.3	19.6	19.3	19.2	19.9	19.1	19.5
Canned juices (excl. frozen)	12.9	10.6	14.5	13.2	14.8	14.8	13.9	16.8	17.3
Frozen (including juices)	9.2	8.7	9.3	12.1	14.2	13.8	14.0	12.6	12.3
Dried [2]	3.1	3.0	2.7	2.4	3.0	2.6	2.5	2.2	3.1
Vegetables:									
Fresh [3] (farm weight)	105.7	98.3	98.8	100.0	99.0	100.4	98.7	100.5	103.8
Canned (excluding potatoes and sweet potatoes)	43.4	46.9	51.2	53.3	52.5	53.5	53.8	52.8	53.5
Frozen (excluding potatoes)	7.0	8.1	9.6	10.2	9.7	10.3	10.4	10.9	11.5
Potatoes (fresh equivalent) [4]	108	107	118	114	122	116	124	122	123
Frozen potatoes (product)	2.7	5.7	11.1	13.2	13.9	14.8	15.6	17.6	18.1
Sweet potatoes (fresh equiv.) [4]	7.1	6.2	5.6	5.3	5.4	5.3	5.0	5.5	5.7
Dry edible beans	7.3	6.6	5.9	6.7	6.5	6.2	6.1	5.9	6.4
Melons (farm weight)	25.8	23.6	23.3	18.9	19.1	20.5	21.2	22.3	21.4
Sugar (refined)	97.4	97.0	101.8	96.5	90.2	94.6	95.7	93.1	91.3
Grains:									
Cornmeal and other [5]	14.3	15.1	15.8	16.0	16.1	16.1	16.1	16.1	16.1
Corn sirup and sugar	13.8	18.2	20.8	30.3	34.0	37.5	40.4	42.6	49.2
Oat food products	3.6	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Wheat flour [6]	118	113	110	110	113	118	108	112	117
Wheat breakfast cereals	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Rye flour	1.1	1.1	1.2	1.3	1.0	1.0	.9	.8	.7
Rice, milled [1]	6.1	7.6	6.7	7.6	7.7	7.2	8.0	5.8	9.2
Other:									
Coffee (green beans)	15.8	14.8	13.7	13.0	12.4	12.8	9.4	10.9	11.5
Tea	.6	.7	.7	.8	.8	.8	.9	.7	.7
Cocoa beans	3.6	4.0	3.9	3.7	3.3	3.8	3.4	3.4	3.3
Peanuts (shelled) [7]	4.9	5.6	5.9	6.4	6.5	6.3	6.4	6.9	7.1
INDEXES (1967=100)									
Food consumption [8]	97	98	102	103	102	105	104	104	105
Food consumed, pounds [9]	102	99	101	100	100	102	102	102	103

[1] For crop year beginning in previous year. [2] For pack year. [3] Excludes produce from home gardens. [4] Includes quantities canned and frozen. [5] Includes cornstarch, corn cereal, and hominy. [6] Comprises white, whole wheat, and semolina flour. [7] For crop year beginning September of year shown. [8] Retail weight equivalent, weighted by constant retail prices. [9] Retail weight equivalent.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Food Consumption, Prices, and Expenditures*, annual, and *National Food Review*, quarterly.

No. 212. Nutrition—Nutrients Available for Civilian Consumption Per Capita Per Day and Indexes: 1950 to 1979

[For 1950, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of **July 1.** Quantities of nutrients computed by Science and Education Administration, Consumer and Food Economics Institute, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics, Statistics, and Cooperatives Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B^6 to cereals, meal replacements, infant formulas; vitamin B^2 to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders, and cereals. Minus sign (−) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

NUTRIENT AND UNIT	1950	1960	1965	1970	1975	1977	1978	1979, prel.	PERCENT CHANGE		
									1950–1960	1960–1970	1970–1979
Food energy (calories)	3,260	3,150	3,170	3,330	3,270	3,420	3,440	3,500	−3.4	5.7	5.1
Protein (grams)	95	96	96	100	100	104	104	104	1.1	4.2	4.0
Fat (grams)	145	144	146	159	155	161	163	168	−.7	10.4	5.7
Carbohydrate (grams)	402	375	373	380	377	394	396	400	−6.7	1.3	5.3
Calcium (grams)	.99	.98	.96	.94	.92	.94	.93	.95	−1.0	−4.1	1.1
Phosphorus (grams)	1.54	1.52	1.51	1.53	1.51	1.56	1.56	1.57	−1.3	.7	2.6
Iron (milligrams)	16.6	16.4	16.6	17.8	18.4	18.6	18.5	18.5	−1.2	8.5	3.9
Magnesium (milligrams)	363	345	338	340	340	348	349	352	−5.0	−1.4	3.5
Vitamin A (int'l units)	8,500	8,200	7,700	8,200	8,100	8,000	8,000	8,000	−3.5	-	−2.4
Thiamin (milligrams)	1.90	1.85	1.81	1.92	1.95	2.11	2.11	2.17	−2.6	3.8	13.0
Riboflavin (milligrams)	2.31	2.30	2.25	2.32	2.33	2.45	2.42	2.44	−.4	.9	5.2
Niacin (milligrams)	20.4	21.4	22.2	24.0	24.5	26.4	26.6	26.7	4.9	12.1	11.2
Vitamin B_6 (milligrams)	1.84	1.84	1.81	1.97	1.98	2.04	2.03	2.05	-	7.1	4.1
Vitamin B_{12} (micrograms)	8.7	9.0	9.0	9.7	9.4	9.7	9.5	9.3	3.4	7.8	−4.1
Ascorbic acid (milligrams)	106	107	98	111	119	118	118	120	.9	3.7	8.1
INDEXES (1967=100)											
Food energy (calories)	101	97	98	103	101	106	106	108	−4.0	6.2	4.9
Protein	96	97	97	101	101	105	105	105	1.0	4.1	4.0
Fat	95	95	96	105	102	106	107	111	-	10.5	5.7
Carbohydrate	107	100	100	102	101	105	106	107	−6.5	2.0	4.9

– Represents zero.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Food Consumption, Prices, and Expenditures*, annual, and *National Food Review*, quarterly.

No. 213. Daily Per Capita Intake of Selected Nutrients, by Race and Income Levels: 1971–74

[**Covers persons 1–74 years old.** Represents average daily intake per person. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first Health and Nutrition Examination Survey; see Appendix III. Subject to sampling variability; see source]

NUTRIENT	ALL PERSONS			PERSONS WITH INCOME [1]—					
				Below poverty level			Above poverty level		
	Total	White	Black	Total	White	Black	Total	White	Black
Calories, mean	1,994	2,017	1,825	1,817	1,858	1,742	2,021	2,032	1,886
Median	1,820	1,840	1,668	1,645	1,675	1,583	1,845	1,858	1,725
Protein (g), mean	77.83	78.92	69.65	68.76	70.42	65.65	79.11	79.67	72.50
Median	69.63	70.78	60.85	61.41	63.75	57.92	70.96	71.47	64.27
Calcium (mg), mean	867	897	654	782	849	658	882	903	652
As percent of standard	175	181	131	156	171	129	178	182	132
Median	727	755	553	653	722	558	740	760	549
Iron (mg), mean	11.95	12.10	10.80	10.70	10.90	10.26	12.13	12.21	11.21
As percent of standard	98	99	86	88	90	81	99	100	91
Median	10.58	10.69	9.55	9.38	9.58	8.79	10.77	10.81	9.97
Vitamin A (I.U.), mean	4,774	4,802	4,613	4,381	4,286	4,587	4,821	4,837	4,714
As percent of standard	150	150	150	145	142	152	151	151	151
Median	3,060	3,132	2,569	2,627	2,685	2,475	3,147	3,190	2,654
Vitamin C (mg), mean	86.32	86.99	80.01	72.05	69.33	75.97	88.53	88.83	83.31
As percent of standard	167	168	159	146	140	157	171	171	162
Median	59.23	60.42	49.09	41.37	39.89	46.61	61.97	62.92	50.92

[1] See text, p.436, and tables 769 and 771.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202.

NO. 214. FEDERAL FOOD PROGRAMS: 1960 TO 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning **1965,** American Samoa. All participation data are average monthly figures. Participants are not reported for special milk program, nutrition program for the elderly and charitable institutions program. Cost data are direct benefits to recipients; excludes expenditures for administrative and other operational costs. Beginning 1977 data are preliminary.]

PROGRAM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Food stamp:										
Participants (mil.)	(x)	.4	4.3	12.2	12.9	17.1	18.5	17.1	16.0	17.7
Federal cost (mil. dol.)	(x)	33	550	2,131	2,718	4,386	5,327	5,058	5,165	6,485
National school lunch (NSLP): [1]										
Children participating (mil.)	13.8	18.3	22.5	24.7	24.6	24.9	25.5	26.3	26.7	27.0
Federal cost [2] (mil. dol.)	94	130	300	882	1,085	1,289	1,479	1,674	1,825	2,016
School breakfast (SB):										
Children participating (mil.)	(x)	(x)	.5	1.2	1.4	1.8	2.2	2.5	2.8	3.3
Federal cost [2] (mil. dol.)	(x)	(x)	11	34	59	86	113	146	178	223
Special school milk:										
Quantity reimbursed (mil. 1/2 pt.)	2,385	2,967	2,902	2,561	1,426	2,139	2,305	2,247	1,986	1,871
Federal cost (mil. dol.)	81	97	101	91	49	123	144	153	142	142
Women-infant-children: [3]										
Participants (mil.)	(x)	(x)	.1	.2	.2	.5	.7	1.0	1.2	1.6
Federal cost (mil. dol.)	(x)	(x)	8	13	23	94	155	227	334	452
Child care feeding: [4]										
Children participating (mil.)	(x)	(x)	.1	.2	.3	.4	.4	.5	.5	.6
Federal cost (mil. dol.)	(x)	* (x)	[5] 8	[5] 45	[5] 62	[5] 99	88	124	149	181
Summer feeding: [6]										
Children participating (mil.)	(x)	(x)	.1	1.1	1.1	1.3	2.0	2.1	1.8	2.1
Federal cost (mil. dol.)	(x)	(x)	([5])	([5])	([5])	([5])	72	126	107	135
Needy family commodity:										
Participants (mil.)	3.9	5.3	3.8	2.7	2.0	.3	.1	.1	.1	.1
Federal cost (mil. dol.)	59	227	289	255	205	56	11	11	13	12
Federal cost of commodities donated to:										
Schools (NSLP and SB) (mil. dol.)	132	272	265	[7] 260	387	424	419	542	609	684
Charitable institutions (mil. dol.)	16	30	23	27	25	20	12	18	29	52
Nutrition for the elderly (mil. dol.)	(x)	(x)	(x)	(x)	(x)	2	9	19	38	50

X Not applicable. [1] See headnote, table 217.
[2] Excludes cost of commodities donated to schools. Excludes State contributions to cost of meals. [3] Covers special supplemental food program (WIC) and commodity supplemental food program only.
[4] Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Between 1970 and 1975 program was combined with summer feeding program.
[5] Cost data for summer feeding program included with child care feeding program. [6] Program provides free meals to children in poor areas during summer months. See also footnote 4. [7] Excludes $71 million cash in lieu of commodities.
Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics,* annual, and unpublished data.

NO. 215. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1979

[Beginning **1975,** includes Puerto Rico, Guam, and Virgin Islands. Data for U.S. are periodically revised; therefore data will not match U.S. totals in table 216]

YEAR (ending June 30)	Number of participating areas	Participants [1] (1,000)	Average monthly participation (1,000)	VALUE OF STAMPS ISSUED				
				Total retail value (mil. dol.)	Cost to participants (mil. dol.)	Federal Govt. contribution		
						Total (mil. dol.)	Percent of total retail value	Average monthly per participant
1961	6	50	50	1	(z)	(z)	46.1	$7.68
1965	110	633	425	85	53	33	38.0	6.38
1970	1,747	6,457	4,340	1,090	540	550	50.4	10.55
1971	2,027	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972	2,126	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973	2,228	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974	2,818	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975	3,035	19,197	17,064	7,266	2,680	4,386	60.4	21.41
1976	3,035	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977, prel. [2]	3,035	16,050	17,058	8,340	3,282	5,058	60.7	24.71
1978, prel. [2]	3,037	15,120	16,044	8,311	3,146	5,165	62.2	26.83
1979, prel. [2]	2,950	19,265	17,710	7,230	[3] 745	6,485	([3])	30.51

Z Less than $500,000. [1] As of end of fiscal year. [2] For year ending Sept. 30.
[3] As of Jan. 1, 1979, participants were no longer required to pay for a portion of total retail value.
Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics,* annual.

NO. 216. FEDERAL FOOD STAMP PROGRAM—PARTICIPATION AND VALUE, BY STATES AND OTHER AREAS: 1975 TO 1979

[Persons participating as of **June 30** except, beginning **1977,** as of **Sept. 30.** Cost data for years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Covers distribution of food stamps. See headnote, table 215]

STATE OR OTHER AREA	PERSONS PARTICIPATING (1,000)					FEDERAL COST OF COUPONS ISSUED						
						Total (mil. dol.)					Percent of total retail value [1]	
	1975	1976	1977, prel.	1978, prel.	1979, prel.	1975	1976	1977, prel.	1978, prel.	1979, prel.	1975	1978, prel.
Total	**19,197**	**17,982**	**16,050**	**15,120**	**19,265**	**4,385.5**	**5,326.5**	**5,056.3**	**5,096.7**	**6,512.4**	**60.4**	**62.0**
Ala	393	344	301	294	788	102.8	112.6	98.8	103.4	173.7	66.0	67.1
Alaska	12	8	9	11	25	6.6	4.7	5.4	6.0	13.0	76.7	75.0
Ariz	166	159	123	97	129	40.8	50.1	44.6	38.4	53.6	70.7	70.3
Ark	267	226	196	188	275	74.9	75.5	66.0	63.9	89.5	65.0	63.8
Calif	1,517	1,432	1,259	1,210	1,343	360.8	392.8	332.9	333.8	432.6	58.6	52.5
Colo	162	153	137	112	139	44.2	52.4	48.4	44.8	52.1	67.2	66.1
Conn	189	184	169	155	165	34.5	47.7	44.7	40.4	46.7	50.7	49.3
Del	39	26	24	29	45	7.7	10.8	8.3	9.0	14.8	61.1	60.8
D.C	111	109	95	91	99	25.7	28.7	25.5	26.6	33.4	52.1	54.7
Fla	767	768	688	642	828	206.6	281.5	261.0	255.9	307.2	73.3	74.2
Ga	569	508	418	390	558	129.3	161.2	142.5	137.6	182.6	62.8	67.6
Hawaii	84	105	105	90	96	23.6	32.9	34.6	34.1	42.1	56.1	52.1
Idaho	39	47	30	30	48	10.4	11.1	9.9	10.0	17.5	65.0	64.9
Ill	948	960	876	827	837	235.7	302.3	282.1	284.7	319.6	56.8	60.1
Ind	255	217	177	169	275	58.2	69.2	58.6	56.2	87.5	63.3	64.1
Iowa	118	111	99	98	117	28.1	30.0	29.0	28.8	36.6	57.1	56.1
Kans	63	64	58	48	74	12.3	15.0	15.0	14.8	22.8	50.2	53.6
Ky	449	406	365	322	411	128.4	135.7	128.3	125.9	146.6	67.1	67.5
La	502	469	402	372	523	148.0	151.6	134.4	130.9	176.1	68.3	66.8
Maine	151	117	90	94	121	31.0	36.3	28.5	33.7	45.2	61.0	66.5
Md	273	264	239	232	298	76.2	86.0	83.8	85.1	107.7	65.0	65.8
Mass	560	589	563	522	411	81.7	144.9	148.9	155.4	163.3	50.2	58.8
Mich	685	677	599	566	705	123.4	143.7	130.5	125.2	171.1	48.0	46.3
Minn	191	176	151	119	143	40.3	46.2	42.9	39.2	44.2	54.4	55.5
Miss	390	355	312	298	576	109.7	115.6	106.3	104.9	150.4	67.4	66.8
Mo	299	250	199	189	281	82.0	85.4	68.5	64.2	89.1	62.1	62.6
Mont	36	31	24	23	33	10.9	10.3	8.7	8.5	11.8	66.9	66.9
Nebr	50	44	37	37	54	11.3	11.9	10.7	10.5	15.9	56.2	54.7
Nev	34	23	16	16	27	10.5	10.3	6.5	6.2	9.7	75.0	71.3
N.H	66	49	39	35	44	11.3	15.5	12.9	11.9	16.1	58.5	62.6
N.J	565	536	483	457	530	125.2	164.0	157.4	154.9	181.1	56.3	59.8
N. Mex	154	129	105	99	156	46.4	45.7	39.7	37.5	55.1	69.2	69.6
N.Y	1,398	1,494	1,431	1,458	1,635	209.9	302.6	382.6	389.1	521.9	40.6	49.5
N.C	537	460	387	345	518	121.9	144.8	133.4	126.2	171.5	63.4	65.1
N. Dak	19	17	14	14	20	4.5	4.5	4.3	4.6	6.3	57.7	62.2
Ohio	924	877	730	666	759	253.4	292.3	260.5	244.6	277.9	67.6	66.6
Okla	184	172	145	135	184	37.7	42.2	37.2	36.1	49.8	52.4	50.2
Oreg	208	167	140	139	160	56.1	50.9	42.3	44.2	67.1	65.2	61.2
Pa	893	858	826	803	904	174.9	204.7	205.2	228.2	293.4	47.6	51.7
R.I	104	89	74	65	83	18.0	22.5	18.5	26.8	24.0	46.9	59.6
S.C	421	320	250	240	370	121.3	115.3	89.5	85.1	121.0	70.4	67.3
S. Dak	31	28	23	21	37	7.7	8.2	7.5	7.2	11.0	57.0	63.7
Tenn	435	400	372	374	531	115.4	137.5	133.6	141.8	189.5	67.6	71.6
Tex	1,085	903	744	730	1,058	315.2	298.7	255.1	254.4	348.8	67.2	67.4
Utah	50	43	33	30	44	11.0	12.4	8.9	8.6	13.2	55.3	52.1
Vt	46	46	36	36	40	9.3	11.6	10.6	10.3	12.5	51.1	55.7
Va	293	252	213	197	318	63.2	74.9	69.6	66.6	96.1	60.5	62.9
Wash	239	227	201	174	203	69.0	70.4	62.5	57.0	71.5	61.5	57.2
W. Va	204	180	226	193	182	56.1	55.8	60.7	83.0	103.6	63.5	74.9
Wis	163	177	162	141	185	29.3	37.8	37.7	35.3	47.2	48.8	46.0
Wyo	11	10	7	7	11	2.7	2.8	2.6	2.4	3.5	62.8	64.9
P. Rico	1,800	1,672	1,595	1,446	1,815	261.0	541.1	597.3	641.1	747.9	72.0	77.8
Guam	21	30	22	18	20	3.5	13.6	9.8	8.5	9.7	59.3	63.4
Virgin Is	25	24	26	26	34	5.9	10.2	11.6	13.8	16.3	68.6	73.8

[1] See footnote 3, table 215.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics,* annual; and unpublished data.

No. 217. School Lunch Program—States and Other Areas: 1970 to 1979

[**1970** and **1975**, for year ending **June 30**; **1978** and **1979** for year ending **Sept. 30**. Comprises public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government for local purchases of food on a basis of quality and quantity of meals served. December was peak month for participation in most States]

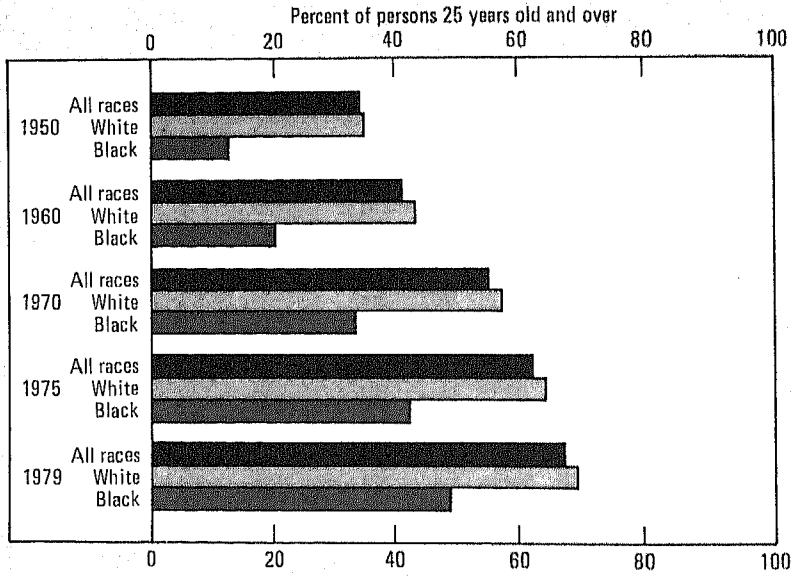
STATE OR OTHER AREA	PUPILS PARTICIPATING						FEDERAL COST (mil. dol.)			
	Number (1,000)				Percent of enrolled [1]					
	1970	1975	1978	1979	1970	1979	1970	1975	1978	1979
Total	**23,127**	**25,289**	**27,071**	**27,822**	**56.6**	**62.1**	**300.2**	**1,289.0**	**1,819.4**	**2,016.3**
U.S	**22,720**	**24,740**	**26,439**	**27,228**	**56.6**	**61.7**	**292.5**	**1,253.0**	**1,754.4**	**1,947.4**
Alabama	596	634	638	655	73.8	82.3	12.6	36.7	49.2	53.7
Alaska	32	35	35	38	51.5	52.8	.3	1.2	1.6	2.0
Arizona	219	241	269	298	62.6	60.8	2.6	11.3	18.6	19.7
Arkansas	343	341	349	361	77.4	77.8	5.7	18.4	24.2	26.6
California	968	1,490	1,850	1,912	39.0	46.0	11.1	97.0	159.3	178.4
Colorado	261	257	295	315	48.3	58.7	2.9	11.1	17.1	18.3
Connecticut	221	221	285	312	42.5	70.0	2.0	10.7	19.6	20.9
Delaware	71	81	74	71	55.4	60.7	.6	3.3	4.3	4.5
District of Columbia	54	74	71	74	35.9	60.7	1.4	5.8	7.4	7.6
Florida	953	945	1,039	1,046	69.1	69.2	15.0	51.4	79.6	87.1
Georgia	916	845	912	1,263	80.6	81.7	14.2	50.2	68.0	70.7
Hawaii	148	157	164	159	79.9	89.2	1.3	4.8	8.2	9.0
Idaho	88	98	111	117	58.9	59.6	1.0	3.3	5.3	5.9
Illinois	979	1,079	1,124	1,123	44.5	56.5	11.3	55.6	74.1	82.6
Indiana	643	738	722	717	56.8	62.4	5.2	23.5	30.2	34.0
Iowa	454	465	470	470	70.0	79.1	4.3	14.5	19.5	21.0
Kansas	305	304	318	328	65.0	74.4	2.5	10.8	15.6	16.7
Kentucky	572	572	603	586	75.4	81.8	9.0	29.4	37.5	42.6
Louisiana	814	805	790	778	87.2	85.1	9.7	46.8	55.9	59.1
Maine	119	136	147	148	63.3	61.3	1.7	7.3	10.6	11.8
Maryland	371	396	433	446	41.3	54.1	4.3	20.2	27.6	31.0
Massachusetts	622	734	743	736	64.2	65.9	5.2	30.3	41.1	45.6
Michigan	654	712	847	921	37.7	50.2	6.5	33.5	47.8	54.9
Minnesota	586	571	589	588	63.5	63.0	5.9	20.7	27.5	29.0
Mississippi	450	439	442	463	82.7	91.0	8.4	31.5	40.4	44.0
Missouri	687	639	668	677	57.1	69.2	6.1	26.3	36.1	39.0
Montana	69	92	93	110	54.9	66.7	.8	3.3	5.2	5.6
Nebraska	211	195	203	207	57.5	73.9	2.2	6.7	9.5	10.6
Nevada	25	50	63	72	48.1	50.0	.2	2.0	3.6	4.1
New Hampshire	81	83	103	107	51.9	60.5	.7	3.4	5.9	6.5
New Jersey	380	557	659	691	42.8	50.0	3.8	29.9	46.8	54.0
New Mexico	161	179	180	181	61.1	64.4	2.4	11.8	13.2	16.8
New York	1,603	1,756	1,760	1,776	47.2	53.3	28.5	102.2	143.0	164.5
North Carolina	868	922	965	968	80.0	83.4	15.2	52.9	73.4	79.8
North Dakota	101	93	93	94	69.5	74.2	1.2	3.4	4.4	4.9
Ohio	967	1,102	1,190	1,164	57.6	53.4	10.1	48.6	65.7	74.6
Oklahoma	302	387	402	406	68.0	63.9	4.9	16.9	23.2	25.5
Oregon	240	240	262	272	60.9	61.5	2.1	9.8	13.9	15.3
Pennsylvania	1,105	1,154	1,248	1,255	48.1	57.6	9.5	54.3	75.6	84.0
Rhode Island	51	84	85	80	33.3	46.8	.7	4.5	6.3	6.8
South Carolina	527	480	515	511	86.2	80.3	10.4	32.6	42.0	44.9
South Dakota	94	101	99	109	72.7	79.3	1.0	4.2	5.7	6.3
Tennessee	614	626	672	663	75.1	74.8	9.5	31.9	42.9	48.0
Texas	1,189	1,522	1,659	1,710	46.7	63.9	14.2	89.3	122.9	140.3
Utah	183	199	223	233	59.4	73.6	2.2	6.6	10.2	11.7
Vermont	50	60	50	59	61.3	73.4	.6	2.7	3.8	4.2
Virginia	703	724	734	738	60.3	77.8	9.5	32.8	43.4	49.8
Washington	320	326	362	378	40.0	49.7	3.1	15.0	21.4	23.6
West Virginia	213	255	258	255	59.9	74.4	4.2	13.8	18.3	20.4
Wisconsin	495	505	524	534	51.0	57.4	4.3	17.6	25.7	27.1
Wyoming	42	41	49	53	63.3	54.6	.3	1.4	2.0	2.4
Puerto Rico	366	497	549	513	51.9	65.6	7.3	33.1	57.4	59.8
American Samoa	8	9	8	9	92.0	100.0	.1	.6	.7	1.2
Guam	16	21	19	21	70.0	65.6	.2	.8	1.3	1.5
Virgin Islands	16	23	21	26	87.0	78.8	.2	1.6	2.0	2.4
Trust Territory	-	-	35	25	-	73.2	-	-	3.6	4.0

- Represents zero. [1] Pupils participating as percent of enrollment in schools participating in lunch program.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service, *National School Lunch Program*, annual.

Figure 5.1

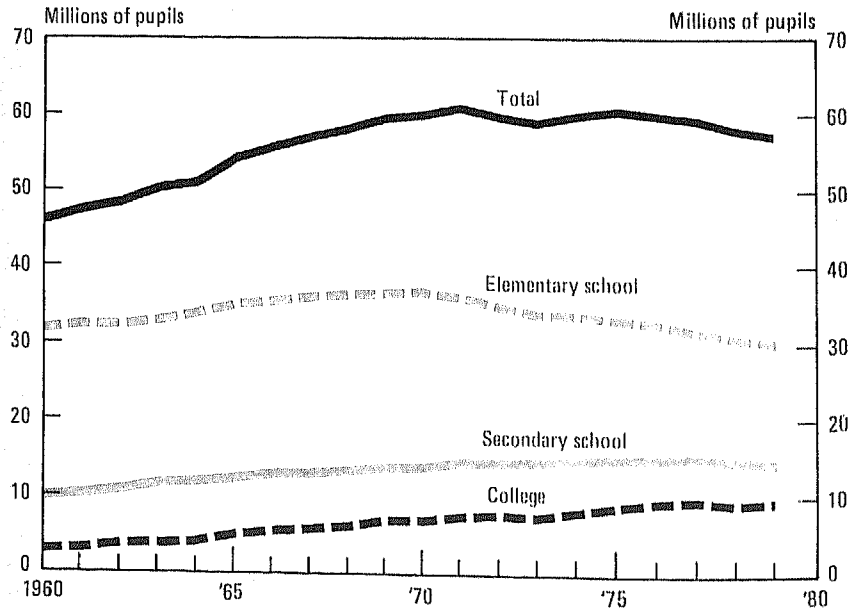
Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 238.

Figure 5.2

School Enrollment, by Level of Instruction: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 227.

1980
101st EDITION

Section 5
Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The census of population has included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education (formerly part of the U.S. Department of Health, Education, and Welfare, which is now organized as the U.S. Department of Health and Human Services), is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the annual *Projections of Education Statistics. The Condition of Education,* issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Data on vocational training are available in *Vocational and Technical Education,* through 1978 issued annually by the U.S. Office of Education (see table 298).

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the

statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of a group of pupils composed of one or more grade groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* or *nonpublic* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

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

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

NO. 218. PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1940 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See Appendix III and also *Historical Statistics, Colonial Times to 1970*, series H 413–417 and H 689]

TYPE OF SCHOOL	1940	1950	1960	1966	1970	1975	1976	1977	1978	1979
Elementary (1,000)	**194.4**	**138.6**	**105.4**	**88.6**	**81.2**	**77.6**	**77.2**	**76.9**	(NA)	(NA)
Public [1] (1,000)	[2] 183.1	128.2	91.9	73.2	66.8	[3] 63.6	[3] 63.2	[3] 62.6	[3] 62.6	[3] 64.4
One-teacher (1,000)	[2] 107.7	59.7	20.2	6.5	2.1	1.2	1.2	1.1	1.1	1.0
Nonpublic [1] [4] (1,000)	11.3	10.4	13.6	15.3	14.4	14.0	14.0	14.3	(NA)	(NA)
Secondary (1,000)	**28.7**	**27.9**	**29.8**	**31.2**	**30.5**	**29.4**	**29.0**	**30.1**	(NA)	(NA)
Public [1] (1,000)	[2] 25.1	24.5	25.8	26.6	26.3	[3] 25.7	[3] 25.3	[3] 25.4	[3] 24.7	[3] 24.2
Nonpublic [1] [4] (1,000)	3.6	3.3	4.1	4.6	4.2	3.7	3.7	4.7	(NA)	(NA)
Higher education [5]	**1,708**	**1,851**	**2,008**	**2,230**	**2,525**	**2,747**	**2,765**	**2,785**	**2,826**	**2,871**
Public	603	641	701	821	1,060	1,214	1,219	1,231	1,241	1,248
Private	1,105	1,210	1,307	1,409	1,465	1,533	1,546	1,554	1,585	1,623

NA *Not available.* [1] *Includes combined elementary-secondary schools.* [2] 1942 data. [3] Excludes special education schools for the handicapped and, beginning 1978, excludes alternative schools. [4] Partially estimated. [5] *Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service schools. Branch campuses not counted separately; considered part of parent institution.*

Source: U.S. National Center for Education Statistics, 1940 and 1950, *Biennial Survey of Education in the United States,* chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics,* annual, and unpublished data.

NO. 219. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS: 1977

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high school. See Appendix III]

STATE OR OTHER AREA	PUBLIC					PRIVATE				HIGHER EDUCATION[4]	
	Total	Elementary	Secondary [1]	Combined elem.-secondary	Special schools for the handicapped	Total [2]	Elementary [3]	Secondary	Combined elem.-secondary	Public	Private
U.S.	**88,025**	**61,123**	**23,857**	**1,521**	**1,524**	**17,399**	**11,877**	**2,277**	**2,446**	**1,455**	**1,591**
Alabama	1,328	520	298	510	–	233	109	15	105	36	20
Alaska	400	228	97	65	10	12	6	4	2	7	2
Arizona	866	639	217	2	8	175	113	16	22	17	5
Arkansas	1,188	715	471	–	2	80	47	9	22	16	13
California	7,372	5,492	1,543	5	332	1,736	1,187	236	221	134	118
Colorado	1,280	835	418	–	27	202	107	24	38	27	12
Connecticut	1,098	865	233	–	–	308	186	76	36	22	24
Delaware	200	136	52	–	12	57	32	9	12	6	4
District of Columbia	194	120	52	12	10	90	49	18	9	3	16
Florida	2,014	1,397	496	69	52	548	293	54	177	37	36
Georgia	1,766	1,284	438	44	–	243	74	21	137	35	32
Hawaii	227	162	52	8	5	89	57	12	11	8	3
Idaho	554	357	184	10	3	33	23	3	7	6	3
Illinois	4,552	3,155	1,276	8	113	1,186	935	134	63	61	88
Indiana	2,149	1,547	510	26	66	410	316	39	41	23	41
Iowa	1,689	1,147	717	–	25	265	210	36	17	22	39
Kansas	1,651	1,124	515	–	12	161	121	21	13	29	23
Kentucky	1,423	1,077	331	–	15	242	177	31	24	9	29
Louisiana	1,523	959	342	155	67	408	231	50	106	20	11
Maine	761	613	132	8	8	95	35	22	16	10	15
Maryland	1,347	990	315	21	21	355	222	55	58	30	22
Massachusetts	2,418	1,855	502	–	61	526	314	126	41	33	86
Michigan	4,030	2,865	1,054	24	87	761	564	90	93	45	49
Minnesota	1,723	1,094	621	8	–	419	339	41	33	30	35
Mississippi	1,074	646	428	–	–	163	56	15	89	27	18
Missouri	2,249	1,505	744	–	–	477	374	56	28	28	55
Montana	802	608	194	–	–	54	40	7	7	9	3
Nebraska	1,775	1,379	396	–	–	225	174	29	16	16	13
Nevada	263	158	80	16	9	19	13	3	3	5	1
New Hampshire	476	379	97	–	–	90	45	27	7	10	14
New Jersey	2,486	1,979	442	–	65	746	554	114	55	31	34
New Mexico	625	425	175	2	23	82	55	8	16	14	3
New York	4,354	2,976	1,183	110	85	1,785	1,226	263	207	84	203
North Carolina	2,034	1,425	496	85	28	237	101	18	115	73	43
North Dakota	773	455	318	–	–	54	41	8	3	11	4
Ohio	4,159	3,096	1,038	1	24	793	628	112	37	61	70
Oklahoma	1,857	1,154	700	–	3	64	40	9	10	29	15
Oregon	1,284	954	329	1	–	132	85	18	27	21	22
Pennsylvania	4,077	2,881	1,007	189	–	1,275	928	165	116	62	117
Rhode Island	345	268	66	1	10	103	66	15	12	3	9
South Carolina	1,163	795	341	–	27	139	49	9	81	32	24
South Dakota	794	563	220	–	11	87	56	14	5	7	10
Tennessee	1,711	1,226	340	60	85	227	96	35	74	23	44
Texas	5,395	3,249	2,101	–	45	592	438	63	71	92	54
Utah	577	388	159	2	28	24	15	5	3	9	5
Vermont	402	329	60	10	3	47	18	15	3	6	17
Virginia	1,783	1,237	465	48	33	282	152	36	83	39	33
Washington	1,688	1,085	531	21	51	207	142	20	38	33	15
West Virginia	1,278	898	337	–	43	69	45	10	13	17	11
Wisconsin	2,259	1,629	619	–	11	775	680	59	22	30	28
Wyoming	389	260	125	–	4	17	13	2	1	8	–
U.S. academies	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9	–
Other areas	**1,940**	**1,419**	**274**	**227**	**20**	(NA)	(NA)	(NA)	(NA)	**11**	**16**
Puerto Rico	1,860	1,357	258	226	19	(NA)	(NA)	(NA)	(NA)	7	16
American Samoa	30	25	4	–	1	(NA)	(NA)	(NA)	(NA)	1	–
Canal Zone	17	12	5	–	–	(NA)	(NA)	(NA)	(NA)	1	–
Guam	–	–	–	–	–	(NA)	(NA)	(NA)	(NA)	1	–
Virgin Islands	33	25	7	1	–	(NA)	(NA)	(NA)	(NA)	1	–

– Represents zero. NA Not available. X Not applicable. [1] Includes junior, senior, junior-senior, and vocational/technical high schools. [2] Includes special education, vocational/technical, and alternative schools. [3] Includes middle schools. [4] Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1977–1978 School Year (Final)*; *Education Directory: Colleges and Universities, 1976-77;* and unpublished data from the *"Survey of Nonpublic Elementary and Secondary Schools," 1976–77.*

No. 220. School Enrollment, by Type of School: 1960 to 1979

[**In thousands.** For **1960, for school year;** thereafter, as of fall of preceding year. See *Historical Statistics, Colonial Times to 1970,* series H 421–429, for kindergarten, elementary, and secondary. See also Appendix III]

TYPE OF SCHOOL	1960	1966	1970	1973	1974	1975	1976	1977	1978	1979
Total	**45,228**	**54,306**	**58,568**	**59,318**	**59,080**	**59,677**	**59,817**	**59,201**	**58,740**	**57,686**
Kindergarten [1]	**2,293**	**2,493**	**2,821**	**2,710**	**2,838**	**3,002**	**3,164**	**3,138**	**2,985**	**2,861**
blic	1,923	2,262	2,601	2,502	2,639	2,784	2,945	2,919	2,766	2,642
onpublic	[2] 354	212	[3] 200	[3] 190	[3] 180	[3] 200	[3] 200	[3] 200	[3] 200	[3] 200
Grades 1–8 [4]	**30,119**	**33,266**	**34,190**	**33,034**	**32,297**	**32,019**	**31,118**	**30,664**	**30,182**	**29,381**
Public	25,679	28,315	29,996	29,342	28,694	28,137	27,542	27,087	26,450	25,813
Nonpublic	[3] 4,286	4,763	[3] 4,000	[3] 3,510	[3] 3,420	[3] 3,700	[3] 3,400	[3] 3,400	[3] 3,400	[3] 3,400
Residential schools for exceptional children [5]	[6] 59	[3] 85	[3] 87	[3] [4] 182	[3] 85	[3] 85	[3] 83	[3] 83	[3] 81	[3] 79
Federal schools:										
For Indians	25	32	34		33	31	29	29	[3] 29	28
On Fed. installations	19	29	[3] 33		[3] 25	25	23	24	[3] 24	23
Grades 9–12 [4]	**9,600**	**13,021**	**14,418**	**15,309**	**15,427**	**15,633**	**15,804**	**15,810**	**15,766**	**15,654**
Public high schools	8,485	11,597	13,022	13,909	14,076	14,132	14,304	14,310	14,233	14,156
Nonpublic high schools	[3] 1,035	1,329	[3] 1,300	[3] 1,300	[3] 1,250	[3] 1,400	[3] 1,400	[3] 1,400	[3] 1,400	[3] 1,400
Residential schools for exceptional children [5]	[6] 24	[3] 35	[3] 37	[3] [4] 100	[3] 41	[3] 41	[3] 41	[3] 41	[3] 41	[3] 41
Federal schools:										
For Indians	12	14	12		11	11	11	11	[3] 10	10
On Fed. installations	1	[3] 3	[3] 3		4	4	3	3	[3] 3	3
Higher education [7]	**3,216**	**5,526**	**7,136**	**8,265**	**8,518**	**9,023**	**9,731**	**[3] 9,589**	**[3] 9,807**	**[3] 9,790**
Publicly controlled	1,832	3,624	5,112	6,159	6,389	6,838	7,426	[3] 7,275	[3] 7,415	[3] 7,363
Privately controlled	1,384	1,902	2,024	2,106	2,130	2,185	2,306	[3] 2,314	[3] 2,392	[3] 2,427

[1] Includes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, not shown separately. [2] Data from U.S. Bureau of the Census, *Current Population Reports,* series P–20. [3] Estimated. [4] Includes subcollegiate departments of institutions of higher education, not shown separately. [5] Schools for blind, deaf, mentally deficient, epileptic, and delinquent. [6] Estimate based on 1958 survey. [7] Excludes subcollegiate departments of institutions of higher education. Degree-credit enrollment only.

Source: U.S. National Center for Education Statistics, *Biennial Survey of Education in the United States,* chapter on Statistical Summary of Education, and *Digest of Education Statistics,* annual.

No. 221. School Expenditures—Public and Nonpublic, by Type of Control and Level of Instruction: 1960 to 1980

[**In billions of dollars, except percent.** For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates. See *Historical Statistics, Colonial Times to 1970,* series H 494, 499, and 500 for related but not comparable data and H 513–519 for private schools. See also Appendix III]

CONTROL AND LEVEL	1960	1966	1970	1972	1973	1974	1975	1976	1977	1978	1979 [1]	1980 [1]
Total [2]	**[3] 24.7**	**45.2**	**70.4**	**83.0**	**89.7**	**98.0**	**111.1**	**121.8**	**131.0**	**140.4**	**151.5**	**166.2**
Percent of GNP [4]	5.0	6.3	7.3	7.5	7.3	7.2	7.6	7.5	7.3	7.1	6.7	NA
Current expenditures [5]	20.2	37.6	60.8	73.7	81.0	88.0	100.0	110.4	118.9	131.0	138.8	153.9
Capital outlay [6]	4.5	7.6	9.6	9.3	8.7	10.0	11.1	11.4	12.1	9.4	12.7	12.3
Public	**19.7**	**35.3**	**56.8**	**67.4**	**72.8**	**80.1**	**91.3**	**100.2**	**107.6**	**114.6**	**124.4**	**135.3**
Percent of total	79.8	78.1	80.7	81.2	81.6	81.3	82.2	82.3	82.1	81.7	82.1	81.4
Current expenditures [5]	16.1	29.4	49.0	59.8	65.7	71.9	82.1	90.7	97.5	106.7	113.9	125.2
Elementary and secondary [7]	13.1	22.7	36.3	43.8	48.0	52.2	59.3	65.2	70.6	76.0	80.6	88.9
Higher education	3.0	6.7	12.7	16.0	17.7	19.7	22.8	25.5	26.9	30.7	33.3	36.3
Capital outlay [6]	3.6	5.9	7.8	7.6	7.1	8.2	9.2	9.5	10.1	7.9	10.5	10.1
Elementary and secondary [7]	2.8	3.8	4.7	4.5	4.1	5.0	5.7	5.9	6.2	5.2	6.4	6.1
Higher education	.8	2.1	3.1	3.1	3.0	3.2	3.5	3.6	3.9	2.7	4.1	4.0
Nonpublic	**5.0**	**9.9**	**13.6**	**15.6**	**16.9**	**17.9**	**19.8**	**21.6**	**23.4**	**25.7**	**27.1**	**30.9**
Current expenditures [5]	4.1	8.2	11.8	13.9	15.3	16.1	17.9	19.7	21.4	24.3	24.9	28.7
Elementary and secondary [7]	1.7	3.0	4.2	5.0	5.7	5.9	6.6	7.3	8.0	9.0	9.3	11.1
Higher education	2.4	5.2	7.6	8.9	9.6	10.2	11.3	12.4	13.4	15.2	15.6	17.6
Capital outlay [6]	.9	1.7	1.8	1.7	1.6	1.8	1.9	1.9	2.0	1.5	2.2	2.2
Elementary and secondary [7]	.4	.5	.5	.5	.5	.6	.6	.7	.7	.6	.7	.8
Higher education	.5	1.2	1.3	1.2	1.1	1.2	1.3	1.2	1.3	.9	1.5	1.4

NA Not available. [1] Data are projections. [2] Excludes schools of nursing not affiliated with colleges and universities. [3] Excludes residential schools for exceptional children. [4] GNP=Gross national product; see section 14. Data are for fiscal years ending in years shown. [5] Includes interest. [6] Includes plant expansion. [7] See footnote 1, table 222.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Projections of Education Statistics to 1987–88.*

No. 222. School Expenditures, by Source of Funds: 1960 to 1980

[See headnote, table 221]

TYPE OF SCHOOL AND SOURCE OF FUNDS	TOTAL (bil. dol.)										PERCENT			
	1960	1966	1970	1974	1975	1976	1977	1978	1979, est.	1980, est.	1960	1970	1975	1980, est.
Total	**24.7**	**45.2**	**70.4**	**98.0**	**111.1**	**121.8**	**131.0**	**140.4**	**151.5**	**166.2**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	1.7	5.0	7.5	10.2	12.1	13.0	14.4	14.6	16.2	17.2	6.9	10.7	10.9	10.3
State	7.2	13.1	22.2	33.3	38.7	43.9	47.5	51.1	54.8	61.3	29.1	31.5	34.8	36.9
Local	9.7	15.1	22.6	29.8	33.2	35.1	37.1	39.1	42.7	45.2	39.3	32.1	29.9	27.2
All other	6.1	12.0	18.1	24.7	27.1	29.8	32.0	35.6	37.8	42.5	24.7	25.7	24.4	25.6
Public	19.7	35.3	56.8	80.1	91.3	100.2	107.6	114.6	124.4	135.3	79.8	80.7	82.2	81.4
Federal	1.2	3.6	5.8	8.3	9.8	10.5	11.7	11.7	13.1	13.8	4.8	8.2	8.8	8.3
State	7.2	13.0	22.1	33.0	38.4	43.6	47.2	50.8	54.4	60.9	29.1	31.4	34.6	36.6
Local	9.7	15.1	22.5	29.7	33.1	35.0	37.0	39.0	42.6	45.1	39.3	32.0	29.8	27.1
All other	1.6	3.6	6.4	9.1	10.0	11.1	11.7	13.2	14.3	15.5	6.5	9.1	9.0	9.3
Nonpublic	5.0	9.9	13.6	17.9	19.8	21.6	23.4	25.7	27.1	30.9	20.2	19.3	17.8	18.6
Federal	.5	1.4	1.7	1.9	2.3	2.5	2.7	2.9	3.1	3.4	2.0	2.4	2.1	2.0
State and local	(Z)	.1	.2	.4	.4	.4	.4	.4	.5	.5	(Z)	.2	.4	.3
All other	4.5	8.4	11.7	15.6	17.1	18.7	20.3	22.4	23.5	27.0	18.2	16.6	15.4	16.2
Elementary and secondary [1]	**18.0**	**30.0**	**45.7**	**63.7**	**72.2**	**79.1**	**85.5**	**90.9**	**97.0**	**107.1**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	.7	2.1	3.4	5.1	6.0	6.5	7.4	7.7	7.9	9.1	3.9	7.4	8.3	8.5
State	5.6	9.6	15.8	23.6	27.2	31.1	34.0	36.0	38.3	42.9	31.1	34.6	37.7	40.1
Local	9.5	14.7	21.7	28.4	31.7	33.4	35.3	37.3	40.6	43.1	52.8	47.5	43.9	40.2
Public	15.9	26.5	41.0	57.2	65.0	71.1	76.8	81.2	87.0	95.4	88.3	89.7	90.0	89.1
Federal	.7	2.1	3.4	5.1	6.0	6.5	7.4	7.7	7.9	9.1	3.9	7.4	8.3	8.5
State	5.6	9.6	15.8	23.6	27.2	31.1	34.0	36.0	38.3	42.9	31.1	34.6	37.7	40.1
Local	9.5	14.7	21.7	28.4	31.7	33.4	35.3	37.3	40.6	43.1	52.8	47.5	43.9	40.2
All other	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.6	.2	.1	.3
Nonpublic	2.1	3.5	4.7	6.5	7.2	8.0	8.7	9.6	10.0	11.7	11.7	10.3	10.0	10.9
Institutions of higher education	**6.7**	**15.2**	**24.7**	**34.3**	**38.9**	**42.7**	**45.5**	**49.5**	**54.5**	**59.1**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	1.0	2.9	4.1	5.1	6.1	6.5	7.0	6.8	8.3	8.1	14.9	16.6	15.7	13.7
State	1.6	3.5	6.4	9.7	11.5	12.8	13.5	15.1	16.5	18.4	23.9	25.9	29.6	31.1
Local	.2	.4	.9	1.4	1.5	1.7	1.8	1.8	2.1	2.1	3.0	3.6	3.9	3.6
All other	3.9	8.4	13.3	18.1	19.8	21.7	23.2	25.8	27.6	30.5	58.2	53.9	50.9	51.6
Public	3.8	8.8	15.8	22.9	26.3	29.1	30.8	33.4	37.4	39.9	56.7	64.0	67.6	67.5
Federal	.5	1.5	2.4	3.2	3.8	4.0	4.3	4.0	5.2	4.7	7.5	9.7	9.8	8.0
State	1.6	3.4	6.3	9.4	11.2	12.5	13.2	14.8	16.1	18.0	23.9	25.5	28.8	30.5
Local	.2	.4	.8	1.3	1.4	1.6	1.7	1.7	2.0	2.0	3.0	3.2	3.6	3.4
All other	1.5	3.5	6.3	9.0	9.9	11.0	11.6	13.0	14.1	15.2	22.4	25.5	25.4	25.7
Nonpublic	2.9	6.4	8.9	11.4	12.6	13.6	14.7	16.1	17.1	19.2	43.3	36.0	32.4	32.5
Federal	.5	1.4	1.7	1.9	2.3	2.5	2.7	2.9	3.1	3.4	7.5	6.9	5.9	5.8
State and local	(Z)	.1	.2	.4	.4	.4	.4	.4	.5	.5	(Z)	.8	1.0	.8
All other	2.4	4.9	7.0	9.1	9.9	10.7	11.6	12.6	13.5	15.3	35.8	28.3	25.4	25.9

Z Less than $50 million or less than .05 percent. [1] Includes, in addition to regular schools, "other" schools such as residential schools for exceptional children, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

No. 223. Federal Outlays for Education and Related Activities: 1960 to 1980

[**In millions of dollars.** Years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See headnote, table 224]

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS						Other outlays for education and related activities
	Total	Grants				Loans, higher education	
		Total	Elementary, secondary	Higher education	Vocational technical		
1960	1,734	1,493	490	830	173	240	2,267
1966	5,844	5,232	2,037	2,272	923	612	3,820
1970	9,236	8,728	3,206	3,911	1,611	508	3,417
1972	11,782	11,433	3,840	5,172	2,421	349	4,516
1973	12,696	12,350	4,041	5,965	2,344	346	4,706
1974	13,090	12,739	4,140	6,064	2,535	352	4,847
1975	17,604	17,125	4,884	7,992	4,248	480	5,863
1976	19,553	19,157	4,679	9,675	4,803	396	6,235
1977	18,788	18,466	4,973	8,899	4,594	322	7,539
1978	21,606	20,804	5,715	9,386	5,703	802	7,373
1979, est	25,577	24,169	6,483	9,768	7,918	1,408	7,871
1980, est	25,618	24,392	7,090	9,739	7,563	1,226	8,279

Source of tables 222 and 223: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 224. Federal Outlays for Education and Related Activities: 1970 to 1980

[**In millions of dollars, except percent.** For years ending **June** 30 except, beginning **1977**, ending **September** 30. Includes Puerto Rico and outlying areas. Minus sign (–) denotes repayments exceeding new loans for data on loans and decrease for percent change. For explanation of *average annual percent change*, see Guide to Tabular Presentation]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1974	1975	1976	1977	1978	1979, est.	1980, est.
Federal outlays supporting education in educational institutions, total	**9,236**	**13,090**	**17,604**	**19,553**	**18,788**	**21,607**	**25,577**	**25,618**
Average annual percent change [1]	8.4	9.1	34.5	11.1	–3.9	15.0	18.4	2
Grants	**8,728**	**12,739**	**17,125**	**19,157**	**18,466**	**20,805**	**24,169**	**24,392**
Elementary-secondary education [2]	3,206	4,140	4,884	4,679	4,973	5,715	6,483	7,090
School assistance—Fed. affected areas	656	559	619	599	765	766	800	619
Assistance for educationally deprived [3]	1,208	1,534	2,765	2,647	2,856	3,408	3,944	4,648
Economic opportunity [4]	534	730						
Supporting services [5]	296	274	361	336	377	398	380	364
Teacher Corps	18	33	39	24	3	8	15	13
Vocational education	181	290	351	388	309	297	374	423
Dependents' schools abroad	137	218	235	237	280	297	326	358
Public lands revenue for schools	82	110	149	131	93	256	275	319
Assistance in special areas [6]	79	160	136	118	84	79	69	67
Emergency school assistance	–	185	197	172	181	169	258	234
Higher education	[2] 3,911	6,064	7,992	9,675	8,899	9,386	9,768	9,739
Basic research in U.S. educational institutions proper [7]	984	1,300	1,271	1,421	1,638	2,111	2,432	2,642
Research facilities [7]	225	183	168	225	312	431	493	482
Training grants, fellowships, traineeships	896	998	1,082	1,037	985	1,126	1,065	925
Facilities and equipment	513	263	336	296	329	169	118	100
Other institutional support	178	364	428	488	458	474	555	577
Other student assistance	1,102	2,956	4,708	6,209	5,177	5,075	5,105	5,012
Vocational-technical and continuing	1,611	2,535	4,248	4,803	4,594	5,703	7,918	7,563
Vocational, technical and work training [8]	1,269	1,495	3,037	3,405	3,575	4,964	7,274	7,051
Veterans education	251	868	1,013	1,125	779	498	391	274
General continuing education [9]	66	148	152	208	190	187	201	196
Training of Federal, State, and local government personnel	25	24	47	65	51	54	52	42
Loans, higher education	**508**	**352**	**480**	**396**	**322**	**802**	**1,408**	**1,226**
Student loan program, NDEA [10]	197	363	449	420	378	748	1,428	1,246
College facilities loans [11]	311	–11	31	–24	–57	55	–20	–20
Other Federal outlays for education and related activities, total	**3,417**	**4,847**	**5,863**	**6,135**	**7,539**	**7,373**	**7,871**	**8,279**
Average annual percent change [1]	–1.8	9.1	21.0	4.6	22.9	–2.2	6.8	5.2
Applied research and development [7]	1,240	1,709	2,067	2,166	2,575	2,614	2,844	2,935
School lunch and milk programs	676	1,267	1,832	1,890	2,792	2,665	2,783	2,939
Training of Federal military personnel	676	968	996	975	1,037	1,033	1,111	1,136
Professional training, military	492	720	727	694	754	739	776	801
U.S. military academies	184	247	270	282	282	294	335	335
Library services	170	207	228	250	211	221	256	264
International education	193	95	93	74	105	81	120	145
Educational exchange program	31	31	32	33	35	25	30	38
Agency for Int'l Development projects	111	47	45	33	46	44	71	85
ACTION [12] and other	51	17	16	8	24	12	19	22
Other [2]	460	602	646	780	819	758	758	865
Agricultural extension service	125	193	219	219	239	240	239	231
Educational television facilities [13]	19	22	65	79	110	129	125	152
Education in Fed. correct'l institutions	5	10	11	12	7	5	6	6
Surplus personal property transferred [14]	246	256	216	295	262	197	216	238
Surplus real property transferred [15]	12	18	37	22	29	13	6	61

– Represents zero. [1] For 1970, change from 1968; for 1974, change from 1970. [2] Includes other outlays not shown separately. [3] Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kendall School for the Deaf, and Model School for the Deaf. [4] Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

[5] Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

[6] Comprises funds for District of Columbia, Canal Zone (beginning 1980 excludes Canal Zone), territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas. [7] Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities*. Higher education data include university operated research and development centers.

[8] Comprises adult vocational education and manpower training programs.

[9] Comprises Office of Education, ACTION (see footnote 12), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education. [10] Comprises National Defense Education Act and insured student loans. [11] Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

[12] Previously Peace Corps. [13] Includes education broadcasting facilities. [14] Acquisition cost. [15] Fair value.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 225. ENROLLMENT IN PUBLIC AND NONPUBLIC SCHOOLS, BY LEVEL: 1965 TO 1978, AND PROJECTIONS, 1980 AND 1985

[**In thousands.** As of **fall.** Elementary covers kindergarten through 8th grade; secondary, grades 9 through 12 and postgraduates in secondary schools. Both are for regular day schools. Data exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1980	1985
Total	**54,394**	**59,890**	**59,931**	**60,277**	**60,976**	**60,328**	**59,863**	**58,670**	**57,407**	**55,106**
Public	46,143	52,337	52,849	53,042	53,626	52,969	52,423	51,395	49,820	47,522
Nonpublic	8,251	7,553	7,083	7,235	7,350	7,359	7,437	7,475	7,587	7,584
Elementary	35,463	36,677	34,953	34,521	34,087	33,606	32,936	32,055	30,989	30,248
Public	30,563	32,577	31,353	30,921	30,487	30,006	29,336	28,455	27,389	26,448
Nonpublic	4,900	4,100	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,800
Secondary	13,010	14,632	15,377	15,532	15,704	15,710	15,640	15,556	14,807	13,500
Public	11,610	13,332	14,077	14,132	14,304	14,310	14,240	14,156	13,307	12,100
Nonpublic	1,400	1,300	1,300	1,400	1,400	1,400	1,400	1,400	1,500	1,400
College	5,921	8,581	9,602	10,224	11,185	11,012	11,286	11,259	11,611	11,358
Public	3,970	6,428	7,420	7,989	8,835	8,653	8,847	8,784	9,124	8,974
Nonpublic	1,951	2,153	2,183	2,235	2,350	2,359	2,437	2,475	2,487	2,384

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1987-88;* and unpublished data.

NO. 226. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1979

[**In millions, except percent.** See headnote, table 227]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High school	College	Total	Nursery	Kindergarten	Elementary	High school	College
1960	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1976	52.4	.5	3.0	26.7	14.5	7.7	8.1	1.1	.5	3.1	1.2	2.2
1977	51.6	.6	2.7	26.0	14.5	7.9	8.4	1.1	.5	3.3	1.2	2.3
1978	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
Percent White:												
1960	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3

NA Not available.

NO. 227. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1979

[**In millions.** As of **Oct.** For **1960,** covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS [1]			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1973	59.4	30.9	28.5	34.5	17.7	16.8	15.3	7.8	7.5	8.2	4.7	3.5
1974	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0

[1] Beginning 1965, includes nursery schools, not shown separately.

Source of tables 226 and 227: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 346, and earlier reports; and unpublished data.

No. 228. School Enrollment—Elementary, Secondary, and Higher Education, by States and Other Areas: 1975 to 1978

[**In thousands. As of fall of year.** Public elementary refers to preprimary through grade 8; secondary, to grades 9-12 and postgraduates; includes unclassified. Data for nonpublic elementary and secondary schools not revised; for revised U.S. totals, see table 225. See also Appendix III]

State or other area	Elementary [1]				Secondary [1]				Higher education [5]			
	Public		Nonpublic [2 3]		Public		Nonpublic [3]		Public		Nonpublic	
	1975	1978 [4]	1975	1977	1975	1978 [4]	1975	1977	1975	1978 [4]	1975	1978 [4]
United States	**30,545**	**28,455**	**3,400**	**2,796**	**14,294**	**14,156**	**1,200**	**965**	**[6] 8,835**	**[6] 8,786**	**2,350**	**2,474**
New England	**1,749**	**1,575**	**239**	**155**	**807**	**775**	**126**	**102**	**372**	**366**	**336**	**347**
Maine	172	163	10	7	79	78	8	7	31	30	9	11
New Hampshire	120	117	17	3	54	55	8	6	24	23	17	18
Vermont	73	70	6	3	31	32	6	4	17	18	12	12
Massachusetts	[4] 813	721	121	78	385	360	59	46	174	169	211	216
Rhode Island	121	108	24	18	55	53	9	7	32	33	32	30
Connecticut	450	397	61	46	203	197	37	32	94	93	55	59
Middle Atlantic	**4,760**	**4,211**	**1,007**	**789**	**2,345**	**2,267**	**348**	**271**	**1,129**	**1,059**	**643**	**678**
New York	[4] 2,281	2,000	497	385	1,120	1,094	173	121	614	542	391	414
New Jersey	[4] 998	884	180	142	460	453	55	52	228	237	69	72
Pennsylvania	1,481	1,327	330	263	765	720	120	98	287	281	183	192
East No. Central	**5,969**	**5,325**	**898**	**690**	**2,856**	**2,788**	**293**	**211**	**1,588**	**1,616**	**383**	**395**
Ohio	1,535	1,397	212	184	757	706	75	63	337	351	99	100
Indiana	851	721	75	50	375	393	21	14	159	168	54	54
Illinois	1,539	1,395	300	201	731	705	98	60	444	465	140	146
Michigan	1,419	1,253	174	126	654	658	65	45	437	423	60	63
Wisconsin	625	560	136	130	339	327	34	29	211	209	30	32
West No. Central	**2,315**	**2,132**	**278**	**235**	**1,188**	**1,136**	**78**	**78**	**611**	**623**	**175**	**188**
Minnesota	573	513	83	63	307	295	22	16	149	149	36	40
Iowa	408	369	46	39	204	199	18	16	84	89	38	40
Missouri	646	594	82	83	319	306	11	28	159	152	65	69
North Dakota	84	78	8	7	48	44	3	2	28	30	2	2
South Dakota	100	90	8	6	51	48	3	2	22	23	8	8
Nebraska	210	194	28	23	105	103	12	10	61	67	13	15
Kansas	294	293	24	13	154	140	8	3	108	114	13	14
South Atlantic	**4,900**	**4,706**	**281**	**247**	**2,201**	**2,176**	**114**	**83**	**1,242**	**1,278**	**306**	**332**
Delaware	84	70	12	10	43	41	5	5	27	26	5	4
Maryland	607	536	77	65	274	274	28	23	177	187	29	28
Dist. of Col	94	80	12	11	36	34	9	5	15	14	69	68
Virginia	759	731	40	28	344	324	20	10	215	226	29	32
West Virginia	283	270	7	7	121	126	4	3	68	68	11	11
North Carolina	818	801	20	13	367	362	5	3	201	205	50	58
South Carolina	443	429	22	11	186	196	5	3	108	102	25	28
Georgia	751	762	19	17	340	332	10	5	143	139	31	36
Florida	1,061	1,027	72	85	490	487	29	27	288	311	57	66
East So. Central	**1,977**	**1,943**	**135**	**96**	**863**	**878**	**63**	**37**	**481**	**484**	**91**	**103**
Kentucky	475	478	41	45	217	215	15	16	105	108	20	25
Tennessee	626	616	20	19	251	257	11	13	140	149	42	46
Alabama	520	510	37	20	239	252	12	4	146	141	19	21
Mississippi	356	340	37	12	156	154	24	4	90	87	10	11
West So. Central	**3,309**	**3,278**	**194**	**185**	**1,401**	**1,451**	**65**	**53**	**854**	**897**	**134**	**133**
Arkansas	317	314	8	7	139	143	3	2	56	62	9	10
Louisiana	592	566	94	84	255	251	33	27	132	130	21	22
Oklahoma	408	399	8	6	186	190	3	2	124	128	22	21
Texas	1,992	2,000	84	88	821	867	26	22	542	577	82	79
Mountain	**1,532**	**1,550**	**71**	**68**	**709**	**731**	**25**	**19**	**517**	**528**	**64**	**69**
Montana	115	109	7	4	57	55	3	2	28	28	3	3
Idaho	133	139	4	3	63	64	2	1	31	31	8	9
Wyoming	59	65	2	2	29	29	(Z)	(Z)	18	20	–	–
Colorado	384	374	24	18	185	184	8	6	136	138	13	15
New Mexico	183	187	9	11	91	92	3	3	48	52	4	4
Arizona	[4] 350	350	20	24	143	160	7	5	169	172	5	5
Utah	212	228	3	2	97	97	1	1	57	55	31	34
Nevada	96	97	2	4	44	50	1	1	30	33	(z)	(z)
Pacific	**4,030**	**3,735**	**298**	**332**	**1,919**	**1,954**	**89**	**110**	**2,007**	**1,916**	**214**	**230**
Washington	530	513	30	25	255	256	12	8	203	249	25	26
Oregon	321	318	17	13	156	154	6	5	130	130	15	17
California	2,993	2,729	237	277	1,427	1,459	66	92	1,618	1,468	170	183
Alaska	65	63	(Z)	1	25	28	(Z)	(Z)	13	26	1	(Z)
Hawaii	121	113	14	16	56	57	6	5	43	44	3	4
Other areas [7]	**524**	**557**	**46**	**(NA)**	**247**	**194**	**19**	**(NA)**	**62**	**57**	**44**	**75**
Puerto Rico	467	534	38	(NA)	230	187	16	(NA)	53	49	44	75
Virgin Islands	20	19	3	(NA)	5	6	1	(NA)	2	2	–	–

– Represents zero. NA Not available. Z Fewer than 500. [1] Excludes data for private residential schools for exceptional children and subcollegiate departments of higher education. [2] Elementary includes middle schools. [3] Excludes combined elementary and secondary schools. [4] Estimated. [5] See headnote, table 279. [6] Includes U.S. military academies not shown separately. [7] 1978 elementary and secondary includes Commonwealth of the Northern Marianas, other data shown include American Samoa, Canal Zone, Guam, and Trust Territories of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and unpublished data.

No. 229. School Enrollment, by Age, Sex, and Race: 1965 to 1979

[**In thousands.** As of **October.** Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population and are based on Current Population Survey; see text, p. 1. See *Historical Statistics, Colonial Times to 1970,* series H 442-476, for enrollment 5 to 34 years old]

Year and age	Total [1]		Male		Female		White		Black	
	Population	Enrollment	Population	Enrollment	Population	Enrollment	Population	Enrollment	Population	Enrollment
1965, total	**98,497**	**54,699**	**48,468**	**28,519**	**50,031**	**26,180**	**85,380**	**47,450**	**12,098**	**6,675**
3 and 4 years	8,387	886	4,281	438	4,106	448	7,073	731	[2] 1,314	[2] 155
5 and 6 years	8,293	7,039	4,215	3,577	4,078	3,462	7,058	6,054	1,138	900
7–9 years	12,248	12,164	6,221	6,180	6,027	5,984	10,489	10,423	1,645	1,627
10–13 years	15,381	15,286	7,808	7,752	7,573	7,534	13,238	13,159	2,005	1,991
14 and 15 years	7,059	6,980	3,581	3,546	3,478	3,434	6,096	6,034	900	883
16 and 17 years	6,925	6,053	3,487	3,067	3,438	2,986	6,027	5,293	809	679
18 and 19 years	6,329	2,930	3,040	1,689	3,289	1,241	5,576	2,628	674	267
20–24 years	12,445	2,360	5,640	1,559	6,805	801	10,929	2,206	1,367	123
25–34 years	21,432	1,001	10,195	711	11,237	290	18,893	922	2,246	50
1970, total	**106,996**	**60,357**	**52,627**	**31,413**	**54,369**	**28,944**	**92,029**	**51,719**	**13,633**	**7,829**
3 and 4 years	7,135	1,461	3,641	771	3,494	691	5,922	1,181	1,100	250
5 and 6 years	7,820	7,000	3,988	3,545	3,832	3,455	6,530	5,899	1,176	999
7–9 years	12,550	12,462	6,400	6,355	6,149	6,107	10,570	10,495	1,801	1,789
10–13 years	16,618	16,481	8,432	8,333	8,186	8,148	14,191	14,069	2,225	2,209
14 and 15 years	8,019	7,869	4,065	3,992	3,954	3,877	6,884	6,761	1,050	1,025
16 and 17 years	7,699	6,927	3,875	3,539	3,824	3,388	6,633	6,008	977	837
18 and 19 years	6,958	3,322	3,349	1,821	3,609	1,501	6,009	2,924	878	352
20–24 years	15,594	3,359	7,036	2,062	8,558	1,297	13,599	3,055	1,814	258
25–34 years	24,603	1,477	11,840	996	12,763	480	21,691	1,326	2,612	109
1975, total	**113,445**	**60,969**	**56,289**	**31,555**	**57,156**	**29,414**	**96,815**	**51,430**	**14,543**	**8,400**
3 and 4 years	6,676	2,101	3,409	1,052	3,267	1,049	5,518	1,697	1,007	344
5 and 6 years	6,956	6,590	3,546	3,346	3,410	3,244	5,795	5,494	1,029	972
7–9 years	10,354	10,287	5,277	5,236	5,078	5,051	8,654	8,600	1,505	1,494
10–13 years	15,936	15,817	8,119	8,031	7,817	7,786	13,387	13,292	2,286	2,265
14 and 15 years	8,453	8,300	4,300	4,231	4,153	4,070	7,145	7,023	1,182	1,151
16 and 17 years	8,313	7,398	4,201	3,811	4,112	3,587	7,043	6,289	1,137	987
18 and 19 years	8,024	3,765	3,891	1,940	4,133	1,825	6,855	3,185	1,030	485
20–24 years	18,363	4,121	8,833	2,334	9,530	1,786	15,848	3,603	2,183	435
25–34 years	30,370	2,589	14,714	1,573	15,656	1,016	26,571	2,247	3,186	266
1979, total	**114,904**	**57,854**	**57,059**	**29,535**	**57,845**	**28,319**	**97,254**	**48,225**	**15,117**	**8,317**
3 and 4 years	6,094	2,138	3,115	1,077	2,980	1,061	4,991	1,694	944	385
5 and 6 years	6,105	5,846	3,119	3,003	2,986	2,843	4,982	4,773	954	916
7–9 years	10,259	10,179	5,238	5,186	5,021	4,993	8,468	8,404	1,548	1,538
10–13 years	14,087	13,966	7,177	7,099	6,911	6,867	11,692	11,603	2,099	2,072
14 and 15 years	7,839	7,691	3,988	3,922	3,851	3,769	6,537	6,419	1,152	1,122
16 and 17 years	8,157	7,279	4,137	3,758	4,020	3,521	6,845	6,092	1,157	1,051
18 and 19 years	8,214	3,693	4,023	1,874	4,191	1,819	6,980	3,106	1,072	500
20–24 years	19,760	4,290	9,548	2,229	10,212	2,061	16,915	3,723	2,438	455
25–34 years	34,389	2,773	16,715	1,388	17,674	1,385	29,844	2,411	3,752	278

[1] Includes races not shown separately. [2] Black and other races.

No. 230. Percent Enrolled in School, by Age, Sex, and Race: 1970 to 1979

[See headnote, table 229]

Item	3–4 years	5–6 years	7–9 years	10–13 years	14–15 years	16–17 years	18–19 years	20–24 years	25–34 years
1970, total [1]	**20.5**	**89.5**	**99.3**	**99.2**	**98.1**	**90.0**	**47.7**	**21.5**	**6.0**
Male	21.2	88.9	99.3	98.8	98.2	91.3	54.4	29.3	8.4
Female	19.8	90.2	99.3	99.5	98.1	88.6	41.6	15.2	3.8
White	19.9	90.3	99.3	99.1	98.2	90.6	48.7	22.5	6.1
Black	22.7	84.9	99.3	99.3	97.6	85.7	40.1	14.2	4.2
1975, total [1]	**31.5**	**94.7**	**99.4**	**99.3**	**98.2**	**89.0**	**46.9**	**22.4**	**8.5**
Male	30.9	94.4	99.2	98.9	98.4	90.7	49.9	26.4	10.7
Female	32.1	95.1	99.5	99.6	98.0	87.2	44.2	18.7	6.5
White	30.8	94.8	99.4	99.3	98.3	89.3	46.5	22.7	8.5
Black	34.2	94.5	99.3	99.1	97.4	86.8	47.1	19.9	8.3
1979, total [1]	**35.1**	**95.8**	**99.2**	**99.1**	**98.1**	**89.2**	**45.0**	**21.7**	**8.1**
Male	34.6	96.3	99.0	98.9	98.3	90.8	46.6	23.3	8.3
Female	35.6	95.2	99.4	99.4	97.9	87.6	43.4	20.2	7.8
White	33.9	95.8	99.2	99.2	98.2	89.0	44.5	22.0	8.1
Black	40.8	96.0	99.4	98.7	97.4	90.8	46.6	18.7	7.4

[1] Includes races not shown separately.

Source of tables 229 and 230: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 346 and earlier reports; and unpublished data.

No. 231. School Enrollment, by Race, Level, and Age: 1965 to 1979

[In thousands, except percent. As of October. For grade levels, see headnote, table 227. Minus sign (–) denotes decrease]

Year and age	White				Black			
	Total enrolled [1]	Elementary	High school	College	Total enrolled [1]	Elementary	High school	College
1965, total	**47,460**	**30,327**	**11,356**	**5,317**	**6,675**	**4,866**	**1,472**	**274**
3 and 4 years	731	318	–	–	[2] 155	[2] 92	–	–
5–13 years	29,636	29,170	427	–	4,518	4,479	39	–
14–17 years	11,327	825	10,269	233	1,561	285	1,246	30
18–24 years	4,834	6	616	4,213	391	4	177	210
25–34 years	922	8	44	871	50	6	10	34
1970, total	**51,719**	**31,348**	**12,723**	**6,759**	**7,829**	**5,294**	**1,834**	**522**
3 and 4 years	1,181	358	–	–	250	95	–	–
5–13 years	30,460	30,066	327	–	4,997	4,915	61	–
14–17 years	12,769	898	11,639	230	1,862	279	1,558	21
18–24 years	5,979	14	661	5,304	610	5	188	416
25–34 years	1,326	5	95	1,224	109	–	23	85
1975, total	**51,430**	**28,257**	**13,225**	**8,514**	**8,400**	**4,978**	**2,201**	**948**
3 and 4 years	1,697	357	–	–	344	94	–	–
5–13 years	27,387	27,004	295	–	4,731	4,647	60	–
14–17 years	13,312	880	12,176	253	2,138	231	1,873	34
18–24 years	6,789	8	666	6,115	920	4	252	665
25–34 years	2,246	12	90	2,147	266	2	16	248
1978, total	**48,843**	**25,973**	**12,893**	**8,514**	**8,416**	**4,809**	**2,278**	**1,020**
3 and 4 years	1,622	249	–	–	385	93	–	–
5–13 years	25,353	24,968	300	–	4,566	4,501	45	–
14–17 years	12,859	737	11,892	229	2,208	207	1,964	38
18–24 years	6,738	13	644	6,077	958	8	256	694
25–34 years	2,271	6	57	2,207	300	–	13	288
1979, total	***48,225***	***25,396***	***12,583***	***8,709***	***8,317***	***4,792***	***2,245***	***1,003***
3 and 4 years	1,694	255	–	–	385	125	–	–
5–13 years	24,780	24,441	244	–	4,526	4,440	68	–
14–17 years	12,511	684	11,572	258	2,173	221	1,908	43
18–24 years	6,829	10	699	6,122	955	4	256	697
25–34 years	2,411	10	68	2,331	278	3	12	263
Percent change in total:								
1965–1970	9.1	3.4	12.0	27.1	17.3	9.5	24.6	90.5
1970–1975	–.6	–9.9	3.9	26.0	7.3	–6.5	20.0	81.6
1975–1979	–6.2	–10.1	–4.9	2.3	–1.0	–3.7	2.0	5.8

– Represents zero. [1] Includes nursery schools, not shown separately. [2] Data for Black and other races.

No. 232. Percent Enrolled in School, by Level, by Sex and Age: 1979

Sex and age	Civilian population [1] (1,000)	Percent enrolled (October)						Percent not enrolled		
		Total	Nursery school	Kindergarten	Elementary, grades 1–8	Secondary, grades 9–12	College	Total	High school graduate	Not high school graduate
Male	**57,059**	**51.8**	**1.7**	**2.8**	**25.1**	**13.5**	**8.8**	**48.2**	**35.3**	**13.0**
3 and 4 years	3,115	34.6	28.3	6.3	–	–	–	65.4	(X)	(X)
5 and 6 years	3,119	96.3	2.0	44.2	50.1	–	–	3.7	(X)	(X)
7–13 years	12,415	99.0	–	–	97.8	1.2	–	1.0	(X)	(X)
14–17 years	8,125	94.5	–	–	7.5	85.5	1.6	5.5	.6	4.8
18–24 years	13,571	30.2	–	–	–	4.3	25.8	69.8	52.7	17.1
25–29 years	8,753	10.4	–	–	–	.1	10.2	89.6	75.9	13.7
30–34 years	7,962	6.0	–	–	–	.2	5.8	94.0	79.0	15.0
Female	**57,845**	**49.0**	**1.6**	**2.5**	**23.4**	**12.8**	**8.6**	**51.0**	**38.1**	**12.9**
3 and 4 years	2,980	35.6	29.0	6.6	–	–	–	64.4	(X)	(X)
5 and 6 years	2,986	95.2	2.0	42.0	51.2	–	–	4.8	(X)	(X)
7–13 years	11,932	99.4	–	–	97.9	1.5	–	.6	(X)	(X)
14–17 years	7,871	92.6	–	–	4.0	86.2	2.3	7.4	1.6	5.8
18–24 years	14,403	26.9	–	–	–	2.7	24.2	73.1	57.5	15.6
25–29 years	9,259	8.8	–	–	.1	.3	8.5	91.2	77.3	13.9
30–34 years	8,415	6.7	–	–	–	.4	6.3	93.3	77.0	16.3

– Represents zero. X Not applicable. [1] Noninstitutional only.

Source of tables 231 and 232: U.S. Bureau of the Census. *Current Population Reports*, series P-20, No. 346 and earlier reports; and unpublished data.

NO. 233. SELECTED CHARACTERISTICS OF PERSONS 5 TO 17 YEARS OLD ENROLLED IN SCHOOL AND ENROLLED BELOW THE MODAL GRADE LEVEL: 1976

[*As of* **spring.** *Persons in families.* Modal grade is the grade or grades in which most children of a given age were enrolled; a 2-year grade span was used for each age (e.g., modal grades for age 8 were 2d and 3d year of elementary school). Based on Survey of Income and Education; see Appendix III]

CHARACTERISTIC	PERSONS 5–13 YRS.			PERSONS 14–17 YRS.			CHARACTERISTIC	PERSONS 5–13 YRS.			PERSONS 14–17 YRS		
	Total (1,000)	Percent		Total (1,000)	Percent			Total (1,000)	Percent		Total (1,000)	Percent	
		Enrolled	Below the mode [1]		Enrolled	Below the mode [1]			Enrolled	Below the mode [1]		Enrolled	Below the mode [1]
Total	**32,800**	**95.5**	**4.6**	**16,410**	**95.9**	**10.0**	Language spoken:						
							English	31,293	95.7	4.2	16,025	95.4	9.5
White	27,434	95.5	4.1	13,859	96.1	8.9	Spanish	1,093	92.5	8.8	478	86.6	30.9
Black	4,750	95.4	7.1	2,288	94.8	16.6	Asian [3]	107	96.3	7.8	41	97.6	(B)
Spanish [2]	2,295	94.7	6.4	956	92.1	22.5	Income:						
Male	*16,704*	*95.6*	*5.6*	8,417	*95.7*	*12.0*	Below poverty [4]	5,139	93.8	9.2	1,993	92.1	21.1
Female	16,094	95.4	3.3	7,994	96.1	8.0	Above poverty [4]	27,661	95.8	3.8	4,418	96.4	8.6

B Base less than minimum required for reliability. [1] Percent of enrolled. [2] Persons of Spanish origin may be of any race. [3] Includes Chinese, Filipino, Japanese, Korean, and Vietnamese. [4] For explanation, see p. 436.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–20, No. 337; and unpublished data.

NO. 234. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD, BY RACE AND AGE, AND BY LABOR FORCE STATUS OF MOTHER: 1967 TO 1979

[**As of October.** Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, p. 1]

RACE, AGE, AND LABOR FORCE STATUS	NUMBER OF CHILDREN (1,000)							PERCENT ENROLLED OF POPULATION			
	1967	1970	1975	1976	1977	1978	1979	1967	1970	1975	1979
Population, 3–5 years old	12,234	10,877	10,183	9,726	9,249	9,110	9,119	(x)	(x)	(x)	(x)
Total enrolled [1 2]	**3,864**	**4,075**	**4,954**	**4,790**	**4,577**	**4,584**	**4,664**	**31.6**	**37.5**	**48.6**	**51.1**
White	3,265	3,414	4,105	3,933	3,717	3,697	3,786	31.8	37.8	48.7	50.7
Black	535	585	731	745	728	749	750	29.8	34.9	48.1	53.3
3 years old	273	454	683	603	645	759	746	6.8	13.0	21.5	24.6
4 years old	870	1,003	1,418	1,348	1,290	1,313	1,393	21.3	27.9	40.5	45.4
5 years old	2,721	2,617	2,852	2,839	2,642	2,512	2,525	65.4	69.2	81.3	83.5
ALL RACES [2]											
With mother in labor force [3]	1,353	1,345	2,168	2,136	2,092	2,173	2,353	34.2	38.8	54.0	55.1
3 and 4 years old	466	526	973	898	992	1,017	1,139	18.1	23.5	38.0	40.5
5 years old	887	818	1,195	1,237	1,100	1,156	1,214	63.8	66.6	82.5	83.4
Married, spouse present	1,140	1,131	1,733	1,708	1,649	1,727	1,922	34.1	39.5	53.6	55.1
Other marital status	213	214	435	428	444	446	431	34.6	36.0	56.0	55.0
Employed	1,249	1,246	1,948	1,960	1,881	2,000	2,158	34.5	39.3	55.1	56.1
Full-time	817	770	1,236	1,254	1,240	1,309	1,416	33.9	38.6	55.1	55.5
Part-time	432	476	712	706	641	691	742	35.7	40.4	55.1	57.3
Mother not in labor force	2,448	2,694	2,704	2,589	2,385	2,286	2,196	30.2	37.0	45.1	47.6
WHITE											
With mother in labor force [3]	1,053	1,031	1,723	1,668	1,592	1,666	1,833	34.7	39.1	54.0	54.6
3 and 4 years old	340	374	740	667	740	750	872	17.4	22.1	36.6	39.3
5 years old	713	657	983	1,001	852	916	961	66.2	69.2	84.1	84.4
Married, spouse present	932	913	1,449	1,399	1,334	1,408	1,583	34.7	39.1	53.3	54.8
Other marital status	120	119	273	269	258	258	250	34.6	38.9	57.8	53.0
Employed	982	959	1,566	1,561	1,458	1,567	1,706	35.2	39.3	55.0	55.7
Full-time	613	557	941	936	912	959	1,068	33.8	38.2	54.3	54.9
Part-time	369	402	625	625	546	608	638	37.7	41.0	56.2	57.0
Mother not in labor force	2,166	2,354	2,331	2,220	2,057	1,945	1,867	30.5	37.4	45.3	47.5
BLACK											
With mother in labor force [3]	286	281	372	414	429	427	446	32.3	36.8	52.6	57.7
3 and 4 years old	122	138	191	202	214	231	235	20.7	27.3	41.0	46.2
5 years old	163	143	181	211	215	197	212	55.3	55.6	75.2	79.1
Married, spouse present	193	192	221	255	246	243	273	31.3	39.4	53.6	57.6
Other marital status	93	89	151	158	183	184	174	34.7	32.2	51.2	58.0
Employed	252	256	313	348	362	357	387	32.3	37.9	53.5	58.6
Full-time	194	195	244	282	292	289	307	34.4	39.0	56.7	58.2
Part-time	58	61	69	66	70	68	81	26.8	34.8	44.7	60.4
Mother not in labor force	236	298	330	312	269	286	277	26.9	33.9	44.1	47.9

X Not applicable. [1] Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. [2] *Includes races not shown separately.*
[3] Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–20, No. 318; and unpublished data.

No. 235. School Enrollment of Persons 5 to 17 Years Old, by Race and Residence: 1960 to 1979

[As of **October.** Beginning **1970,** includes nursery schools. For definition of standard metropolitan statistical area (SMSA), see Appendix II. 1960 to 1970 refer to 212 SMSA's as defined in 1960 census reports; 1975 to 1978 to 243 SMSA's as defined in 1970 census reports. Based on Current Population Survey; see text, p. 1]

Race and residence	Total enrolled (mil.)						Percent of total enrollment					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
White persons, total	**36.8**	**40.9**	**43.2**	**40.7**	**38.2**	**37.3**	**87.0**	**86.1**	**85.2**	**84.1**	**83.2**	**82.9**
Inside SMSA's	22.3	26.3	26.8	27.1	24.6	23.9	86.8	85.9	83.8	82.3	81.1	80.2
Inside central cities	9.6	9.8	9.2	9.4	7.9	7.5	78.7	74.2	70.2	68.7	65.7	64.7
Outside central cities	*12.6*	*16.5*	*17.6*	*17.8*	*16.7*	*16.4*	*94.0*	*94.8*	*93.6*	*91.8*	*91.2*	*90.1*
Outside SMSA's	14.5	14.6	16.4	13.6	13.6	13.4	86.8	86.9	87.7	88.0	87.1	88.2
Black and other, total	**5.5**	**6.6**	**7.5**	**7.7**	**7.7**	**7.7**	**13.0**	**13.9**	**14.8**	**15.9**	**16.8**	**17.1**
Inside SMSA's	3.4	4.3	5.2	5.9	5.7	5.9	13.2	14.1	16.3	17.7	18.9	19.8
Inside central cities	2.6	3.4	3.9	4.3	4.1	4.1	21.3	25.8	29.8	31.3	34.3	35.3
Outside central cities	.8	.9	1.2	1.6	1.6	1.8	6.0	5.2	6.4	8.2	8.8	9.9
Outside SMSA's	2.2	2.2	2.3	1.8	2.0	1.8	13.2	13.1	12.3	11.9	12.9	11.8

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 346 and earlier reports; and unpublished data.

No. 236. Years of School Completed, by Age and Race: *1940 to 1979*

[Through **1960,** as of **April 1.** 1940 based on complete count; 1950, on 20-percent sample; and 1960, on 25-percent sample. Beginning **1970,** as of **March,** based on Current Population Survey; see text, p. 1. Excludes Armed Forces, except members living off post or with families on post. Beginning **1975,** excludes inmates of institutions]

Age and year	All persons					Black persons				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]
	Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more		Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more	
25 years and over:										
1940	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970	44.8	5.3	55.2	11.0	12.2	66.3	15.1	33.7	4.5	9.9
1975	37.5	4.2	62.5	13.9	12.3	57.5	12.3	42.5	6.4	10.9
1979	32.2	3.5	67.7	16.4	12.5	50.6	9.6	49.4	7.9	11.9
25-29 years:										
1940	61.9	5.9	38.1	5.9	10.3	(NA)	27.7	11.6	1.6	7.0
1950	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970	24.6	1.1	75.4	16.4	12.6	43.9	2.5	56.2	7.3	12.2
1975	16.9	1.0	83.1	21.9	12.8	29.0	.5	71.0	10.7	12.5
1979	14.4	1.0	85.6	23.1	12.9	25.2	.8	74.7	12.4	12.6

NA Not available. [1] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1940, 1950, and 1960, vol. I; *Current Population Reports,* series P-20, Nos. 207, 295, and 314; and unpublished data.

No. 237. Percent of Population With Less Than 5 Years of School and With 4 Years of High School or More, by Age, Race, and Spanish Origin: 1970 to 1979

[Persons 25 years old and over. As of **April 1970** and **March 1975** and **1979]**

Race	Less than 5 years of school						4 years of high school or more					
	1970	1975	1979				1970	1975	1979			
			Total	25-34 yr.	35-64 yr.	65 yr. and over			Total	25-34 yr.	35-64 yr.	65 yr. and over
All races [1]	**5.5**	**4.2**	**3.5**	**1.1**	**2.7**	**9.1**	**52.3**	**62.5**	**67.7**	**84.7**	**68.7**	**40.1**
White	4.5	3.3	2.7	1.0	2.1	6.8	54.5	64.6	69.7	86.1	71.2	42.3
Black	14.6	12.3	9.6	1.3	7.6	31.9	31.4	42.5	49.4	73.4	45.7	17.0
Spanish origin [2]	19.5	18.5	17.6	10.0	17.6	44.9	32.1	37.9	42.0	54.3	38.7	15.9
Mexican	*28.5*	*24.6*	*23.9*	*13.6*	*24.9*	*64.3*	24.2	31.0	34.9	47.0	30.3	7.1
Puerto Rican	20.5	17.4	14.4	5.5	16.6	(B)	29.4	28.7	38.6	52.3	32.4	(B)
Cuban	8.2	7.3	6.9	–	4.9	19.3	43.9	51.7	50.4	76.0	51.2	26.9
Other [3]	8.8	7.6	6.7	2.5	6.1	20.5	44.9	58.0	60.8	76.8	58.5	27.3

B Not shown; base less than 75,000. – Represents zero or rounds to zero. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vols. I and II, *Current Population Reports,* series P-20, Nos. 283, 295, 328; and unpublished data.

NO. 238. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND SPANISH ORIGIN: 1960 TO 1979

[**Persons 25 years old and over.** Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 236. See also *Historical Statistics, Colonial Times to 1970,* series H 602-617]

YEAR, RACE, AND SEX	Persons 25 years old and over (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
1960, all races	**99,438**	**8.3**	**13.8**	**17.5**	**19.2**	**24.6**	**8.8**	**7.7**	**10.6**
White	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
1970, all races	**109,310**	**5.3**	**9.1**	**13.4**	**17.1**	**34.0**	**10.2**	**11.0**	**12.2**
White	98,112	4.2	8.3	13.6	16.5	35.2	10.7	11.6	12.2
Male	46,606	4.5	8.8	13.9	15.6	30.9	11.3	15.0	12.2
Female	51,506	3.9	7.8	13.4	17.3	39.0	10.1	8.6	12.2
Black	10,089	15.1	16.7	11.2	23.3	23.4	5.9	4.5	9.9
Male	4,619	18.6	16.0	11.1	21.9	22.2	5.7	4.6	9.6
Female	5,470	12.1	17.3	11.3	24.5	24.4	6.0	4.4	10.2
1975, all races	**116,897**	**4.2**	**7.4**	**10.3**	**15.6**	**36.2**	**12.4**	**13.9**	**12.3**
White	104,065	3.3	6.6	10.6	15.0	37.3	12.8	14.5	12.4
Male	49,259	3.6	6.8	10.5	14.0	39.1	13.6	18.4	12.5
Female	54,806	3.0	6.4	10.6	15.9	41.1	12.1	11.0	12.3
Black	11,096	12.3	14.3	8.5	22.3	27.1	9.0	6.4	10.9
Male	4,925	15.3	14.7	8.1	20.2	25.2	9.7	6.7	10.7
Female	6,171	9.8	14.0	8.9	24.0	28.6	8.5	6.2	11.1
Spanish origin	4,762	18.5	17.9	10.3	15.3	23.0	8.7	6.4	9.6
Male	2,258	18.2	17.1	10.0	15.3	21.1	10.1	8.3	9.8
Female	2,504	18.8	18.7	10.6	15.3	24.7	7.4	4.6	9.3
1979, all races	**125,295**	**3.5**	**6.2**	**8.6**	**14.0**	**36.6**	**14.7**	**16.4**	**12.5**
White	110,798	2.7	5.6	8.7	13.3	37.6	15.0	17.2	12.5
Male	52,504	2.8	5.7	8.7	12.4	39.1	15.8	21.4	12.6
Female	58,294	2.6	5.5	8.6	14.1	41.6	14.3	13.3	12.5
Black	12,227	9.6	11.6	8.2	21.2	30.0	11.5	7.9	11.9
Male	5,393	11.9	12.8	7.5	18.6	29.5	11.3	8.3	11.9
Female	6,834	7.8	10.7	8.7	23.3	30.4	11.6	7.5	11.9
Spanish origin	5,367	17.6	17.5	8.3	14.5	25.6	9.7	6.7	10.3
Male	2,534	17.8	16.9	8.4	14.5	22.9	11.2	8.2	10.4
Female	2,833	17.5	18.1	8.2	14.5	28.0	8.4	5.3	10.2

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, and *Current Population Reports,* series P-20, Nos. 207 and 295; and unpublished data.

NO. 239. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1979

[**Persons 25 years old and over as of March 1979.** See headnote, table 236. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
All races	**125,295**	**3.5**	**6.2**	**8.6**	**14.0**	**36.6**	**14.7**	**16.4**	**12.5**
Male	58,986	3.7	6.3	8.6	12.9	32.6	15.4	20.4	12.6
Female	66,309	3.2	6.1	8.6	15.0	40.2	14.0	12.9	12.4
25-29 years	17,940	1.0	1.8	1.7	9.9	39.3	23.2	23.1	12.9
30-34 years	16,113	1.2	2.2	2.5	10.4	39.1	20.1	24.5	12.9
35-44 years	24,611	1.6	3.4	4.1	13.7	42.0	15.5	19.6	12.6
45-54 years	22,826	2.8	5.6	7.6	16.5	40.1	12.4	15.0	12.4
55 years and over	43,806	6.7	11.3	16.6	16.0	29.9	9.9	9.7	11.9
Black	**12,227**	**9.6**	**11.6**	**8.2**	**21.2**	**30.0**	**11.5**	**7.9**	**11.9**
25-29 years	2,004	.8	2.6	2.1	19.7	43.4	19.0	12.4	12.6
30-34 years	1,640	1.9	2.7	3.1	20.6	40.5	17.9	13.2	12.5
35-44 years	2,577	2.6	6.2	5.9	25.2	38.1	14.1	8.0	12.3
45-54 years	2,277	6.8	13.5	11.9	25.0	25.8	9.7	7.2	11.1
55 years and over	3,730	24.4	22.9	12.9	17.2	15.2	4.0	3.4	8.2

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

No. 240. Illiteracy—Age, Sex, and Race: 1959 and 1969

[**Persons 14 years old and over.** Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained only for persons completing less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970*, series H 669–688]

Age and sex	1959 (March)					1969 (November)				
	Population (1,000)		Percent illiterate			Population (1,000)		Percent illiterate		
	Total	Illiterate	Total	White	Black	Total	Illiterate	Total	White	Black
Total, 14 years and over	**121,373**	**2,619**	**2.2**	**1.6**	**7.5**	**143,137**	**1,433**	**1.0**	**.7**	**3.6**
14–24 years	25,118	144	.6	.5	1.2	36,853	97	.3	.2	.5
25–44 years	46,143	575	1.2	.8	5.1	46,501	237	.5	.4	1.3
45–64 years	35,205	929	2.6	1.8	11.3	40,985	449	1.1	.7	5.5
65 years and over	14,907	971	6.5	5.1	25.5	18,798	650	3.5	2.3	16.7
Male, 14 years and over	**58,378**	**1,480**	**2.5**	**1.7**	**9.8**	**67,306**	**708**	**1.1**	**.7**	**4.3**
14–24 years	12,063	100	.8	.7	1.7	17,484	61	.3	.3	.6
25–44 years	22,486	363	1.6	1.0	7.1	22,272	118	.5	.4	2.1
45–64 years	17,059	548	3.2	2.0	15.6	19,513	257	1.3	.8	7.4
65 years and over	6,770	469	6.9	5.3	28.3	8,037	272	3.4	2.1	17.2
Female, 14 years and over	**62,995**	**1,139**	**1.8**	**1.4**	**5.4**	**75,831**	**727**	**1.0**	**.7**	**2.9**
14–24 years	13,055	44	.3	.3	.7	19,369	37	.2	.2	.3
25–44 years	23,657	212	.9	.6	3.4	24,229	121	.5	.5	.6
45–64 years	18,146	381	2.1	1.6	7.3	21,472	191	.9	.6	4.0
65 years and over	8,137	502	6.2	5.0	23.0	10,781	378	3.5	2.4	16.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 99 and 217.

No. 241. Percent Illiterate of Population—States: 1900 to 1970

[**Relates to population 15 years old and over for 1900 to 1930 and 14 years old and over for 1950 to 1970.** Beginning 1950, data are estimated. Persons unable to both read and write in any language classified as illiterate. See *Current Population Reports*, series P-23, No. 8, for method of estimating illiteracy by States]

Region and state	1900	1920	1930	1950	1960	1970
United States	**11.3**	**6.5**	**4.8**	**3.3**	**2.4**	**1.2**
New England:						
Maine	5.5	3.6	3.0	2.0	1.3	.7
New Hampshire	6.7	4.9	3.0	2.0	1.4	.7
Vermont	6.4	3.3	2.4	1.7	1.1	.6
Massachusetts	6.5	5.3	4.0	2.8	2.2	1.1
Rhode Island	9.2	7.2	5.5	3.1	2.4	1.3
Connecticut	6.5	6.9	5.1	3.1	2.2	1.1
Middle Atlantic:						
New York	6.1	5.6	4.1	3.5	2.9	1.4
New Jersey	6.5	5.8	4.3	2.9	2.2	1.1
Pennsylvania	6.9	5.7	3.5	2.7	2.0	1.0
East No. Central:						
Ohio	4.5	3.2	2.5	1.9	1.5	.8
Indiana	5.2	2.5	1.8	1.7	1.2	.7
Illinois	4.8	3.8	2.7	2.3	1.8	.9
Michigan	4.8	3.4	2.2	2.0	1.6	.9
Wisconsin	5.4	2.8	2.1	1.7	1.2	.7
West No. Central:						
Minnesota	4.6	2.1	1.4	1.5	1.0	.6
Iowa	2.7	1.2	.9	.9	.7	.5
Missouri	7.0	3.4	2.5	2.1	1.7	.8
North Dakota	6.1	2.5	1.7	2.3	1.4	.8
South Dakota	5.8	1.9	1.4	1.5	.9	.5
Nebraska	2.6	1.5	1.3	1.2	.9	.6
Kansas	3.3	1.8	1.4	1.3	.9	.6
South Atlantic:						
Delaware	13.2	6.6	4.4	2.7	1.9	.9
Maryland	12.1	6.1	4.2	2.7	1.9	.9
District of Columbia	9.4	3.0	1.7	1.8	1.9	1.1
So. Atl.—Con.						
Virginia	24.3	12.2	9.7	4.9	3.4	1.4
West Virginia	12.6	7.2	5.5	3.5	2.7	1.4
No. Carolina	30.1	15.0	11.5	5.5	4.0	1.8
So. Carolina	37.4	20.9	16.7	7.9	5.5	2.3
Georgia	32.1	16.7	10.4	6.9	4.5	2.0
Florida	23.4	10.2	7.7	3.9	2.6	1.3
East So. Central:						
Kentucky	18.1	9.4	7.3	4.3	3.3	1.6
Tennessee	21.9	11.3	8.0	4.7	3.5	1.7
Alabama	35.1	17.8	14.0	6.2	4.2	2.1
Mississippi	34.1	18.8	14.8	7.1	4.9	2.4
West So. Central:						
Arkansas	21.3	10.2	7.6	5.0	3.6	1.9
Louisiana	39.6	23.4	15.1	9.8	6.3	2.8
Oklahoma	11.7	4.1	3.1	2.5	1.9	1.1
Texas	15.6	8.9	7.3	5.4	4.1	2.2
Mountain:						
Montana	6.6	2.5	1.9	1.8	1.0	.6
Idaho	5.1	1.7	1.2	1.3	.8	.6
Wyoming	4.4	2.3	1.8	1.7	.9	.6
Colorado	4.5	3.6	3.1	2.0	1.3	.7
New Mexico	36.7	17.4	14.9	6.6	4.0	2.2
Arizona	30.0	15.9	11.0	6.2	3.8	1.8
Utah	3.6	2.2	1.4	1.4	.9	.6
Nevada	13.8	6.4	4.8	2.2	1.1	.5
Pacific:						
Washington	3.4	1.9	1.1	1.3	.9	.6
Oregon	3.7	1.6	1.1	1.2	.8	.6
California	5.3	3.6	2.8	2.2	1.8	1.1
Alaska	40.6	24.6	20.5	6.3	3.0	1.5
Hawaii	35.2	21.2	17.5	8.4	5.0	1.9

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

No. 242. Years of School Completed, by States: 1976

[In thousands of persons 18 years old and over, except as indicated. For definition of median, see Guide to Tabular Presentation]

Region and State	Persons 18 years old and over	Years of school completed						Median school years completed	Percent high school graduates				
		Elementary school		High school		College			Total	18-24 years		25 years and over	
		0-4 years	5-8 years	1-3 years	4 years	1-3 years	4 yr. or more			Male	Female	Male	Female
U.S.	**146,349**	**4,928**	**20,621**	**23,337**	**52,696**	**24,382**	**20,385**	**12.5**	**66.6**	**78.2**	**79.7**	**64.1**	**63.5**
N.E	**8,461**	**184**	**1,075**	**1,251**	**3,076**	**1,469**	**1,406**	**12.6**	**70.3**	**81.3**	**81.6**	**68.1**	**67.7**
Maine	727	9	104	122	282	112	99	12.5	67.8	80.7	79.0	64.1	65.9
N.H	562	6	76	84	204	105	86	12.6	70.3	73.3	82.0	67.9	69.6
Vt	320	3	50	43	117	56	50	12.5	69.7	83.0	83.3	64.6	69.6
Mass	4,046	98	453	571	1,505	739	680	12.6	72.3	84.3	80.6	70.1	69.7
R.I	645	22	106	118	212	90	96	12.4	61.7	75.3	78.2	61.4	56.1
Conn	2,162	46	285	312	757	367	395	12.6	70.3	78.8	85.0	68.3	67.3
M.A	**26,004**	**704**	**3,789**	**4,401**	**9,558**	**3,786**	**3,767**	**12.4**	**65.8**	**81.4**	**81.3**	**63.1**	**62.0**
N.Y	12,713	380	1,746	2,166	4,328	2,062	2,030	12.5	66.2	81.3	78.5	64.4	62.6
N.J	5,040	138	716	840	1,854	741	752	12.4	66.4	78.9	81.3	64.1	62.9
Pa	8,250	186	1,326	1,395	3,376	983	985	12.4	64.8	83.0	85.3	60.5	60.5
E.N.C	**27,685**	**545**	**3,782**	**4,619**	**11,010**	**4,290**	**3,439**	**12.4**	**67.7**	**79.7**	**81.1**	**64.3**	**65.1**
Ohio	7,261	123	960	1,263	3,120	961	834	12.4	67.7	79.9	80.1	64.0	65.7
Ind	3,571	68	492	618	1,505	494	394	12.4	67.0	81.4	80.4	64.4	63.2
Ill	7,566	199	1,147	1,216	2,651	1,316	1,037	12.5	66.1	78.5	80.3	63.9	62.4
Mich	6,159	111	711	1,109	2,436	1,016	776	12.5	68.6	79.6	82.3	63.7	67.3
Wis	3,129	44	473	413	1,299	502	398	12.5	70.3	80.6	83.6	66.5	58.3
W.N.C	**11,382**	**168**	**1,811**	**1,445**	**4,567**	**1,919**	**1,471**	**12.5**	**69.9**	**82.9**	**84.7**	**65.7**	**67.5**
Minn	2,637	30	386	311	1,104	456	350	12.5	72.4	82.6	87.6	67.6	70.9
Iowa	1,942	18	287	233	838	318	248	12.5	72.3	84.9	84.8	67.6	71.1
Mo	3,314	82	616	493	1,258	474	391	12.4	64.1	77.2	77.4	61.7	60.8
N. Dak	417	7	86	43	143	88	51	12.5	67.6	85.7	89.0	57.7	66.4
S. Dak	457	5	90	47	171	92	52	12.5	68.9	87.1	90.1	60.3	67.8
Nebr	1,046	10	141	118	420	207	150	12.6	74.3	87.0	90.0	70.1	71.7
Kans	1,569	16	206	199	633	285	229	12.6	73.1	87.5	86.9	69.6	69.8
S.A	**23,484**	**1,163**	**3,742**	**4,077**	**7,649**	**3,589**	**3,263**	**12.4**	**61.7**	**72.4**	**76.0**	**59.6**	**58.6**
Del	394	7	46	66	143	70	61	12.5	69.5	78.7	82.8	67.0	66.9
Md	2,776	59	356	436	976	433	516	12.6	69.3	77.2	79.0	68.4	66.4
D.C.	504	18	69	86	138	79	114	12.6	65.7	69.4	77.6	62.5	64.7
Va	3,429	157	490	579	1,089	551	563	12.4	64.2	68.0	79.1	62.4	61.9
W. Va	1,271	63	315	215	418	143	117	12.1	53.3	72.7	72.7	49.3	49.8
N.C	3,748	240	705	732	1,099	528	444	12.2	55.3	66.8	73.7	50.2	53.4
S.C	1,871	129	310	363	606	267	195	12.2	57.1	69.5	74.6	53.7	53.0
Ga	3,319	264	534	573	1,074	466	409	12.3	58.7	76.0	71.5	57.3	53.7
Fla	6,171	226	917	1,028	2,104	1,052	844	12.4	64.8	75.3	77.0	63.9	61.6
E.S.C	**9,198**	**607**	**1,900**	**1,701**	**2,854**	**1,172**	**964**	**12.1**	**54.3**	**67.2**	**71.6**	**50.6**	**51.3**
Ky	2,307	132	548	397	728	270	231	12.1	53.3	72.1	69.1	49.1	49.9
Tenn	2,921	187	621	508	906	392	307	12.2	54.9	70.0	73.7	51.8	50.7
Ala	2,442	167	431	489	802	303	251	12.2	55.5	60.8	73.2	52.9	53.5
Miss	1,527	121	300	307	417	207	175	12.1	52.3	64.0	68.7	47.2	50.6
W.S.C	**14,099**	**852**	**2,044**	**2,364**	**4,783**	**2,287**	**1,768**	**12.4**	**62.7**	**74.7**	**76.3**	**61.1**	**57.9**
Ark	1,473	88	280	277	519	175	134	12.2	56.2	69.0	73.0	54.1	52.5
La	2,459	214	418	395	806	344	283	12.3	58.3	72.9	76.1	55.0	53.0
Okla	1,875	54	291	300	686	324	220	12.4	65.6	82.5	82.6	62.5	61.0
Tex	8,292	497	1,055	1,393	2,771	1,444	1,132	12.4	64.5	74.5	75.6	63.8	59.7
Mt	**6,490**	**143**	**630**	**892**	**2,374**	**1,389**	**1,061**	**12.7**	**74.3**	**81.2**	**81.9**	**72.9**	**72.1**
Mont	506	6	66	67	195	100	72	12.6	72.5	83.1	84.5	67.5	71.8
Idaho	547	8	61	87	204	113	74	12.6	71.5	82.1	80.6	68.6	69.2
Wyo	255	3	25	36	101	54	37	12.6	75.3	85.1	84.6	71.5	73.7
Colo	1,735	23	150	208	638	381	336	12.8	78.1	82.2	83.8	77.0	76.5
N. Mex	750	43	98	116	250	128	115	12.5	65.7	75.2	75.0	63.8	63.0
Ariz	1,528	51	154	214	534	334	240	12.6	72.5	79.0	80.0	72.0	69.7
Utah	758	5	42	103	285	190	133	12.8	80.2	85.4	85.6	79.8	77.7
Nev	411	5	34	61	167	90	54	12.6	75.7	80.9	82.4	75.6	73.0
Pac	**19,547**	**561**	**1,848**	**2,587**	**6,825**	**4,483**	**3,243**	**12.7**	**74.4**	**81.4**	**81.5**	**73.3**	**82.4**
Wash	2,417	25	228	320	944	512	388	12.7	76.3	82.0	84.0	73.8	75.6
Oreg	1,607	17	160	215	616	350	248	12.7	75.5	85.1	83.2	72.4	74.6
Calif	14,741	482	1,385	1,966	4,984	3,450	2,474	12.7	74.0	80.4	80.6	73.4	81.8
Alaska	216	6	14	24	86	48	38	12.7	79.6	81.4	83.6	79.4	88.1
Hawaii	566	31	61	61	196	122	95	12.7	73.0	90.4	86.0	70.7	66.5

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

No. 243. Median Money Income of Persons With Income, by Sex and Educational Attainment: 1970 to 1978

[**In thousands of dollars.** Persons as of **March** of **following year.** For persons 18 years old and over, except as noted. Based on Current Population Survey; see Appendix III. For definition of median, see Guide to Tabular Presentation. Beginning 1975, not strictly comparable with previous years; see text, p. 436]

ITEM	MALE							FEMALE						
	1970 [1]	1973 [1]	1974	1975	1976	1977	1978	1970 [1]	1973 [1]	1974	1975	1976	1977	1978
Median income, total	**7.9**	**9.8**	**9.0**	**9.4**	**10.1**	**10.7**	**11.7**	**2.6**	**3.3**	**3.3**	**3.6**	**3.9**	**4.3**	**4.4**
YEARS OF SCHOOL COMPLETED														
Elementary school:														
Less than 8 years	3.6	4.5	4.5	4.6	5.0	5.4	5.6	1.4	1.9	2.1	2.2	2.4	2.5	2.7
8 years	5.4	6.4	6.4	6.5	6.8	7.0	7.5	1.8	2.2	2.4	2.6	2.8	3.0	3.1
High school: 1-3 years	7.3	8.6	7.6	7.4	7.8	7.9	8.6	2.4	2.8	2.8	3.0	3.1	3.3	3.3
4 years	8.8	10.8	9.9	10.2	10.7	11.5	12.3	3.4	4.0	3.8	4.2	4.6	4.9	5.0
College: 1-3 years	9.9	11.7	9.8	10.4	10.6	11.5	12.5	3.7	4.6	3.8	4.3	4.4	4.9	5.2
4 years	12.1	13.9	13.4	14.4	15.4	16.2	17.4	5.4	6.2	6.2	7.0	7.1	7.6	7.8
5 or more years	13.4	16.0	16.2	17.5	18.0	19.7	21.0	7.9	8.9	9.1	10.1	10.2	10.8	11.1

[1] Persons 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, Nos. 80, 97, 105, 114, 118, 123, and unpublished data.

No. 244. Employed Persons by Years of High School Completed, by Occupation Group and by Sex and Race: 1970 and 1979

[Relates to civilian noninstitutional population 18 years old and over in **1970,** and 16 years old and over in **1979.** As of **March.** Service includes private household workers. Based on Current Population Survey; see text, p. 1]

SEX, RACE, AND YEARS OF HIGH SCHOOL COMPLETED	1970						1979					
	Employed (mil.)	Percent					Employed (mil.)	Percent				
		White collar	Blue collar	Service	Farm			White collar	Blue collar	Service	Farm	
Male, White:												
Less than 4 years	14.7	18.5	64.8	7.5	9.1		11.9	14.6	65.5	12.8	7.1	
4 years or more	27.7	58.0	34.6	4.6	2.9		37.8	52.9	38.1	6.3	2.8	
Male, Black and other: [1]												
Less than 4 years	2.6	8.8	71.6	12.6	7.0		1.8	7.5	64.2	20.8	7.3	
4 years or more	2.0	42.1	47.3	9.2	1.4		2.7	34.2	51.6	13.7	.6	
Female, White:												
Less than 4 years	6.9	30.3	35.6	31.0	3.2		7.0	31.5	31.0	35.6	1.9	
4 years or more	18.1	77.9	9.0	12.3	.8		28.0	76.0	9.2	13.9	.8	
Female, Black and other: [1]												
Less than 4 years	1.7	10.3	21.5	67.0	1.2		1.4	16.2	23.6	59.0	1.1	
4 years or more	1.9	56.8	15.8	27.3	.2		2.9	62.4	14.3	23.0	.3	

[1] For 1979, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report,* No. 125, and forthcoming report.

No. 245. School Days Lost Associated With Acute Ailments: 1975 and 1978

[Children 6-16 years of age. Based on a sample of the civilian noninstitutional population; see Appendix III]

CONDITION	TOTAL DAYS LOST (mil.)						DAYS LOST PER 100 CHILDREN PER YEAR					
	1975			1978			1975			1978		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All acute conditions	**193**	**97**	**96**	**201**	**94**	**107**	**451**	**447**	**456**	**490**	**448**	**533**
Infective and parasitic diseases	35	19	16	29	13	16	81	86	77	70	61	80
Respiratory conditions	112	52	60	131	61	70	261	239	284	320	291	350
Upper respiratory	52	25	27	60	28	32	121	113	130	146	132	160
Influenza and other	60	27	32	71	33	38	140	126	154	174	159	190
Digestive system conditions	9	4	4	8	4	4	21	20	21	20	19	21
Injuries	22	14	8	16	9	7	52	67	36	38	42	34
All other acute conditions	15	7	8	17	7	10	36	34	38	41	35	48

Source: U.S. National Center for Health Statistics, series 10, Nos. 114 and 132, *Acute Conditions, Incidence and Associated Disability;* and unpublished data.

No. 246. Public Elementary and Secondary Schools—Summary: 1960 to 1979

[Revenue and expenditure data for years ending **June 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 420, H 487-507, and H 520-530]

ITEM	1960	1966	1968	1970	1972	1974	1976	1978	1979
ENROLLMENT (day schools only)									
Total population [1] (mil.)	**179.3**	**193.8**	**197.5**	**203.2**	**206.2**	**209.9**	**213.0**	**216.3**	**218.1**
Population 5-17 years [1] (mil)	43.9	50.0	51.4	52.5	52.3	51.5	50.4	49.0	48.0
Percent of total population	24.5	25.8	26.0	25.8	25.4	24.5	23.6	22.7	22.0
Pupils enrolled (mil)	36.1	42.8	[2]43.9	[2]45.6	[2]46.1	[2]45.4	[2]44.8	[2]43.6	[2]42.6
Percent of total population	20.1	22.1	22.2	22.4	22.3	21.6	21.0	20.2	19.5
Percent of population 5-17 years	82.2	85.7	85.5	86.9	88.1	88.2	88.9	89.2	88.7
Average daily attendance (mil.)	32.5	39.2	40.8	41.9	42.3	41.4	41.3	40.2	39.2
Percent of pupils enrolled	90.0	91.4	93.0	91.9	91.7	91.2	92.2	92.0	92.0
Average length of term in days	178.0	178.9	178.8	178.9	179.3	178.7	178.3	(NA)	(NA)
Average number of days attended per enrolled pupil	160.2	163.5	163.2	161.7	161.7	159.5	161.1	(NA)	(NA)
INSTRUCTIONAL STAFF (day schools only)									
Total [3] (1,000)	**1,464**	**1,885**	**2,071**	**2,253**	**2,322**	**2,425**	**2,476**	**2,351**	**2,337**
Classroom teachers (1,000)	1,355	1,786	1,864	2,023	2,070	2,155	2,196	2,208	2,199
Male [4] (1,000)	393	568	588	656	695	723	741	(NA)	(NA)
Percent [4]	29.0	31.8	31.5	32.4	33.7	33.5	33.7	(NA)	(NA)
Female [4] (1,000)	962	1,218	1,276	1,367	1,375	1,432	1,455	(NA)	(NA)
Principals (1,000)	64	77	86	91	97	100	104	(NA)	(NA)
Supervisors (1,000)	14	22	29	32	37	38	35	(NA)	(NA)
REVENUES									
Total (mil. dol.)	**14,747**	**25,357**	**31,903**	**40,267**	**50,004**	**58,231**	**71,206**	**81,440**	**83,655**
Federal (mil. dol.)	652	1,997	2,806	3,220	4,468	4,930	6,318	7,699	6,787
State (mil. dol.)	5,768	9,920	12,276	16,063	19,133	24,113	31,776	35,005	38,611
Local (incl. intermediate) (mil. dol.)	8,327	13,440	16,821	20,985	26,402	29,187	33,112	38,736	38,257
EXPENDITURES									
Total (mil. dol.)	**15,613**	**26,248**	**32,977**	**40,683**	**48,050**	**56,970**	**70,629**	**80,844**	**84,928**
Current expenditure for day schools (mil. dol.)	12,329	21,053	26,877	34,218	41,818	50,025	62,083	73,058	74,520
Other current expenditure [5] (mil. dol.)	133	648	866	636	[6]395	[6]453	[6]554	[7]589	[7]1,514
Capital outlay (mil. dol.)	[8]2,662	3,755	4,256	4,659	4,459	4,979	6,146	5,245	6,367
Interest (mil. dol.)	490	792	978	1,171	1,378	1,514	1,846	1,952	2,528
In current dollars:									
Total expenditure:									
Per capita of total population (dol.)	87	135	167	200	233	271	332	374	389
Per pupil in average daily attendance in day schools [9] (dol.)	472	654	786	955	1,128	1,364	1,698	2,011	2,165
Current expenditure per pupil in average daily attendance in day schools [10] (dol.)	375	537	658	816	990	1,207	1,504	1,817	1,900
Salaries of total instructional staff (mil. dol.)	7,671	13,068	16,373	20,879	24,292	28,110	30,009	(NA)	(NA)
Average annual salary per member (dol.)	5,174	6,935	7,630	8,840	10,100	11,185	[4]12,448	[4]14,244	[4]14,970
In 1979 dollars:									
Total expenditure:									
Per capita of total population (dol.)	203	249	336	363	388	398	410	409	389
Per pupil in average daily attendance in day schools [9] (dol.)	1,101	1,208	1,583	1,732	1,878	2,004	2,097	2,200	2,165
Current expenditure per pupil in average daily attendance in day schools [10] (dol.)	875	992	1,325	1,480	1,648	1,773	1,857	1,988	1,900
Average annual salary per member of total instructional staff (dol.)	12,066	12,809	15,367	16,036	16,817	16,431	[4]15,373	[4]15,583	[4]14,970

NA Not available. [1] *For 1960 and 1970,* enumerated population as of April 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad.
[2] As of fall of preceding year. [3] Includes librarians and other nonsupervisory instructional staff, not shown separately.
[4] Estimated.
[5] Comprises summer schools, community colleges, adult education, and community services.
[6] Excludes adult education and community colleges. [7] Includes adult education, summer school, Head Start, and other education programs.
[8] Excludes capital outlay by State and local schoolhousing authorities.
[9] Based on current expenditures allocable to pupil costs, capital outlay, and interest.
[10] Excludes current expenditures not allocable to pupil costs.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems,* biennial; and *Statistics of Public Elementary and Secondary Schools,* annual.

No. 247. Public Elementary and Secondary School Enrollment and Rate, 1970 and 1979, Attendance, 1979, and Length of Term, 1976—States

[Enrollment as of **fall of preceding year.** ADA=Average daily attendance; ADM=Average daily membership]

STATE	ENROLLMENT (1,000)		ENROLLMENT RATE [1]		Percent ADA of ADM, 1979	Avg. days in school year, 1976 (days)	STATE	ENROLLMENT (1,000)		ENROLLMENT RATE [1]		Percent ADA of ADM, 1979	Avg. days in school year, 1976 (days)
	1970	1979	1970	1979				1970	1979	1970	1979		
U.S.	**45,619**	**42,611**	**86.9**	**88.7**	**93.5**	**178.3**	**S.A.—Con.**						
							W. Va.	401	396	90.7	98.8	(NA)	179.1
N.E.	**2,465**	**2,349**	**83.2**	**88.0**	**91.2**	**179.9**	N.C.	1,186	1,163	89.6	93.9	93.3	180.0
Maine	240	240	92.7	96.8	93.8	175.4	S.C.	648	625	90.0	91.2	96.5	180.0
N.H.	152	172	80.4	87.3	93.6	179.6	Ga.	1,113	1,093	90.9	92.5	(NA)	[2] 180.0
Vt.	100	101	85.5	91.0	96.0	177.0	Fla.	1,408	1,514	87.5	91.1	(NA)	180.0
Mass.	1,147	1,081	81.7	87.0	90.0	[2] 181.0	**E.S.C.**	**2,996**	**2,822**	**87.8**	**88.4**	**94.3**	**175.9**
R.I.	180	161	80.0	79.7	91.4	[2] 180.0	Ky.	704	693	83.4	88.3	92.4	175.2
Conn.	646	594	84.1	88.8	91.0	180.0	Tenn.	891	873	88.9	91.3	93.8	175.7
M.A.	**7,287**	**6,478**	**80.2**	**82.3**	**90.8**	**179.0**	Ala.	826	762	88.5	89.0	96.0	175.9
N.Y.	3,514	3,094	80.6	81.5	89.8	177.3	Miss.	575	494	90.6	82.9	95.0	177.3
N.J.	1,455	1,337	80.9	83.4	90.6	180.3	**W.S.C.**	**4,682**	**4,730**	**90.4**	**94.0**	**93.2**	**178.6**
Pa.	2,318	2,047	79.3	82.6	92.2	180.6	Ark.	460	457	92.6	94.6	95.0	175.0
E.N.C.	**9,118**	**8,112**	**85.1**	**86.6**	(NA)	**178.2**	La.	854	817	82.0	84.4	91.8	179.7
Ohio	2,424	2,102	86.0	87.0	91.8	178.1	Okla.	613	589	95.6	96.7	94.2	175.1
Ind.	1,224	1,113	88.4	90.4	95.4	181.4	Tex.	2,755	2,867	91.8	96.5	93.1	179.7
Ill.	2,324	2,100	81.3	83.9	(NA)	174.1	**Mt.**	**2,100**	**2,279**	**90.9**	**96.7**	**93.8**	**170.7**
Mich.	2,166	1,911	88.5	88.8	(NA)	180.0	Mont.	175	164	89.3	92.1	94.5	[2] 180.7
Wis.	980	886	81.5	83.4	(NA)	180.1	Idaho	180	203	90.0	100.0	88.6	180.0
W.N.C.	**3,817**	**3,269**	**88.8**	**87.5**	(NA)	**176.6**	Wyo.	87	94	93.5	100.0	93.3	180.4
Minn.	914	808	87.0	88.7	93.5	176.5	Colo.	538	558	91.5	95.9	96.0	179.7
Iowa	661	569	88.9	88.5	94.6	175.8	N. Mex.	276	279	89.0	93.6	95.0	[2] 180.0
Mo.	1,077	900	91.0	86.4	(NA)	[2] 175.0	Ariz.	418	510	86.0	96.2	92.0	175.0
N. Dak.	148	122	84.6	82.4	96.5	180.1	Utah	302	325	96.8	100.0	93.2	180.0
S. Dak.	167	138	89.3	89.0	95.5	175.7	Nev.	124	146	98.4	98.6	97.0	180.0
Nebr.	331	298	85.3	86.9	94.8	176.8	**Pac.**	**6,153**	**5,690**	**91.8**	**90.2**	(NA)	**176.8**
Kans.	519	434	90.6	88.4	93.8	180.0	Wash.	820	769	93.2	94.2	93.1	180.0
S.A.	**7,004**	**6,881**	**89.0**	**91.9**	(NA)	**180.2**	Oreg.	479	471	89.7	92.2	93.3	178.0
Del.	130	111	87.2	86.4	92.5	180.0	Calif.	4,598	4,186	92.0	89.5	(NA)	176.0
Md.	892	810	85.9	87.0	91.3	181.4	Alaska	77	91	87.7	87.5	(NA)	179.9
D.C.	149	114	90.9	84.4	83.8	182.0	Hawaii	179	171	87.3	85.5	92.0	177.9
Va.	1,077	1,055	89.9	93.8	92.9	180.4							

NA Not available. [1] Percent of persons, 5–17 years. 1970 based on resident population as of April 1, 1970; 1979, on estimated resident population as of July 1, 1978. [2] Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Digest of Education Statistics*, annual.

No. 248. Public Elementary and Secondary Schools—Enrollment, by Grade: 1960 to 1979

[For **school year through 1970;** thereafter, as of **fall** of year. 1979 data are preliminary. Beginning **1975,** kindergarten includes nursery schools. Ungraded and special classes prorated among grades. Twelfth grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420–424]

GRADE	ENROLLMENT (1,000)								PERCENT DISTRIBUTION			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
Pupils enrolled	**36,087**	**42,280**	**46,531**	**44,838**	**44,334**	**43,734**	**42,611**	**41,574**	**100.0**	**100.0**	**100.0**	**100.0**
Kindergarten and grades 1–8	**27,602**	**30,652**	**33,249**	**30,544**	**30,012**	**29,431**	**28,455**	**27,881**	**76.5**	**71.5**	**68.1**	**67.1**
Kindergarten	1,923	2,250	2,653	3,058	3,000	2,851	2,718	2,754	5.3	5.7	6.8	6.6
First	3,733	4,014	4,026	3,365	3,460	3,418	3,151	3,025	10.3	8.7	7.5	7.3
Second	3,436	3,800	3,876	3,150	3,204	3,315	3,239	2,981	9.5	8.4	7.0	7.2
Third	3,302	3,662	3,883	3,163	3,104	3,176	3,249	3,186	9.2	8.3	7.1	7.7
Fourth	3,146	3,523	3,820	3,247	3,143	3,100	3,134	3,222	8.7	8.2	7.2	7.8
Fifth	3,118	3,465	3,777	3,415	3,239	3,142	3,066	3,144	8.6	8.1	7.6	7.6
Sixth	3,070	3,362	3,721	3,610	3,425	3,243	3,124	3,087	8.5	8.0	8.1	7.4
Seventh	3,173	3,363	3,825	3,760	3,716	3,521	3,321	3,219	8.8	8.2	8.4	7.7
Eighth	2,701	3,212	3,668	3,776	3,721	3,664	3,452	3,260	7.5	7.9	8.4	7.8
Grades 9–12	**8,485**	**11,628**	**13,282**	**14,294**	**14,322**	**14,303**	**14,156**	**13,692**	**23.5**	**28.5**	**31.9**	**32.9**
Ninth	2,412	3,198	3,708	3,971	3,919	3,888	3,858	3,633	6.7	8.0	8.9	8.7
Tenth	2,256	3,085	3,541	3,814	3,831	3,799	3,738	3,644	6.3	7.6	8.5	8.8
Eleventh	2,063	2,778	3,171	3,430	3,462	3,487	3,429	3,348	5.7	6.8	7.6	8.1
Twelfth	1,752	2,567	2,862	3,079	3,110	3,128	3,130	3,067	4.8	6.1	6.9	7.4

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; beginning 1975, *Statistics of Public Elementary and Secondary Day Schools*, annual.

NO. 249. CHARACTERISTICS OF PRIVATE SCHOOLS, BY LEVEL AND CHURCH AFFILIATION: 1976 AND 1978

[As of **October.** Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

LEVEL AND ITEM	ALL NONPUBLIC SCHOOLS		NO AFFILIATION		CHURCH AFFILIATION					
					Total		Catholic		Other	
	1976	1978	1976	1978	1976	1978	1976	1978	1976	1978
Total:										
Schools	20,081	19,663	4,171	3,944	15,910	15,719	9,966	9,849	5,944	5,870
Pupils (1,000)	5,167	5,084	758	747	4,409	4,338	3,423	3,270	986	1,068
Teachers [1]	268,908	272,664	62,331	63,232	206,577	209,432	146,251	143,352	60,326	66,080
Pupil/Teacher ratio	19.2	18.6	12.2	11.8	21.3	20.7	23.4	22.8	16.3	16.2
Elementary: [2]										
Schools	12,965	12,749	1,476	1,384	11,489	11,365	8,092	8,020	3,397	3,345
Pupils (1,000)	3,081	2,989	184	184	2,896	2,804	2,464	2,342	433	462
Teachers [1]	133,307	133,031	14,066	13,788	119,241	119,243	95,031	93,028	24,210	26,215
Pupil/Teacher ratio	23.1	22.5	13.1	13.3	24.3	23.5	25.9	25.2	17.9	17.6
Secondary:										
Schools	2,484	2,418	473	445	2,011	1,973	1,552	1,518	459	455
Pupils (1,000)	1,080	1,069	97	100	983	969	882	857	101	112
Teachers [1]	62,121	62,604	9,086	9,231	53,035	53,373	45,754	44,940	7,281	8,433
Pupil/Teacher ratio	17.4	17.1	10.7	10.8	18.5	18.1	19.3	19.1	13.9	13.3
Combined:										
Schools	3,420	3,348	1,276	1,219	2,144	2,129	140	135	2,004	1,994
Pupils (1,000)	905	937	401	396	504	540	58	53	446	488
Teachers [1]	61,244	64,448	29,946	30,652	31,298	33,796	3,189	2,960	28,109	30,836
Pupil/Teacher ratio	14.8	14.5	13.4	12.9	16.1	16.0	18.2	17.8	15.9	15.8
Other [3]:										
Schools	1,212	1,148	946	896	266	252	182	176	84	76
Pupils (1,000)	101	90	76	66	25	24	19	18	6	6
Teachers	12,236	12,581	9,233	9,561	3,003	3,020	2,277	2,424	726	596
Pupil/Teacher ratio	8.2	7.2	8.2	6.9	8.4	7.9	8.2	7.5	8.9	9.7

[1] Full-time equivalent teachers. [2] Includes middle schools. [3] Includes special education, vocational/technical, and alternative schools regardless of grade span.

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

NO. 250. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1979

[As of **October 1.** Regular sessions only. See also *Historical Statistics, Colonial Times to 1970,* series H 535-544]

ITEM	UNIT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Elementary schools	Number	10,501	10,879	9,362	8,569	8,437	8,340	8,281	8,204	8,159	8,100
Pupils enrolled	1,000	4,373	4,492	3,355	2,714	2,602	2,525	2,483	2,421	2,365	2,293
Teachers, total	1,000	108	120	112	103	100	99	100	100	99	98
Religious	1,000	79	76	52	41	38	35	34	32	29	27
Lay	1,000	29	44	60	62	62	64	66	68	70	71
Secondary schools	Number	2,392	2,413	1,981	1,728	1,690	1,653	1,623	1,593	1,564	1,540
Pupils enrolled	1,000	880	1,082	1,008	907	902	890	882	867	853	846
Teachers, total	1,000	44	57	54	51	50	50	51	51	49	49
Religious	1,000	33	38	28	23	21	20	19	18	16	15
Lay	1,000	11	19	26	29	29	30	32	33	33	34

Source: National Catholic Educational Association, Washington, D.C., *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70,* and *U.S. Catholic Schools, 1973-74,* and National Catholic Educational Association/Ganley's, *Catholic Schools in America,* annual. (Copyright.)

NO. 251. SCHOOL ENROLLMENT OF INDIAN CHILDREN: 1960 TO 1977

[**In thousands, except percent.** As of **fall.** Relates to children 6-18 years of age through 1965; 5-18 thereafter]

STATUS OF CHILDREN	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total	146	149	206	207	213	205	209	209	216	219
In school	133	134	186	190	197	188	190	190	202	206
Percent of total	91.3	89.7	90.3	91.8	92.5	91.7	90.9	90.9	93.5	94.1
Federal	37	43	48	49	49	48	48	47	46	46
Public	85	82	127	131	139	129	134	133	145	149
Other	11	9	11	11	10	11	10	10	11	11
Not in school	9	9	12	10	9	8	8	11	9	8
Unknown [1]	4	7	8	7	7	9	11	8	5	5

[1] Children recorded on census records but residing off the reservation.

Source: U.S. Bureau of Indian Affairs, *Statistics Concerning Indian Education,* annual.

No. 252. Black and Hispanic Enrollment in Public Elementary and Secondary Schools: 1970 to 1978

[As of **fall.** Excludes Hawaii. Data are estimated from results of a survey of public school districts with a substantial minority group enrollment. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics]

ITEM	1970	1974	1976	1978	ITEM	1970	1974	1976	1978
Total enrollment (1,000)	**44,910**	**45,988**	**43,540**	**41,571**	**Total enrollment (1,000)**	**44,910**	**45,988**	**43,540**	**41,571**
Black (1,000)	6,713	6,684	6,772	6,565	Hispanic (1,000)	2,275	2,577	2,797	2,884
Percent Black—					Percent Hispanic—				
Of total enrollment	14.9	14.5	15.6	15.8	Of total enrollment	5.1	5.6	6.4	6.9
By minority group enrollment in—					By minority group enrollment in—.				
Schools under 50 percent	33.1	37.1	43.2	(NA)	Schools under 50 percent	44.2	42.3	40.1	(NA)
Schools 50–100 percent	66.9	63.0	56.8	(NA)	Schools 50–100 percent	55.8	57.8	59.9	(NA)
Schools 95–100 percent	38.2	33.6	(NA)	(NA)	Schools 95–100 percent	16.3	(NA)	(NA)	(NA)
Schools 100 percent	14.0	11.4	(NA)	(NA)	Schools 100 percent	1.8	1.2	(NA)	(NA)

NA Not available.

Source: U.S. Dept. of Education, Office of the Assistant Secretary for Civil Rights, *Distribution of Students by Racial/Ethnic Composition of Schools, 1970–1976* (vol. I), and *State and National Summaries of Data Collected by the Elementary and Secondary Schools Civil Rights Survey, 1976* and *1978.*

No. 253. Minority Enrollment in Public Elementary and Secondary Schools, by Minority-Group School Enrollment, 1976 and 1978, and by States, 1978

[As of **fall.** "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State]

STATE	Total minority enrollment [1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					STATE	Total minority enrollment [1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT				
		Under 50 percent		90–100 percent	99–100 percent				Under 50 percent		90–100 percent	99–100 percent	
		Total (1,000)	Percent		Number (1,000)	Percent			Total (1,000)	Percent		Number (1,000)	Percent
Total, 1976	**10,747.0**	**4,287.0**	**39.9**	**3,379.8**	**1,829.2**	**17.0**	Miss.	236.0	67.8	28.7	71.7	36.6	15.5
Total, 1978	**10,336.5**	**4,088.4**	**39.6**	**3,115.6**	**1,663.9**	**16.1**	Mo	136.9	48.6	35.5	64.7	42.9	31.3
							Mont.	13.0	8.5	64.9	2.7	.4	2.9
Ala.	252.4	104.8	41.5	88.4	60.3	23.9	Nebr.	22.8	18.5	81.0	.8	.8	3.3
Alaska	25.0	12.5	50.1	8.8	3.7	14.7	Nev.	24.9	22.6	90.7	.5	–	–
Ariz.	171.9	69.6	40.4	37.3	4.1	2.4	N.H.	1.7	1.7	100.0	–	–	–
Ark.	103.6	50.6	48.9	4.4	.8	.8	N.J.	345.5	113.7	32.9	140.4	54.4	15.8
Calif.	1,487.0	621.6	41.8	311.5	152.0	10.2	N. Mex.	151.1	41.3	27.3	27.9	2.5	1.7
Colo.	112.6	73.1	64.9	.7	.1	.1	N.Y.	948.2	216.0	22.8	502.0	256.7	27.1
Conn.	93.3	47.4	50.9	25.0	7.9	8.5	N.C.	368.9	228.5	62.0	17.5	4.9	1.3
Del.	29.2	27.6	94.4	–	–	–	N. Dak.	7.6	3.0	38.8	3.4	1.7	22.7
D.C.	109.4	.7	.6	103.0	87.4	79.9	Ohio	300.9	117.2	38.9	102.6	64.6	21.5
Fla.	466.1	258.3	55.4	70.5	18.1	3.9	Okla.	127.4	95.0	74.6	5.4	.1	.1
Ga.	351.5	136.2	38.7	95.6	55.1	15.7	Oreg.	33.2	30.2	91.0	.1	–	–
Hawaii	131.9	6.1	4.6	44.1	.7	.5	Pa.	284.5	90.4	31.8	132.9	81.5	28.6
Idaho	11.9	11.3	94.0	–	–	–	R.I.	11.8	9.9	83.4	–	–	–
Ill.	567.0	124.9	22.0	359.4	287.5	50.7	S.C.	268.4	105.5	39.6	38.8	21.2	8.0
Ind.	119.3	57.7	48.4	36.5	22.6	19.0	S.Dak.	9.9	7.5	76.1	.7	.1	.5
Iowa	21.5	19.7	91.7	.1	.1	.2	Tenn.	184.1	69.9	37.9	55.1	27.2	14.8
Kans.	48.8	40.2	82.3	3.8	2.3	4.7	Tex.	1,144.1	361.4	31.6	393.8	131.1	11.5
Ky.	61.4	53.8	87.7	1.3	1.2	1.9	Utah	23.6	21.8	92.3	1.0	.1	.4
La.	337.1	125.8	37.3	118.4	81.7	24.2	Vt.	.6	.6	100.0	–	–	–
Maine	2.0	2.0	100.0	–	–	–	Va.	283.2	138.6	48.9	16.1	3.0	1.1
Md.	259.9	105.7	40.7	75.2	54.2	20.8	Wash.	79.7	64.5	80.9	.9	.1	.1
Mass.	98.8	48.5	49.1	1.0	–	–	W. Va.	21.3	19.3	91.0	.7	.7	3.4
Mich.	334.1	102.0	30.5	140.1	86.6	25.9	Wis.	66.7	44.2	66.3	10.6	7.0	10.5
Minn.	38.5	35.3	91.7	.2	–	–	Wyo.	8.1	6.9	84.7	.3	–	–

– Represents zero. [1] Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976* and *1978.*

No. 254. Elementary and Secondary Schools—Enrollment and Teachers, by Type of Control: 1960 to 1978, and Projections to 1985

[**In thousands, except percent and ratio.** As of **fall** of year. Enrollment data are not directly comparable with enrollment figures given for an entire school year in other tables. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Data for nonpublic schools and, beginning **1975**, for classroom teachers in public schools, are estimated, except as indicated]

ENROLLMENT AND TEACHERS	1960	1965	1970	1975	1976	1977	1978	1980, proj.	1985, proj.
PUPILS ENROLLED									
Total	**42,181**	**48,473**	**51,309**	**49,791**	**49,316**	**48,577**	**47,611**	**45,796**	**43,748**
Annual percent change [1]	6.6	2.8	1.1	−.6	−1.0	−1.5	−2.0	−1.9	−.9
Elementary	29,150	31,570	31,601	29,240	29,029	28,554	28,652	27,243	26,794
Secondary	13,031	16,904	19,708	20,551	20,287	20,023	18,959	18,553	16,954
Public	36,281	42,173	45,909	44,791	44,316	43,577	42,611	40,696	38,548
Elementary	24,350	26,670	27,501	25,640	25,429	24,954	25,052	23,643	22,994
Secondary	11,931	15,504	18,408	19,151	18,887	18,623	17,559	17,053	15,554
Nonpublic	5,900	6,300	5,400	5,000	5,000	5,000	5,000	5,100	5,200
Elementary	4,800	4,900	4,100	3,600	3,600	3,600	3,600	3,600	3,800
Secondary	1,100	1,400	1,300	1,400	1,400	1,400	1,400	1,500	1,400
CLASSROOM TEACHERS									
Total	**1,600**	**1,933**	**2,288**	**2,444**	**2,449**	**2,470**	**2,460**	**2,413**	**2,393**
Annual percent change [1]	4.5	3.9	3.4	1.3	.2	.9	−.4	−1.0	−.2
Elementary	991	1,112	1,281	1,344	1,341	1,359	1,352	1,324	1,375
Secondary	609	822	1,007	1,100	1,108	1,111	1,108	1,089	1,018
Public	1,408	1,710	2,055	2,196	2,186	2,209	2,199	2,141	2,108
Elementary	858	965	1,128	1,180	1,166	1,185	1,178	1,144	1,175
Secondary	550	748	927	1,016	1,020	1,024	1,021	998	933
Nonpublic	192	223	233	248	263	261	261	271	285
Elementary	133	[2] 147	[2] 153	164	175	174	174	180	200
Secondary	59	[2] 76	[2] 80	84	88	87	87	91	85
PUPIL-TEACHER RATIO									
Public: Elementary	28.4	27.6	24.4	21.7	21.8	21.1	21.3	20.7	19.6
Secondary	21.7	20.8	19.8	18.8	18.5	18.2	17.2	17.1	16.7
Nonpublic: Elementary	36.1	33.5	26.5	21.7	20.8	20.5	20.4	19.9	19.1
Secondary	18.3	18.1	16.4	16.4	16.4	16.4	16.5	16.4	16.4

[1] Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Reported data from Office of Education surveys.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics;* and unpublished data.

No. 255. Public School Employment, by Occupation, 1974 to 1976, and by Sex and Race, 1975 and 1976

[**In thousands.** Covers full-time employment. Excludes Hawaii and District of Columbia. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974, total	1975					1976				
		Total [1]	Male	Female	White [2]	Black [2]	Total [1]	Male	Female	White [2]	Black [2]
All occupations	**3,452**	**3,590**	**1,273**	**2,317**	**3,001**	**461**	**3,599**	**1,278**	**2,321**	**3,010**	**455**
Officials, administrators	39	43	37	7	40	2	45	37	7	41	3
Principals and assistant principals	107	112	94	18	98	12	111	93	17	96	12
Classroom teachers [3]	1,995	2,047	696	1,351	1,791	209	2,047	701	1,345	1,788	208
Elementary schools	987	1,005	168	836	865	114	992	169	823	853	112
Secondary schools	885	902	488	414	808	75	908	493	415	812	75
Other professional staff	226	237	78	159	205	26	239	78	161	207	25
Teachers aides [4]	220	240	19	221	161	54	236	18	218	161	50
Clerical, secretarial staff	215	230	5	225	203	18	236	5	231	208	18
Service workers [5]	649	681	344	337	504	141	686	346	340	511	139

[1] Includes other races and individuals of Spanish origin, not shown separately.
[2] Excludes individuals of Spanish origin. [3] Includes other classroom teachers, not shown separately.
[4] Includes technicians. [5] Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Employment Opportunity in the Schools,* 1976 and 1977; and unpublished data.

No. 256. Public Elementary and Secondary Schools—Number and Average Salary of Classroom Teachers, 1960 to 1980, and by States, 1980

[Estimates for school year ending in **June**. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

Year and State	Teachers (1,000)			Avg. salary ($1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960	1,355	834	521	5.0	4.8	5.3
1965	1,648	940	708	6.2	6.0	6.5
1970	2,008	1,109	899	8.6	8.4	8.9
1972	2,086	1,124	962	9.7	9.4	10.0
1973	2,109	1,143	966	10.2	9.9	10.5
1974	2,138	1,152	986	10.8	10.5	11.1
1975	2,171	1,169	1,001	11.7	11.3	12.0
1976	2,191	1,170	1,021	12.6	12.3	12.9
1977	2,192	1,178	1,013	13.3	12.9	13.7
1978	2,199	1,176	1,022	14.2	13.9	14.6
1979	2,196	1,187	1,009	15.1	14.7	15.4
1980, U.S.	**2,184**	**1,182**	**1,003**	**16.0**	**15.7**	**16.4**
Ala	36.5	17.3	19.2	13.5	12.9	14.1
Alaska	5.2	2.8	2.4	26.2	25.9	26.5
Ariz	24.3	16.9	7.4	15.8	15.3	16.0
Ark	23.9	11.8	12.1	12.4	12.1	12.7
Calif	177.0	105.5	71.5	19.1	18.7	19.6
Colo	27.2	13.0	14.2	16.0	15.9	16.0
Conn	34.2	20.5	13.7	16.3	16.2	16.6
Del	6.0	2.6	3.4	16.2	15.9	16.4
D.C	5.9	3.5	2.4	22.2	22.3	22.1
Fla	75.2	38.2	37.0	14.6	14.4	14.7
Ga	52.5	32.8	19.7	14.0	13.8	14.4
Hawaii	8.0	4.7	3.2	19.8	20.0	19.4
Idaho	9.7	5.1	4.6	13.6	13.3	13.9
Ill	109.5	72.2	37.3	17.4	17.0	18.4
Ind	53.9	26.7	27.1	15.1	14.7	15.5
Iowa	32.2	15.2	17.0	15.0	14.5	15.5
Kans	25.5	13.6	11.9	14.0	14.0	14.1
Ky	33.5	21.1	12.4	14.5	14.1	15.2
La	42.5	23.6	18.9	13.8	13.6	14.0
Maine	11.8	6.9	4.9	13.1	12.6	13.8
Md	41.9	19.8	22.1	17.6	17.4	17.7
Mass	66.0	29.0	37.0	17.5	17.3	17.7
Mich	80.6	41.9	38.7	18.8	18.7	19.0
Minn	43.5	20.1	23.4	16.8	16.1	17.3
Miss	26.6	14.8	11.8	11.9	11.6	12.2
Mo	48.7	24.7	24.0	13.7	13.5	14.0
Mont	9.6	5.2	4.4	14.7	14.1	15.4
Nebr	18.4	9.7	8.8	13.5	12.9	14.1
Nev	6.6	3.3	3.2	16.4	16.3	16.5
N.H	9.2	4.9	4.3	12.6	12.2	13.0
N.J	78.4	44.7	33.7	17.1	16.8	17.4
N. Mex	13.8	6.7	7.1	13.9	13.5	14.3
N.Y	171.8	79.0	92.8	19.2	19.1	19.3
N.C	55.8	37.7	18.1	14.4	14.2	14.7
N. Dak	7.2	4.3	2.9	13.1	13.0	13.4
Ohio	99.3	54.6	44.7	15.2	14.8	15.7
Okla	33.0	17.2	15.9	13.2	12.9	13.5
Oreg	24.8	14.9	9.9	16.3	15.9	16.7
Pa	109.1	51.2	57.8	16.8	16.5	17.0
R.I	9.3	5.1	4.2	17.9	17.1	18.3
S.C	30.0	18.3	11.8	13.0	12.6	13.5
S. Dak	8.2	5.2	3.0	12.2	12.0	12.4
Tenn	41.2	25.2	15.9	13.7	13.5	13.9
Tex	158.5	81.0	77.5	14.0	13.7	14.3
Utah	14.2	7.5	6.7	15.0	14.6	15.5
Vt	6.2	3.3	2.9	12.4	12.0	12.9
Va	61.2	35.0	26.2	14.0	13.5	14.7
Wash	35.0	19.4	15.6	18.7	18.5	19.3
W. Va	21.7	11.7	10.0	13.6	13.3	14.1
Wis	54.2	29.2	25.0	15.9	15.5	16.4
Wyo	6.0	3.1	3.0	16.0	15.4	16.6

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1979–80.* (Copyright © 1980 by the National Education Association. All rights reserved.)

No. 257. Public Elementary and Secondary Schools—Classroom Teachers, by Experience and Degrees Held: 1966 to 1979

[As of **spring**. Based on sample and subject to sampling variability]

Experience and degree	1966		1971		1976		1979			
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Men	Women
Percent with teaching experience of:										
1–2 years	16.2	21.0	15.2	18.5	10.1	12.5	7.9	8.4	6.3	8.0
3–4 years	12.2	16.7	16.4	14.7	15.9	15.9	8.1	8.3	7.0	8.9
5–9 years	19.8	23.9	21.4	27.7	28.6	29.0	30.6	27.4	25.4	30.6
10–14 years	14.1	14.3	14.3	17.2	15.6	19.0	19.3	24.3	26.5	20.3
15–19 years	11.0	8.5	10.4	8.9	12.1	12.9	14.2	14.5	15.7	13.5
20 years or more	26.7	15.7	22.5	13.7	17.5	10.6	19.6	17.1	19.1	18.7
Median [1] (years)	10	7	8	7	8	8	10	11	11	10
Percent, highest degree held:										
No degree	12.9	.6	1.0	.4	.6	.6	.1	.4	.5	.3
2-year degree			3.6	.7	.1	.4				
Bachelor's degree	71.4	67.7	74.5	64.2	59.8	53.8	59.3	48.1	42.2	59.9
Master's degree	14.9	29.6	20.3	32.5	27.1	41.2	36.1	45.0	50.0	35.6
Professional degree, 6 years	.8	1.9	.6	1.4	2.2	3.3	4.2	5.6	6.3	3.8
Doctor's degree	–	.3	–	.8	.1	.7	.3	.9	1.0	.4

– Represents zero or rounds to zero. [1] For definition of median, *see Guide to Tabular Presentation.*

Source: National Education Association, Washington, D.C., *Status of the American Public School Teacher, 1965–66, 1970–71,* and *1975–76,* and unpublished data. (Copyright © 1967, 1972, and 1977 by the National Education Association. All rights reserved.)

NO. 258. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1940 TO 1977

[Prior to 1960, excludes Alaska and Hawaii. See also Historical Statistics, Colonial Times to 1970, series H 531-534]

ITEM	1940	1950	1960	1968	1970	1972	1974	1976	1977
Pupils transported:									
At public expense [1] (mil.)	4.1	6.9	12.2	17.1	18.2	19.5	21.3	21.7	22.5
Percent of pupils in ADA [1]	16.3	27.7	37.6	42.0	43.4	46.1	51.5	52.8	55.2
Expenditure of public funds [2] (mil. dol.)	83	215	486	981	1,219	1,508	1,858	2,377	2,502
Cost per pupil transported [1] (dol.)	20	31	40	57	67	77	87	109	111

[1] Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). [2] Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 259. PUBLIC SCHOOL TRANSPORTATION—SUMMARY, BY STATES: 1970 TO 1976

[ADA = Average daily attendance. Data refer to elementary and secondary schools]

STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE						EXPENDITURES FOR TRANSPORTING PUPILS				
	Pupils transported (1,000)			Percent of total ADA			Total (mil. dol.)			Avg. per pupil	
	1970	1974	1976	1970	1974	1976	1970	1974	1976	1970	1976
U.S. [1]	**18,193.6**	**21,347.0**	**21,772.5**	**43.4**	**51.5**	**52.8**	**1,218.6**	**1,858.1**	**2,377.3**	**$66.96**	**$109.19**
Ala	396.5	425.1	442.8	51.0	58.8	61.8	13.6	19.6	25.1	34.39	56.75
Alaska	*27.8*	*34.6*	*37.3*	*38.4*	*44.5*	*45.7*	4.3	7.3	10.6	156.31	283.35
Ariz	139.8	183.5	168.4	35.7	40.7	37.0	6.3	10.4	21.5	45.11	127.38
Ark	210.5	249.5	261.5	50.8	59.6	61.0	11.3	15.6	20.6	53.46	78.94
Calif	920.4	1,500.0	950.4	20.8	34.4	21.8	74.9	110.5	91.7	81.39	96.47
Colo	161.0	212.5	240.3	32.2	39.9	45.6	11.3	19.0	24.6	69.96	102.50
Conn	359.8	388.8	396.8	58.1	63.2	66.6	22.2	32.5	40.1	61.84	100.97
Del	71.5	80.5	81.5	59.2	66.5	69.4	4.8	8.0	9.6	67.51	118.13
D.C. [2]	*2.6*	*2.1*	1.1	1.8	1.7	.9	1.7	6.8	8.3	([2])	([2])
Fla	418.0	633.9	727.8	31.8	45.2	50.7	19.8	42.6	56.6	47.39	77.76
Ga	550.1	640.3	692.3	54.0	64.8	69.3	24.6	36.0	51.6	44.73	74.54
Hawaii	29.0	40.0	35.5	17.2	24.8	21.8	2.5	3.8	5.9	85.72	165.33
Idaho	87.6	93.4	104.2	51.2	53.7	57.2	5.2	6.7	10.3	59.34	96.68
Ill	662.1	745.5	761.5	31.8	36.8	39.3	50.8	90.5	119.2	76.67	156.57
Ind	585.5	651.6	659.0	52.7	60.4	62.8	36.9	49.2	63.6	63.10	96.58
Iowa	269.0	286.2	280.5	43.1	48.5	48.8	23.6	30.1	40.8	87.67	145.57
Kans	168.0	160.2	161.3	35.7	37.4	38.5	14.6	17.8	18.0	86.71	111.80
Ky	403.8	437.7	420.0	62.3	67.1	67.5	18.8	26.7	42.3	46.55	100.76
La	486.4	568.3	548.9	62.6	74.6	71.5	29.7	43.5	58.4	61.08	106.39
Maine	145.5	166.7	175.5	64.6	73.0	77.0	8.7	13.2	17.3	60.11	98.47
Md	451.3	528.8	515.4	57.4	65.8	64.9	29.0	44.9	57.2	64.29	110.92
Mass	468.1	628.0	715.8	44.3	58.9	66.8	31.4	65.5	81.6	67.11	114.00
Mich	748.8	913.9	937.2	37.6	46.0	47.5	56.2	92.8	122.7	75.07	130.89
Minn	429.9	489.4	618.2	49.7	60.0	74.7	40.9	57.2	78.1	95.21	126.41
Miss	293.3	293.5	306.0	55.9	60.7	63.9	14.6	18.8	24.8	49.74	81.02
Mo	581.4	628.3	636.9	64.2	70.5	73.6	30.2	42.9	53.4	51.91	83.76
Mont	[3]50.1	57.2	56.0	[3]30.8	35.6	35.8	6.8	9.0	10.9	(NA)	194.76
Nebr	56.0	65.8	69.2	17.8	21.7	23.3	7.3	10.7	15.0	131.04	216.95
Nev	45.3	44.4	46.9	39.9	36.1	35.9	2.9	4.4	6.9	63.63	150.54
N.H	75.6	87.4	106.9	53.9	55.8	66.9	4.9	7.8	10.0	65.34	93.25
N.J	[4]540.3	[4]612.7	610.4	[4]40.9	[4]46.1	46.6	45.2	73.3	92.2	83.68	151.01
N. Mex	117.5	127.8	131.9	45.2	52.1	51.4	8.5	10.8	15.3	72.29	116.31
N.Y	[4]1,520.8	[4]1,657.5	1,910.8	[4]49.1	[4]55.6	63.4	196.7	299.4	368.4	129.33	192.77
N.C	629.9	726.2	744.8	57.0	65.5	66.5	21.4	34.4	42.9	33.91	57.66
N. Dak	59.2	55.2	53.7	41.7	41.4	42.5	7.6	9.5	12.2	128.58	227.03
Ohio	1,042.2	1,208.9	1,248.8	46.4	55.9	59.4	44.5	68.0	88.5	42.71	70.89
Okla	187.6	268.9	286.4	33.4	48.1	51.3	12.5	19.9	25.5	66.58	89.15
Oreg	*241.7*	*259.4*	*253.7*	*55.3*	*60.4*	*59.7*	14.3	21.6	31.6	59.32	124.38
Pa	1,229.4	1,364.1	1,507.8	56.7	64.2	73.0	72.0	105.8	135.9	58.55	90.11
R.I	82.5	96.3	94.5	50.5	58.4	59.6	4.9	8.1	9.0	59.37	95.57
S.C	404.9	384.8	403.0	67.4	67.7	68.1	10.3	16.7	21.7	25.27	53.88
S. Dak	45.9	55.0	53.2	28.9	36.9	37.7	5.5	7.8	9.5	119.11	178.53
Tenn	411.0	496.5	521.3	49.2	60.7	63.1	18.0	28.4	36.6	43.69	70.11
Tex	535.0	694.7	734.9	22.0	27.6	28.8	29.4	42.8	64.7	55.01	88.01
Utah	*90.4*	*93.3*	*102.8*	*31.4*	*33.7*	*35.6*	4.0	6.4	9.2	44.49	89.62
Vt	56.7	71.6	73.4	58.0	72.0	74.9	3.9	5.8	7.5	67.99	102.24
Va	618.9	731.6	736.2	62.2	73.5	72.3	23.7	44.6	58.4	38.24	79.35
Wash	368.2	380.8	373.1	48.1	52.1	51.6	26.2	35.8	53.9	71.28	144.39
W. Va	257.4	282.0	284.6	69.2	75.3	77.7	15.1	21.8	30.0	58.76	105.29
Wis	436.0	512.8	462.7	49.5	58.5	53.9	41.2	49.3	60.0	94.49	129.72
Wyo	28.0	29.8	30.0	34.4	37.2	36.5	3.8	4.4	7.6	134.33	254.13

NA Not available. [1] Totals are for States reporting. [2] For handicapped children only; therefore, most data not comparable to those of the States. [3] 1967-68 school year. [4] Includes private school pupils.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial.

NO. 260. MODE OF TRANSPORTATION, DISTANCE, AND TIME TRAVELED TO SCHOOL, BY LEVEL AND RESIDENCE: 1978

[**Enrollment in thousands.** As of **October.** Elementary includes grades 1–8; secondary, grades 9–12]

ENROLLMENT AND MODE OF TRANSPORTATION	Total enrolled [1]	ELEMENTARY					SECONDARY				
		Total	Metropolitan areas			Non-metro. areas	Total	Metropolitan areas			
			Total	Central cities				Total	Central cities		Non-metro. areas
				Inside	Outside				Inside	Outside	
Enrollment	60,719	28,490	18,710	7,479	11,232	9,780	15,475	10,315	4,048	6,267	5,160
Percent distribution:											
Walk	23.8	34.4	41.4	53.9	33.0	20.9	20.8	23.6	28.1	20.6	15.3
Car	30.2	16.2	16.1	19.0	14.2	16.2	30.0	28.8	28.1	29.3	32.3
School bus	32.6	44.5	37.1	20.3	48.3	58.6	37.3	31.8	15.8	42.1	48.3
Time: [2]											
Less than 15 min	51.1	56.8	61.6	67.6	57.6	47.6	45.2	46.1	44.1	47.4	43.5
15–29 min	29.7	26.7	26.4	22.3	29.2	27.3	34.4	36.0	35.5	36.3	31.3
30–59 min	16.4	14.5	10.9	8.8	12.3	21.4	17.3	15.7	17.8	14.4	20.5
Median miles (number)	2.6	1.8	1.2	(3)	1.8	2.8	3.0	2.8	2.5	2.9	3.9

[1] Includes nursery, kindergarten, vocational schools, and colleges, not shown separately. [2] For those fully reported. [3] Less than 1 mile.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 342.

NO. 261. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR SELECTED CITIES: 1975 TO 1979

CITY	ENROLLMENT [1] (1,000)			TOTAL EXPENDITURES [2] (mil.dol.)			CURRENT EXPENDITURE PER PUPIL IN ADA [3]			AVG. SALARY, CLASSROOM TEACHERS ($1,000)		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Baltimore, Md	173	152	145	252	310	276	$1,444	$2,223	$1,952	11.1	15.3	15.0
Boston, Mass	87	[2]77	71	172	261	255	1,784	3,848	3,645	13.0	17.6	[4]17.6
Chicago, Ill	537	511	470	1,088	1,285	[4]1,285	1,870	2,594	[4]2,594	16.0	17.5	[4]17.5
Cleveland, Ohio	135	115	105	211	292	243	1,520	2,555	2,720	12.7	14.9	16.4
Dallas, Tex	151	135	132	152	259	265	1,035	1,756	1,795	10.6	14.4	14.9
Detroit, Mich	263	238	230	324	459	482	1,269	1,948	2,106	14.0	19.4	19.1
Houston, Tex	*211*	*207*	*202*	*192*	*378*	*372*	*881*	*1,412*	*1,567*	9.0	13.5	*14.4*
Indianapolis, Ind	88	78	74	95	117	138	1,099	1,584	2,009	10.9	14.1	15.0
Los Angeles, Calif	607	[2]587	566	845	1,335	1,495	1,191	2,216	[4]2,216	15.0	17.8	[4]17.8
Memphis, Tenn	116	116	115	139	150	154	1,149	1,414	1,316	10.8	12.8	10.1
Milwaukee, Wis	119	101	96	230	[5]227	[5]227	[5]1,748	[5]2,352	[5]2,352	14.3	[7]20.2	[4 7]20.2
New Orleans, La	96	91	89	108	139	144	1,116	1,647	1,802	10.1	[8]13.1	13.8
New York, N.Y	1,095	[2]1,046	999	2,510	2,522	2,639	2,351	2,707	3,021	[9]16.4	20.2	19.8
Philadelphia, Pa	266	254	244	519	575	586	1,859	2,377	2,528	14.6	18.8	19.5
Phoenix, Ariz	173	184	175	231	281	265	1,087	1,326	[4]1,326	10.8	14.2	[4]14.2
St. Louis, Mo	91	76	73	99	144	149	1,230	2,008	2,159	11.7	13.7	14.3
San Antonio, Tex	69	64	63	66	98	90	858	1,274	1,457	9.6	13.3	14.3
San Diego, Calif	*123*	*119*	*116*	*145*	*270*	*280*	*1,066*	*1,743*	*2,163*	*14.8*	*17.9*	*18.0*
San Francisco, Calif	72	65	62	148	176	151	1,829	2,143	2,305	15.3	18.4	19.6
Washington, D.C	132	120	114	241	293	308	1,614	2,368	2,947	14.0	18.0	19.5

[1] As of fall of preceding year. Includes nursery schools and kindergartens operated as part of the regular public school system. [2] Estimated. [3] ADA=Average daily attendance. [4] School year 1977–1978. [5] School year 1976–77. [6] Expenditures for summer school are included. [7] Includes fringe benefit payments. [8] Includes nonteaching personnel. [9] Salary data reported as median salary.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

NO. 262. PUBLIC SCHOOL BONDS—ELECTIONS AND SALES: 1966 TO 1977

[Years ending **June 30.** Bonds for financing construction of public elementary and secondary school facilities]

ITEM	Unit	1966	1968	1970	1972	1973	1974	1975	1976	1977
Bond issues:										
Proposed	Number	1,745	1,750	1,216	1,153	1,273	1,386	929	770	859
Approved	Number	1,265	1,183	647	542	719	779	430	391	477
Par value of bond issues:										
Proposed	*Mil. dol*	*3,560*	*3,740*	*3,285*	*3,102*	*3,988*	*4,137*	*2,551*	*2,104*	*2,400*
Approved	Mil. dol	2,652	2,336	1,627	1,365	2,256	2,193	1,174	970	1,296
Bond sales, all agencies	Number	1,941	1,722	1,309	1,547	1,336	1,234	1,060	1,093	1,173
Sales, all agencies	Mil. dol	2,883	2,917	2,813	3,368	2,905	2,959	3,579	3,688	4,611
Avg. net interest	Percent	3.67	4.57	6.39	5.01	4.91	5.35	6.27	6.25	5.33

Source: U.S. National Center for Education Statistics, *Bond Sales for Public School Purposes*, annual.

NO. 263. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE AND EXPENDITURES: 1960 TO 1978

[For years ending **June 30.** See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 487–501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)							PERCENT					
	1960	1966	1970	1975	1976	1977	1978	1960	1966	1970	1975	1977	1978
Revenue, total	**14.7**	**25.4**	**40.3**	**64.4**	**71.2**	**75.3**	**81.4**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Federal sources	.7	2.0	3.2	5.8	6.3	6.6	7.7	4.4	7.9	8.0	9.0	8.8	9.5
State sources	5.8	9.9	16.1	27.2	31.8	32.7	35.0	39.1	39.1	39.9	42.2	43.4	43.0
Other sources [1]	8.3	13.4	21.0	31.4	33.1	36.0	38.7	56.5	53.0	52.1	48.8	47.8	47.6
Expenditures, total	**15.6**	**26.2**	**40.7**	**64.8**	**70.6**	**75.0**	**80.8**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Current	12.5	21.7	34.9	57.4	62.6	67.7	73.6	79.8	82.7	85.7	88.5	90.3	91.1
Day schools	12.3	21.1	34.2	56.7	62.1	66.9	73.1	79.0	80.2	84.1	87.5	89.2	90.4
Administration	.5	.9	1.6	2.7	2.8	3.3	3.9	3.4	3.6	3.9	4.1	4.4	4.8
Instruction [2]	8.4	14.4	23.3	36.5	39.7	41.9	45.0	53.5	55.0	57.2	56.3	55.9	55.7
Plant operation and maintenance	1.5	2.4	3.5	6.1	6.7	7.3	8.1	9.6	9.1	8.6	9.5	9.7	10.0
Fixed charges	.9	1.7	3.3	6.3	7.3	8.1	9.3	5.8	6.5	8.0	9.7	10.8	11.5
Other services	1.0	1.6	2.6	5.1	5.6	6.3	6.8	6.6	6.0	6.3	7.9	8.4	8.4
Other current [3]	.1	.6	.6	[4].7	[4].6	[4].8	[4].6	.9	2.5	1.6	1.0	1.1	.7
Capital outlay	[5]2.7	3.8	4.7	5.7	6.1	5.3	5.2	17.0	14.3	11.5	8.8	7.1	6.5
Interest	.5	.8	1.2	1.7	1.8	2.0	2.0	3.1	3.0	2.9	2.7	2.7	2.4

[1] Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition, and transportation fees paid by patrons.
[2] Includes salaries of clerical assistants, free textbooks, school library books, and supplies.
[3] Comprises current expenditures for summer schools, adult education, community colleges, and community services.
[4] Excludes current expenditures for adult education and community colleges.
[5] Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and *Revenues and Expenditures for Public Elementary and Secondary Education,* annual.

NO. 264. FINANCES OF PUBLIC SCHOOL SYSTEMS, BY ENROLLMENT-SIZE GROUP: 1977 AND 1978

[In millions of dollars, except percent. Based on survey of State and local governments. Minus sign (–) denotes decrease. For details, see source. See also Appendix III]

ITEM	1977, all school systems	1978, BY ENROLLMENT-SIZE GROUP						
		All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999	7,500 to 14,999	Under 7,500 (est.)
		Total	Percent change [1]					
General revenue [2]	**79,104**	**85,506**	**8.1**	**17,580**	**7,658**	**7,195**	**14,369**	**38,704**
Intergovernmental	38,919	42,391	8.9	8,854	4,050	3,609	6,891	18,988
From Federal government	1,275	1,686	32.2	460	162	173	257	634
From States	36,613	39,565	8.1	8,261	3,805	3,374	6,516	17,609
Federal aid distributed by State governments	5,164	5,755	8.1	1,617	524	420	848	2,346
From local governments	1,031	1,140	10.6	133	83	61	118	745
From own sources	40,186	43,115	7.3	8,727	3,608	3,587	7,478	19,715
Taxes	27,124	29,193	7.6	4,626	2,359	2,484	5,058	14,666
Property	26,435	28,335	7.2	4,409	2,317	2,440	4,913	14,256
Contribution from parent government	7,933	8,315	4.8	3,232	743	561	1,471	2,308
Charges and miscellaneous	5,129	5,607	9.3	869	506	541	949	2,742
General expenditure [2]	**77,575**	**83,439**	**7.6**	**16,981**	**7,535**	**7,198**	**14,118**	**37,607**
Intergovernmental	377	394	4.5	5	7	6	80	297
Direct	77,198	83,045	7.6	16,977	7,529	7,192	14,038	37,309
Current operation	69,586	75,251	8.1	15,624	6,808	6,388	12,686	33,745
Salaries and wages	49,218	52,720	7.1	11,403	4,906	4,519	8,963	22,929
Capital outlay	5,883	5,971	1.5	968	554	656	1,040	2,753
Construction	4,059	4,072	.3	718	389	465	733	1,767
Interest on debt	1,729	1,823	5.4	385	166	148	312	812
Direct expenditure by level of instruction:								
Elementary and secondary	70,942	75,786	6.8	15,748	6,793	6,175	12,637	34,433
Higher education	4,904	5,436	10.8	843	570	869	1,089	2,065
Debt outstanding	**35,113**	**35,641**	**1.5**	**6,728**	**3,460**	**3,102**	**6,339**	**16,012**
Long-term	33,897	34,339	1.3	6,318	3,303	3,018	6,199	15,502
Short-term	1,216	1,302	7.1	411	157	84	141	509
Long-term debt issued	3,143	3,025	–3.8	383	249	346	657	1,390
Long-term debt retired	2,623	3,111	18.6	703	317	240	529	1,322
Cash, security holdings, fiscal yearend, excl. employee-retirement	12,902	14,850	15.1	2,410	1,402	1,519	2,588	6,931

[1] Change from 1977. [2] Excludes interschool system transactions.

Source: U.S. Bureau of the Census, *Finances of Public School Systems in 1977–1978,* series GF 78 No. 10, annual.

No. 265. Public School Expenditures, by States: 1975 to 1979

[School data for years ending June 30]

State	Total expenditures, 1975 (mil. dol.)	Total expenditures, 1978 [1] (mil. dol.)	Expenditures, 1979 [1]: Total [2] (mil. dol.)	Current expenditures: Elem. and secondary day schools (mil. dol.)	Average per pupil in ADA [3]: Amount (dol.)	Average per pupil in ADA [3]: Rank	Capital outlay (mil. dol.)	Per capita school expenditures [4] (dol.): 1975	1978	1979	Expenditures, 1978 [5]: Total (mil. dol.)	Per capita [4] (dol.)
U.S. [6]	64,846	80,844	84,928	74,520	1,900	(X)	6,367	$307	$374	$389	83,439	386
Ala	753	1,053	1,187	1,089	1,548	32	89	211	285	317	931	252
Alaska	220	339	(NA)	(NA)	(NA)	(NA)	(NA)	640	821	(NA)	338	821
Ariz	714	924	954	767	1,635	[7] 26	157	331	401	405	953	415
Ark	448	584	618	528	1,219	41	75	217	271	283	568	265
Calif	6,921	8,959	9,103	7,924	(NA)	(NA)	595	331	409	408	10,192	465
Colo	756	1,183	1,268	1,109	2,129	9	94	302	451	475	1,098	419
Conn	988	1,143	1,290	1,149	2,162	6	106	320	368	416	1,145	368
Del	209	247	234	211	2,080	10	11	383	424	401	215	370
D.C	238	284	308	278	2,947	(X)	12	329	415	457	325	471
Fla	2,180	2,471	3,006	2,580	(NA)	(NA)	359	269	292	350	3,146	372
Ga	1,223	1,503	(NA)	(NA)	(NA)	(NA)	(NA)	250	298	(NA)	1,372	272
Hawaii	256	342	259	251	1,616	28	5	299	384	289	286	320
Idaho	224	298	312	268	1,345	39	36	282	348	355	284	331
Ill	3,635	4,120	(NA)	(NA)	(NA)	(NA)	(NA)	325	367	(NA)	4,588	408
Ind	1,414	1,724	1,781	1,495	1,455	38	141	266	322	331	1,703	319
Iowa	824	1,100	1,219	1,134	2,139	7	61	290	381	421	1,144	397
Kans	609	721	868	810	2,075	12	44	268	311	370	892	383
Ky	649	890	784	713	1,120	44	38	194	257	224	870	252
La	963	1,240	1,316	1,166	1,576	31	113	256	316	332	1,228	313
Maine	272	345	357	325	1,477	37	22	260	318	327	347	319
Md	1,506	1,745	1,628	1,461	1,986	16	123	367	422	393	1,639	444
Mass	1,968	2,463	2,692	2,451	2,496	3	89	339	426	466	2,389	413
Mich	3,333	4,211	3,959	3,502	1,990	[7] 14	250	367	460	431	4,152	455
Minn	1,494	1,773	1,750	1,517	1,947	17	137	383	445	437	1,682	423
Miss	458	658	617	558	1,189	42	56	197	276	257	713	298
Mo	1,146	1,383	1,469	1,346	1,673	23	72	240	287	302	1,488	310
Mont	243	344	366	330	2,202	5	30	331	449	466	385	507
Nebr	404	558	498	487	1,746	20	9	262	359	318	555	356
Nev	182	257	265	234	1,682	22	14	317	403	402	250	395
N.H	228	268	282	258	1,635	[7] 26	18	283	315	324	247	291
N.J	2,660	3,124	3,308	3,107	2,576	2	78	363	426	451	3,019	412
N. Mex	346	444	550	455	1,714	21	87	309	371	454	462	388
N.Y	7,397	8,218	8,273	7,554	2,759	1	320	409	458	466	8,593	479
N.C	1,343	1,653	1,999	1,625	1,507	34	175	250	300	358	1,857	336
N. Dak	161	214	209	189	1,607	29	16	254	329	321	232	355
Ohio	2,942	3,434	3,723	3,400	1,777	19	185	274	321	346	3,703	346
Okla	647	910	933	833	1,520	33	80	241	323	324	791	282
Oreg	768	1,024	963	850	1,990	[7] 14	90	341	429	394	1,137	476
Pa	3,770	4,517	5,018	4,364	2,315	4	218	319	383	427	4,228	359
R.I	260	324	309	300	2,067	13	(NA)	276	346	330	309	330
S.C	689	882	844	748	1,274	40	75	248	306	289	839	292
S. Dak	177	203	237	218	1,662	24	14	260	295	343	219	318
Tenn	958	1,225	1,098	960	1,172	43	123	232	285	252	1,130	263
Tex	3,219	5,057	5,003	3,856	1,490	36	759	268	395	384	5,005	390
Utah	362	514	573	456	1,494	35	88	308	405	438	521	410
Vt	148	173	179	161	1,651	25	9	316	359	368	164	340
Va	1,413	1,682	1,951	1,758	1,791	18	150	287	330	379	1,629	317
Wash	1,120	1,535	1,904	1,466	2,079	11	377	320	417	505	1,519	415
W. Va	448	592	625	575	1,593	30	31	251	319	336	628	338
Wis	1,410	1,776	(NA)	(NA)	(NA)	(NA)	(NA)	309	382	(NA)	1,695	408
Wyo	147	211	262	186	2,133	8	67	407	520	618	236	581

NA Not available. X Not applicable. [1] Estimated. [2] Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. [3] Average daily attendance. [4] Based on estimated resident population as of July 1, 1974, July 1, 1977, and July 1, 1978, from U.S. Bureau of the Census, *Current Population Reports*, series P-25. [5] Source: U.S. Bureau of the Census, *Finances of Public School Systems in 1977–1978*, GF78 No. 10. [6] Total includes estimates for nonreporting States. [7] In order to have the lowest rank equal to the number of States presented, the numbers 15 and 27 are omitted. Mich. and Oreg. share the same rank of 14, and N.H. and Ariz. share the same rank of 26.

Source: Except as noted, U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual, and *Statistics of Public Elementary and Secondary Day Schools*, annual.

No. 266. School Retention Rates—Fifth Grade Through College Entrance: 1942–1950 to 1970–1978

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587–597]

Year of entrance into 5th grade	Retention per 1,000 pupils who entered 5th grade								High school graduates	Year of high school graduation	First-time college students [1]
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942	1,000	954	909	847	807	713	604	539	505	1950	205
1944	1,000	952	929	858	848	748	650	549	522	1952	234
1946	1,000	954	945	919	872	775	641	583	553	1954	283
1948	1,000	984	956	929	863	795	706	619	581	1956	301
1950	1,000	981	968	921	886	809	709	632	582	1958	308
1952	1,000	974	965	936	904	835	746	667	621	1960	328
1954	1,000	980	979	948	915	855	759	684	642	1962	343
1956	1,000	985	984	948	930	871	790	728	676	1964	362
1958	1,000	983	979	961	946	908	842	761	732	1966	384
1960	1,000	980	973	967	952	913	858	787	749	1968	452
1962	1,000	987	977	967	959	928	860	790	750	1970	461
1964	1,000	988	985	976	975	942	865	791	748	1972	433
1965	1,000	996	983	980	980	947	874	786	749	1973	433
1966	1,000	989	986	985	985	959	871	783	744	1974	448
1967	1,000	992	988	984	984	956	870	775	743	1975	452
1968	1,000	992	992	991	983	958	869	786	749	1976	435
1969	1,000	992	986	986	984	959	876	789	744	1977	(NA)
1970	1,000	990	990	998	979	963	883	800	746	1978	439

NA Not available. [1] Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 267. Public High School Graduates—States and Other Areas: 1975 to 1978

[**In thousands.** Excludes graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. See Appendix III]

State	1975	1976	1977	1978	State or other area	1975	1976	1977	1978
U.S. [1]	**2,822.6**	**2,837.0**	**2,839.5**	**2,824.7**	Nevada	7.2	7.6	8.0	[3] 8.3
					New Hampshire	11.1	11.4	11.5	11.4
Alabama	46.6	46.7	46.8	46.5	New Jersey	[2] 96.0	[2] 98.0	97.5	97.1
Alaska	4.2	4.2	4.5	4.8	New Mexico	16.4	17.8	18.0	18.4
Arizona	25.7	26.0	29.9	30.8	New York	210.8	[2] 214.2	215.1	210.7
Arkansas	26.8	27.0	27.6	28.1					
California	273.4	[2] 272.5	266.1	261.7	North Carolina	70.1	70.5	71.1	71.0
Colorado	35.0	35.6	36.6	37.4	North Dakota	10.7	10.8	10.8	10.5
					Ohio	158.2	157.6	156.2	152.0
Connecticut	[2] 42.8	40.6	39.5	38.9	Oklahoma	37.8	37.7	38.6	39.0
Delaware	8.2	8.2	8.2	8.2	Oregon	30.7	30.6	30.3	30.0
Dist. of Col	5.4	5.1	5.3	5.2					
Florida	86.5	[2] 89.4	88.1	91.6	Pennsylvania	163.1	163.7	160.6	156.9
Georgia	59.8	61.1	62.2	61.1	Rhode Island	11.0	10.8	10.8	10.9
Hawaii	11.3	11.3	11.6	11.2	South Carolina	38.3	38.1	37.8	[4] 38.7
					South Dakota	11.7	11.3	11.3	11.3
Idaho	12.6	11.9	13.0	13.3	Tennessee	49.4	50.1	49.3	47.5
Illinois	[2] 141.3	146.6	142.0	140.7					
Indiana	74.1	77.7	76.4	74.3	Texas	159.5	159.9	163.6	168.0
Iowa	43.0	[2] 42.3	43.7	44.2	Utah	19.7	19.7	19.8	20.3
Kansas	32.5	[2] 32.2	33.2	32.8	Vermont	6.5	6.6	6.7	6.8
Kentucky	42.4	[2] 41.8	41.8	41.6	Virginia	65.6	66.1	66.7	66.3
					Washington	51.0	51.0	50.9	[5] 51.1
Louisiana	47.7	47.4	48.2	47.2					
Maine	14.8	15.2	15.2	15.4	West Virginia	24.6	24.9	24.7	24.0
Maryland	55.4	56.1	55.5	55.5	Wisconsin	71.0	70.4	72.4	71.3
Massachusetts	[2] 79.0	81.3	75.4	78.3	Wyoming	5.6	5.8	5.9	6.1
Michigan	135.5	130.9	135.3	132.8					
Minnesota	66.5	66.4	68.2	67.5	**Other areas:**				
					Puerto Rico	27.1	25.8	(NA)	(NA)
Mississippi	27.2	27.6	27.6	28.2	Am. Samoa	.4	.4	.4	(NA)
Missouri	62.4	63.9	64.5	64.6	Canal Zone	.7	.7	.6	(NA)
Montana	12.3	12.1	12.3	12.2	Guam	1.1	1.2	(NA)	(NA)
Nebraska	22.2	22.2	23.1	23.3	Virgin Islands	.6	.7	.8	(NA)

NA Not available. [1] Includes estimates for nonreporting States. [2] Estimated. [3] For school year 1978–79. [4] For period Jan.–Dec. 1978. [5] Includes persons granted high school equivalency certificate.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

No. 268. High School Graduates Not Enrolled in College and School Dropouts—Employment Status, by Sex and Race: 1965 to 1979

[**In thousands of persons 16 to 21 years old, except percent.** As of **October.** *High school graduates:* Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

Employment status, sex, and race	Graduates					Dropouts				
	1965	1970	1975 [1]	1978 [1]	1979 [1]	1965	1970	1975 [1]	1978 [1]	1979 [1]
Civilian population [2]	**4,898**	**5,823**	**7,179**	**7,683**	**7,606**	**2,986**	**2,757**	**3,271**	**3,376**	**3,442**
In labor force	3,769	4,566	5,944	6,631	6,551	1,863	1,611	1,996	2,228	2,260
Percent of population	76.9	78.4	82.8	86.3	86.1	62.4	58.4	61.0	66.0	65.7
Employed	3,451	4,038	5,055	6,007	5,847	1,585	1,264	1,426	1,771	1,787
Percent of labor force	91.6	88.4	85.0	90.6	89.3	85.1	78.5	71.4	79.5	79.1
Male	1,512	1,730	2,542	3,017	2,939	1,105	805	952	1,168	1,212
Female	1,939	2,308	2,513	2,990	2,908	480	459	474	603	575
White	3,116	3,636	4,616	5,463	5,285	1,266	1,011	1,200	1,518	1,545
Black and other	335	402	441	[3] 485	[3] 468	319	253	227	[3] 233	[3] 205
Unemployed	318	528	889	624	704	278	347	570	457	473
Percent of labor force	8.4	11.6	15.0	9.4	10.7	14.9	21.5	28.6	20.5	20.9
Male	105	236	446	255	286	160	219	330	276	254
Female	213	292	443	369	418	118	128	240	181	219
White	259	429	712	435	542	203	232	414	340	348
Black and other	59	99	178	[3] 175	[3] 151	75	115	157	[3] 110	[3] 114
Not in labor force	1,129	1,257	1,235	1,052	1,057	1,123	1,146	1,276	1,148	1,182

[1] Not strictly comparable with 1965 and 1970 data. [2] Noninstitutional. [3] Data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, 215; and forthcoming report.

No. 269. High School Dropouts 14 to 24 Years Old, by Race and Age: 1968 to 1979

[As of **October.** See headnote, table 268. Total dropouts include races not shown separately]

Race and age	Number of dropouts (1,000)						Percent of population					
	1968	1970	1975	1977	1978	1979	1968	1970	1975	1977	1978	1979
Total dropouts	**4,650**	**4,670**	**4,974**	**5,148**	**5,240**	**5,408**	**13.1**	**12.2**	**11.5**	**11.7**	**11.9**	**12.3**
14–17 years	721	762	864	835	852	848	4.8	4.8	5.2	5.0	5.2	5.3
18–21 years	2,163	2,138	2,557	2,607	2,652	2,738	17.1	16.4	16.3	16.2	16.3	16.8
22–24 years	1,766	1,770	1,553	1,706	1,736	1,822	22.3	18.7	14.5	15.2	15.2	15.6
White	**3,685**	**3,577**	**3,861**	**4,151**	**4,210**	**4,280**	**11.9**	**10.8**	**10.5**	**11.1**	**11.3**	**11.5**
14–17 years	578	603	712	716	746	709	4.5	4.5	5.0	5.1	5.4	5.3
18–21 years	1,711	1,618	1,980	2,094	2,095	2,149	15.6	14.3	14.7	15.2	15.1	15.5
22–24 years	1,396	1,356	1,169	1,351	1,369	1,422	20.1	16.3	12.6	14.0	14.0	14.2
Black	**932**	**1,047**	**1,024**	**911**	**953**	**1,016**	**21.6**	**22.2**	**18.5**	**15.9**	**16.5**	**17.5**
14–17 years	133	150	147	103	103	121	7.0	7.4	6.3	4.4	4.4	5.2
18–21 years	437	500	540	481	514	534	28.6	30.5	27.0	23.2	24.7	25.5
22–24 years	362	397	337	327	336	361	40.5	37.8	27.8	24.9	24.5	25.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 355 and earlier reports; and unpublished data.

No. 270. Scholastic Aptitude Test (SAT) Averages for College-Bound Seniors: 1967 to 1979

Year	Verbal			Mathematical			Year	Verbal			Mathematical		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1967 [1]	466	463	468	492	514	467	1974	444	447	442	480	501	459
1968 [1]	466	464	466	492	512	470	1975	434	437	431	472	495	449
1969 [1]	*463*	*459*	*466*	*493*	*513*	*473*	1976	431	433	430	472	497	446
1970 [1]	460	459	461	488	509	465							
1971 [1]	455	454	457	488	507	466	1977	429	431	427	470	497	445
1972	453	454	452	484	505	461	1978	429	433	425	468	494	444
1973	445	446	443	481	502	460	1979	427	431	423	467	493	443

[1] Estimates based on total number of persons taking Scholastic Aptitude Test.

Source: College Entrance Examination Board, New York, N.Y., *National Report on College-Bound Seniors, 1979*, (copyright).

NO. 271. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX, AND BY CONTROL: 1950 TO 1978

*[**In thousands, except percent.** Prior to **1960,** excludes Alaska and Hawaii. See also table 292; Appendix III; and Historical Statistics, Colonial Times to 1970, series H 598-601 and H 752-756]*

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES						COLLEGE GRADUATES [2]				
	Total		Sex		Control		Bachelor's degrees [3]				Master's and doctor's degrees [4]
	Number	Percent of persons 18 years old [1]	Male	Female	Public	Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	
1950	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65
1955	1,351	64.6	648	703	1,208	143	286	24	183	103	67
1960	1,864	72.4	898	966	1,633	231	392	28	254	138	84
1965	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162
1970	2,896	77.1	1,433	1,463	2,596	300	792	30	450	341	274
1972	3,008	76.2	1,490	1,518	2,706	302	887	33	501	387	328
1973	3,043	75.7	1,503	1,540	2,737	306	922	33	518	404	348
1974	3,081	75.6	1,515	1,566	2,771	310	946	33	527	418	365
1975	3,140	74.3	1,545	1,595	2,830	310	923	31	505	418	382
1976	3,154	74.5	1,554	1,600	2,844	310	926	31	504	421	408
1977	3,154	74.7	1,548	1,606	2,844	310	920	30	496	424	415
1978	3,147	74.8	1,540	1,607	2,832	315	921	30	487	434	410

NA Not available. [1] Based on estimated resident population as of July 1. [2] Data cover public and private institutions. [3] Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. [4] Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred,* annual; *Digest of Education Statistics,* annual; and *Projections of Education Statistics to 1986-87.*

NO. 272. COLLEGE ENROLLMENT OF PERSONS 18-24 YEARS OLD, AND PERCENT OF HIGH SCHOOL GRADUATES, BY SEX AND RACE: 1960 TO 1979

[**In thousands, except percent.** Except as noted, as of **October.** Covers civilian noninstitutional population]

YEAR	ALL PERSONS			MALE			FEMALE		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
High school graduates:									
1960 [2]	9,335	8,607	[3] 729	4,397	4,084	[3] 312	4,940	4,523	[3] 417
1970	17,768	15,960	1,602	8,087	7,324	668	9,680	8,634	935
1972	19,618	17,410	1,992	9,247	8,278	870	10,371	9,132	1,123
1973	20,377	18,022	2,079	9,716	8,637	952	10,663	9,387	1,125
1974	20,725	18,318	2,083	9,835	8,768	919	10,889	9,551	1,167
1975	21,326	18,883	2,081	10,214	9,139	897	11,113	9,743	1,182
1976	21,677	19,045	2,239	10,312	9,186	936	11,365	9,860	1,302
1977	22,008	19,291	2,286	10,440	9,263	970	11,569	10,029	1,317
1978	22,309	19,526	2,340	10,614	9,438	956	11,694	10,088	1,384
1979	22,421	19,616	2,356	10,657	9,457	973	11,763	10,157	1,383
College enrollment:									
1960 [2]	2,215	2,081	[3] 134	1,334	1,269	[3] 65	880	811	[3] 69
1970	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1972	6,257	5,624	540	3,534	3,195	287	2,724	2,428	253
1973	6,055	5,438	498	3,360	3,032	266	2,696	2,406	231
1974	6,316	5,589	555	3,411	3,035	280	2,905	2,555	277
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1976	7,181	6,276	749	3,673	3,250	331	3,508	3,026	417
1977	7,142	6,209	721	3,712	3,286	309	3,431	2,923	413
1978	6,995	6,077	694	3,621	3,195	305	3,373	2,882	390
1979	6,991	6,120	696	3,508	3,104	304	3,482	3,015	392
Percent of high school graduates:									
1960 [2]	23.7	24.2	[3] 18.4	30.3	31.1	[3] 20.8	17.8	17.9	[3] 16.5
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1972	31.9	32.3	27.1	38.2	38.6	33.0	26.3	26.6	22.5
1973	29.7	30.2	24.0	34.6	35.1	27.9	25.3	25.6	20.5
1974	30.5	30.5	26.6	34.7	34.6	30.5	26.7	26.8	23.7
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1976	33.1	33.0	33.5	35.6	35.4	35.4	30.9	30.7	32.0
1977	32.5	32.2	31.6	35.6	35.5	31.9	29.7	29.1	31.4
1978	31.4	31.1	29.7	34.1	33.9	31.9	28.8	28.6	28.2
1979	31.2	31.2	29.5	32.9	32.8	31.2	29.6	29.7	28.3

[1] Includes other races, not shown separately. [2] As of April. [3] Includes races other than White and Black.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, *Characteristics of the Population,* part 1; *Current Population Reports,* series P-20, Nos. 222, 303, 333, 346, and unpublished data.

No. 273. Higher Education—Faculty and Enrollment: 1960 to 1978

[As of fall. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. Except as noted, 2-year branch campuses are not counted separately and are included with 4-year institutions. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 680, H 699–705, and H 710]

ITEM	UNIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Institutions	Number	1,968	2,230	2,556	2,665	2,720	2,747	2,765	2,785	2,826	2,871
4-year	Number	1,447	1,551	1,665	1,701	1,717	1,744	1,767	1,783	1,808	1,816
2-year	Number	521	679	891	964	1,003	1,003	998	1,002	1,018	1,055
Branch campuses	Number	(NA)	(NA)	279	255	270	265	261	261	269	263
Resident staff	1,000	276	412	573	590	634	695	781	793	812	809
Instructor or above	1,000	236	340	474	500	527	567	628	633	650	647
Percent full-time	Percent	65.3	72.9	77.8	76.0	73.8	71.6	70.1	68.6	68.8	68.8
Junior instructional staff	1,000	40	72	101	90	107	128	153	160	162	162
Percent full-time	Percent	20.0	19.4	13.9	6.7	12.1	13.3	14.4	17.5	17.9	17.9
Total enrollment	**1,000**	**3,789**	**5,921**	**8,581**	**9,215**	**9,602**	**10,224**	**11,185**	**11,012**	**11,286**	**11,260**
Degree credit	1,000	3,583	5,526	7,920	8,265	8,518	9,023	9,731	(NA)	(NA)	(NA)
Male	1,000	2,257	3,375	4,637	4,701	4,771	4,989	5,321	[1] 5,811	[1] 5,789	[1] 5,641
Female	1,000	1,326	2,152	3,284	3,564	3,747	4,055	4,410	[1] 5,201	[1] 5,497	[1] 5,619
4-year institutions	1,000	3,131	4,685	6,290	6,473	6,597	6,825	7,223	[1] [2] 7,129	[1] [2] 7,243	[1] [2] 7,232
2-year institutions	1,000	451	841	1,630	1,792	1,921	2,198	2,508	[1] [2] 3,883	[1] [2] 4,043	[1] [2] 4,027
Full-time	1,000	2,466	3,910	5,488	5,647	5,683	5,817	6,147	[1] 6,717	[1] 6,793	[1] 6,668
Part-time	1,000	1,117	1,616	2,431	2,618	2,835	3,206	3,584	[1] 4,295	[1] 4,493	[1] 4,592
Public	1,000	2,116	3,624	5,800	6,159	6,389	6,838	7,426	[1] 8,653	[1] 8,847	[1] 8,786
Private	1,000	1,467	1,902	2,120	2,106	2,130	2,185	2,306	[1] 2,359	[1] 2,439	[1] 2,474
Graduate	1,000	[3] 356	697	1,031	1,066	1,123	1,190	1,263	[1] 1,085	[1] 1,085	[1] 1,081
Undergraduate [4]	1,000	3,227	4,829	6,889	7,199	7,395	7,833	8,466	[1] 9,927	[1] 10,201	[1] 10,179
Male	1,000	2,004	2,910	4,005	4,074	4,124	4,306	4,621	[1] 5,209	[1] 5,193	[1] 5,057
Female	1,000	1,223	1,919	2,884	3,125	3,271	3,527	3,847	[1] 4,719	[1] 5,008	[1] 5,122
1st time enrolled	1,000	923	1,442	1,780	1,740	1,757	1,854	1,910	[1] 2,377	[1] 2,432	[1] 2,422
4-year institutions	1,000	2,776	3,988	5,259	5,407	5,474	5,635	5,960	[1] 6,045	[1] 6,158	[1] 6,152
Full-time	1,000	2,077	3,159	4,234	4,350	4,350	4,429	4,619	[1] 4,622	[1] 4,703	[1] 4,678
Part-time	1,000	699	829	1,025	1,057	1,124	1,206	1,341	[1] 1,423	[1] 1,456	[1] 1,474
2-year institutions	1,000	451	841	1,630	1,792	1,921	2,198	2,508	[1] [2] 3,883	[1] [2] 4,043	[1] [2] 4,028
Public	1,000	1,929	3,184	5,076	5,401	5,589	5,986	6,520	[1] 7,924	[1] 8,128	[1] 8,083
Private	1,000	1,298	1,645	1,813	1,799	1,806	1,847	1,948	[1] 2,003	[1] 2,073	[1] 2,096
Nondegree credit	1,000	206	395	661	950	1,084	1,200	1,453	(NA)	(NA)	(NA)

NA Not available. [1] Total enrollment, degree and nondegree credit. [2] Branch campuses classified according to actual status, e.g., 2-year branch included in 2-year category. [3] Includes resident only. [4] Includes first-professional enrollment and unclassified students.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 274. College Enrollment, by Sex and Race: 1960 to 1979

[*In thousands, except percent,* As of October. Covers civilian noninstitutional population. Degree-credit enrollment only]

PERSONS 14–34 YEARS OLD	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	PERCENT		
											1960	1970	1979
Total [1]	**3,570**	**5,675**	**7,413**	**8,179**	**8,827**	**9,697**	**9,950**	**10,217**	**9,838**	**9,978**	**100.0**	**100.0**	**100.0**
Male	2,339	3,503	4,401	4,677	4,926	5,342	5,296	5,369	5,124	4,993	65.5	59.4	50.0
Female	1,231	2,172	3,013	3,502	3,901	4,355	4,654	4,848	4,714	4,986	34.5	40.6	50.0
White	3,342	5,317	6,759	7,324	7,781	8,516	8,644	8,812	8,514	8,709	93.6	91.2	87.3
Male	2,214	3,326	4,066	4,218	4,367	4,774	4,658	4,717	4,508	4,400	62.0	54.8	44.1
Female	1,128	1,991	2,693	3,105	3,413	3,743	3,986	4,095	4,006	4,309	31.6	36.3	43.2
Black	[2] 227	274	522	684	814	948	1,062	1,103	1,020	1,002	[2] 6.4	7.0	10.0
Male	[2] 125	126	253	358	422	442	489	490	452	434	[2] 3.5	3.4	4.3
Female	[2] 102	148	269	326	392	506	573	614	569	568	[2] 2.9	3.6	5.7

[1] Includes other races, not shown separately. [2] Includes races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, Nos. 110, 162, and 335.

No. 275. Junior (Two-Year) Colleges—Number and Enrollment: 1960 to 1978

[As of fall. Prior to 1972, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970,* series H 690–692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	UNIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Institutions	**Number**	**521**	**679**	**892**	**1,104**	**1,140**	**1,139**	**1,128**	**1,131**	**1,155**	**1,190**
Public	Number	315	420	654	866	891	897	897	904	920	922
Private	Number	206	259	238	238	249	242	231	227	235	268
Enrollment	**1,000**	**451**	**1,173**	**2,223**	**2,756**	**3,010**	**3,404**	**3,970**	**3,883**	**4,043**	**4,028**
Public	1,000	392	1,041	2,102	2,641	2,890	3,285	3,836	3,752	3,902	3,874
Private	1,000	59	132	121	115	120	119	134	132	141	154
Male	1,000	282	734	1,317	1,544	1,651	1,832	2,165	1,980	1,965	1,885
Female	1,000	169	439	906	1,212	1,359	1,572	1,805	1,903	2,078	2,143

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 276. Enrollment in Institutions of Higher Education, by Specified Minority Groups, 1968 to 1978, and by Geographic Division, 1978

[**Enrollment in thousands, except percent.** As of **fall.** Prior to 1976, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes federally controlled institutions. For composition of divisions, see fig. I, inside front cover]

Year and geographic division	Number of institutions	Total enrollment	Black enrollment		Enrollment of other minority groups				
			Number	Percent	Total	Percent	American Indian	Asian American	Spanish-surnamed American
1968, total	**2,054**	**4,820**	**287**	**6.0**	**169**	**3.5**	**29**	**48**	**91**
1970, total	**2,516**	**4,966**	**345**	**6.9**	**181**	**3.7**	**27**	**52**	**103**
1972, total	**2,665**	**5,531**	**459**	**8.3**	**219**	**4.0**	**32**	**57**	**130**
1974, total	**2,808**	**5,639**	**508**	**9.0**	**255**	**4.5**	**33**	**64**	**158**
1976, total	**2,821**	**5,755**	**605**	**10.5**	**331**	**5.8**	**38**	**101**	**191**
1978, total	**2,897**	**5,664**	**601**	**10.6**	**346**	**6.1**	**36**	**114**	**196**
New England	236	395	15	3.9	10	2.7	1	4	5
Middle Atlantic	473	941	98	10.4	57	6.1	3	14	39
East North Central	467	1,016	99	9.7	24	2.4	4	8	13
West North Central	298	478	18	3.8	10	2.2	4	3	3
South Atlantic	494	832	158	19.0	24	2.8	3	6	15
East South Central	216	361	77	21.3	3	.8	1	1	1
West South Central	244	553	72	13.0	51	9.3	5	4	43
Mountain	129	306	7	2.2	29	9.6	6	4	20
Pacific	340	782	57	7.3	137	17.5	10	70	57

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education,* biennial.

No. 277. Black Institutions of Higher Education—Number and Enrollment, by Type: 1963 to 1976

[As of **fall.** Covers primarily traditional Black institutions, which were founded principally in the South after the Civil War for the education of Blacks. **1976** data include institutions reporting enrollments which had a Black majority. Number of institutions reporting may vary]

Enrollment	1963 [1]	1968	1969	1970	1971	1972	1973	1974	1975	1976
Institutions reporting, number	107	103	(NA)	111	115	114	114	120	113	145
Enrollment (1,000)	**105.5**	**180.3**	**188.2**	**207.9**	**236.6**	**246.2**	**247.7**	**288.2**	**282.4**	**371.6**
Public: 2-year (1,000)	4.3	23.1	24.3	33.0	49.8	53.7	53.2	88.7	59.0	130.6
4-year (1,000)	60.7	99.6	106.9	115.8	124.6	130.3	132.7	137.5	156.0	160.0
Private: 2-year (1,000)	1.9	2.3	2.3	2.6	2.6	2.6	2.4	2.2	1.9	11.5
4-year (1,000)	38.6	55.3	54.7	56.6	59.6	59.6	59.4	59.8	65.5	69.6

NA Not available. [1] Enrollment figures represent resident degree-credit students, regular session only.

Source: U.S. National Center for Education Statistics, *Report on Higher Education,* 1971; and *Digest of Education Statistics,* annual.

No. 278. Foreign Student Enrollment in Institutions of Higher Education, by Region of Origin, 1975 to 1979, and by Field of Study, 1976

[Covers nonimmigrant students only]

Region of origin	Enrollment (1,000)					Region of origin	1976, percent enrolled in—		
	1975	1976	1977	1978	1979		Engineering	Science [1]	Business
All regions	**[2] 154.6**	**179.3**	**203.1**	**235.5**	**263.9**	**All regions**	**21**	**11**	**14**
Africa	18.4	25.3	25.9	29.6	34.0	Africa	14	14	18
Asia [3]	82.4	97.1	108.5	131.0	147.3	Asia [3]	26	12	14
Taiwan	10.3	11.3	12.1	13.7	15.5	Taiwan	26	27	8
Hong Kong	11.1	11.9	11.0	12.1	10.5	Hong Kong	19	15	21
India	9.7	9.6	9.4	9.1	9.4	India	35	17	15
Iran	13.8	19.9	23.3	36.2	45.3	Iran	40	8	10
Europe	13.7	14.4	16.7	19.3	21.7	Europe	12	12	13
Latin America [4]	26.3	29.8	37.2	38.8	41.1	Latin America [4]	18	11	13
North America	8.6	9.7	11.4	12.9	15.5	North America	6	7	9
Canada	8.4	9.5	11.1	12.6	15.1	Canada	6	7	8
Oceania	5.2	2.7	3.2	3.8	4.1	Oceania	4	9	10

[1] Physical and life sciences. [2] Distribution by region estimated for 30,416 students whose origin was unknown. [3] Includes countries not shown separately. [4] Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors,* annual. (Copyright.)

No. 279. Institutions of Higher Education—Number and Enrollment of Total and of First-Time Students, by States and Other Areas: 1970 and 1978

[Number of institutions for academic year beginning 1978. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III]

STATE OR OTHER AREA	1970		1978								
	Total enrollment (1,000)	First-time students (1,000)	Number of institutions [1]	ENROLLMENT (1,000)							
				Total	Male	Female	Public	Private	First-time	Full-time	Part-time
U.S	**8,580.9**	**2,063.4**	**3,134**	**11,260.1**	**5,641.0**	**5,619.1**	**8,785.9**	**2,474.2**	**2,389.6**	**6,667.7**	**4,592.4**
N.E	**560.1**	**141.5**	**251**	**713.1**	**355.5**	**357.6**	**366.3**	**346.8**	**157.9**	**457.6**	**255.5**
Maine	34.1	10.0	27	41.5	21.0	20.5	30.1	11.3	8.9	28.1	13.4
N.H	29.4	7.6	24	41.5	22.1	19.5	23.1	18.5	11.1	31.3	10.2
Vt	22.2	6.0	21	29.6	13.6	15.9	17.5	12.0	6.6	22.6	7.0
Mass	303.8	76.1	119	384.5	192.4	192.1	168.9	215.6	84.1	251.8	132.7
R.I	45.9	10.7	13	63.6	32.2	31.4	33.3	30.3	13.8	40.4	23.1
Conn	124.7	31.1	47	152.4	74.2	78.2	93.3	59.2	33.4	83.3	69.1
M.A	**1,433.6**	**319.5**	**527**	**1,736.4**	**860.8**	**875.6**	**1,058.8**	**677.6**	**344.4**	**1,096.5**	**640.0**
N.Y	806.5	172.1	286	955.5	469.7	485.8	541.7	413.8	179.3	612.9	342.7
N.J	216.1	56.9	63	308.3	148.9	159.4	236.5	71.8	64.1	162.8	145.5
Pa	411.0	90.5	178	472.6	242.2	230.4	280.5	192.0	101.0	320.8	151.8
E.N.C	**1,615.9**	**388.7**	**511**	**2,011.5**	**1,010.3**	**1,001.2**	**1,616.1**	**395.4**	**460.1**	**1,179.2**	**832.3**
Ohio	376.3	88.4	133	450.6	227.2	223.4	350.7	100.0	96.6	283.7	166.9
Ind	192.7	43.3	66	222.8	116.1	106.7	168.5	54.3	49.6	148.2	74.6
Ill	452.1	114.8	154	611.4	298.8	312.6	465.0	146.4	137.8	318.2	293.2
Mich	392.7	90.8	96	485.3	244.4	240.9	422.7	62.6	104.8	268.6	216.7
Wis	202.1	51.4	62	241.4	123.9	117.5	209.2	32.1	71.2	160.4	81.0
W.N.C	**665.1**	**165.8**	**328**	**811.8**	**413.7**	**398.2**	**623.4**	**188.4**	**188.5**	**555.2**	**256.7**
Minn	160.8	36.7	65	189.1	92.7	96.4	149.0	40.1	39.9	130.4	58.7
Iowa	108.9	29.3	62	129.2	67.0	62.2	88.7	40.5	36.5	100.8	28.4
Mo	183.9	41.3	84	221.3	114.6	106.7	152.2	69.1	46.7	139.1	82.2
N. Dak	31.5	9.4	16	32.3	17.1	15.2	30.2	2.1	9.1	27.2	5.1
S. Dak	60.6	7.7	18	30.9	16.3	14.6	22.6	8.3	7.5	25.3	5.7
Nebr	66.9	15.3	31	81.7	42.3	39.4	67.1	14.6	20.6	52.4	29.3
Kans	102.5	26.1	52	127.3	63.6	63.8	113.6	13.7	28.2	80.0	47.3
S.A	**1,070.6**	**277.6**	**515**	**1,609.6**	**793.3**	**816.4**	**1,278.1**	**331.5**	**342.2**	**977.3**	**632.3**
Del	25.3	6.8	10	30.9	14.5	16.4	26.4	4.5	7.8	19.8	11.1
Md	149.6	33.6	54	214.7	100.1	114.7	166.6	28.2	50.2	107.3	107.4
D.C	77.2	10.4	16	81.8	42.4	39.4	13.7	68.1	10.3	45.8	36.0
Va	151.9	43.4	71	258.4	121.5	136.9	226.1	32.3	39.6	149.8	108.6
W. Va	63.2	15.9	28	79.0	38.7	40.3	68.4	10.6	16.5	48.4	30.6
N.C	171.9	57.2	126	262.8	130.6	132.1	205.2	57.6	79.2	187.2	75.5
S.C	69.5	23.8	61	130.1	67.9	62.1	102.1	27.9	35.8	91.1	39.0
Ga	126.5	27.6	72	174.9	88.2	86.7	138.6	36.3	32.7	120.6	54.2
Fla	235.5	56.9	77	377.1	189.3	187.8	311.1	66.0	70.1	207.2	169.9
E.S.C	**411.6**	**98.8**	**222**	**586.5**	**289.3**	**297.2**	**483.7**	**102.8**	**139.4**	**406.8**	**179.7**
Ky	98.6	21.3	42	132.7	63.9	68.8	107.9	24.8	27.8	69.3	43.4
Tenn	135.1	29.1	76	194.7	97.8	96.8	148.6	46.0	44.9	130.4	64.2
Ala	103.9	25.5	58	161.6	81.0	80.8	140.7	20.9	39.7	113.6	48.0
Miss	74.0	22.9	46	97.6	46.5	51.0	86.5	11.0	27.1	73.5	24.1
W.S.C	**725.1**	**170.1**	**256**	**1,029.9**	**532.2**	**497.7**	**897.4**	**132.6**	**221.0**	**647.9**	**382.0**
Ark	52.0	13.5	34	72.3	35.5	36.8	62.1	10.2	17.4	52.7	19.6
La	120.7	27.2	32	152.2	75.8	76.4	130.1	22.1	34.7	110.1	42.1
Okla	110.2	27.4	43	149.4	78.0	71.4	128.3	21.1	29.9	96.0	53.4
Tex	442.2	102.0	147	656.0	342.9	313.1	576.8	79.2	139.0	389.1	266.9
Mt	**452.8**	**107.9**	**133**	**597.5**	**311.4**	**286.1**	**528.1**	**69.4**	**135.6**	**354.8**	**242.7**
Mont	30.1	7.3	13	31.1	15.9	15.2	27.7	3.4	6.5	24.2	6.9
Idaho	34.6	11.6	9	39.3	20.0	19.3	30.7	8.5	10.0	27.3	12.0
Wyo	15.2	4.8	8	19.9	9.7	10.2	19.9	–	5.3	11.7	8.3
Colo	123.4	28.9	41	152.4	79.4	73.0	137.7	14.6	29.3	99.1	53.3
N. Mex	44.5	9.4	19	55.7	28.3	27.4	52.0	3.8	9.1	35.3	20.5
Ariz	109.6	25.9	23	176.6	90.4	86.2	171.6	5.1	47.5	83.6	93.0
Utah	61.7	16.6	14	89.0	50.3	38.7	55.2	33.8	20.5	63.2	25.8
Nev	13.7	3.4	6	33.5	17.4	16.1	33.3	.2	7.4	10.6	23.0
Pac	**1,609.0**	**388.9**	**382**	**2,145.7**	**1,057.6**	**1,088.1**	**1,916.1**	**229.6**	**396.2**	**974.6**	**1,171.1**
Wash	183.5	53.3	49	275.3	131.3	144.0	249.4	25.9	23.6	143.1	132.2
Oreg	122.2	37.7	43	146.3	74.3	72.1	129.7	16.6	39.9	84.2	62.2
Calif	1,257.2	284.8	262	1,650.2	815.6	834.6	1,467.6	182.6	316.6	711.4	938.7
Alaska	9.5	2.2	16	26.4	11.3	15.0	25.9	.5	7.0	6.3	20.0
Hawaii	36.6	10.9	12	47.5	25.1	22.4	43.5	4.0	9.1	29.5	18.0
U.S. military [2]	**17.1**	**4.3**	**9**	**17.9**	**16.9**	**1.0**	**18.0**	**–**	**4.4**	**17.9**	**.1**
Other [3]	**68.5**	**16.8**	**39**	**131.9**	**56.8**	**75.0**	**57.3**	**74.6**	**32.8**	**103.0**	**28.9**
P. Rico	63.1	15.5	34	124.0	53.4	70.6	49.4	74.6	31.3	99.8	24.2
Canal Zone	1.2	.6	1	1.6	.7	.9	1.6	–	.2	.4	1.2
Guam	2.7	.6	1	3.2	1.5	1.7	3.2	–	.8	1.6	1.6
Virgin Is	1.4	.2	1	1.8	.6	1.3	1.8	–	.1	.5	1.3

– Represents zero. [1] Branch campuses counted separately. [2] Military academies. [3] Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education, annual.*

NO. 280. COLLEGE ENROLLMENT OF DEPENDENT FAMILY MEMBERS, 18 TO 24 YEARS OLD, BY FAMILY INCOME, IN CONSTANT (1967) DOLLARS: 1967 TO 1977

[**As of October.** Income in constant **1967** dollars. Covers civilian noninstitutional population. Degree credit enrollment. A dependent family member is a relative of the family head, excluding the head's spouse. Such persons are generally sons and daughters of the family head. Based on Current Population Survey; see text, p. 1]

FAMILY INCOME		1967	1970	1971	1972	1973	1974	1975	1976	1977
1967	1977 income in 1967 dollars[1]									
		ENROLLMENT (1,000)								
All dependent family members [2]		4,183	4,555	4,765	4,811	4,639	4,611	5,223	5,515	5,454
Less than $5,000	Less than $9,000	373	509	593	585	491	518	659	685	693
$5,000–$9,999	$9,000–$18,000	1,246	1,571	1,567	1,486	1,293	1,308	1,622	1,682	1,632
$10,000–$14,999	$18,000–$27,000	875	1,149	1,136	1,186	1,197	1,228	1,272	1,363	1,520
$15,000 and over	$27,000 and over	617	977	1,095	1,173	1,185	1,126	1,172	1,267	1,091
		PERCENT OF POPULATION ENROLLED								
All dependent family members [2]		39.1	39.1	38.9	37.8	36.6	36.2	38.7	38.8	37.9
Less than $5,000	Less than $9,000	20.0	20.8	22.8	22.6	20.1	20.3	23.5	22.4	22.6
$5,000–$9,999	$9,000–$18,000	37.9	36.6	35.4	34.2	31.2	31.7	35.1	36.3	34.4
$10,000–$14,999	$18,000–$27,000	51.9	48.4	46.4	44.2	42.7	41.4	45.4	47.5	46.4
$15,000 and over	$27,000 and over	68.3	61.7	61.8	56.9	56.6	57.5	59.6	58.2	59.8

[1] Approximate comparable buying power of 1967 dollars in 1977. [2] Includes members with income not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 319, and unpublished data.

NO. 281. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1981

[For years ending **June 30,** except College Work-Study for calender year **1970** and, beginning **1976,** Guaranteed Student Loan as of **September 30.** For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students]

PROGRAM	1970	1974	1975	1976	1977	1978	1979, prel.	1980, prel.	1981, proj.
Basic Educational Opportunity Grants:									
Number of recipients (1,000)	(X)	185.2	573.4	1,228.0	1,945.4	1,864.0	1,893.0	2,700.0	2,600.0
Funds utilized (mil. dol.)	(X)	51	357	937	1,474	1,588	1,561	2,311	2,322
Average grant (dol.)	(X)	269	621	763	757	852	825	855	893
Supplemental Educational Opportunity Grants:[1]									
Number of recipients (1,000)	258.2	331.5	[2] 395.0	390.0	[2] 447.0	499.0	510.0	614.7	650.0
Funds utilized (mil. dol.)	113	189	[2] 200	201	[2] 244	257	257	330	358
Average grant (dol.)	440	560	[2] 506	513	[2] 546	515	522	537	551
National Direct Student Loans:									
Number of recipients (1,000)	456.0	655.0	680.0	690.0	[2] 764.0	795.1	808.6	861.4	861.0
Loan funds utilized [3] (mil. dol.)	246	433	440	460	[2] 560	615	640	711	711
Average loan (dol.)	540	661	647	667	[2] 732	773	792	825	826
Loans in default (mil. dol.)	(NA)	(NA)	(NA)	(NA)	582	702.5	(NA)	(NA)	(NA)
Default rate [4] (percent)	(NA)	(NA)	(NA)	(NA)	16.9	17.4	(NA)	(NA)	(NA)
College Work-Study:									
Number of recipients (1,000)	425.0	567.0	570.0	[2] 575.0	[2] 973.0	845.3	852.5	972.5	980.0
Funds utilized [3] (mil. dol.)	200	288	295	[2] 300	[2] 506	469	488	597	609
Average annual earnings (dol.)	470	500	520	[2] 520	[2] 520	555	573	614	622
Guaranteed Student Loans:									
Number of recipients (1,000)	787.3	937.5	990.4	[5] 1,298.6	972.6	1,085.0	[6] 1,509.5	1,823.0	[7] 1,350.0
Loan funds utilized (mil. dol.)	687	1,139	1,298	[5] 1,828	1,537	1,959	[6] 2,987	3,960	[7] 2,160
Average loan (dol.)	872	1,215	1,311	[5] 1,408	1,581	1,806	[6] 1,977	2,170	[7] 1,600
Loans in default [8] (mil. dol.)	(NA)	(NA)	(NA)	(NA)	(NA)	536	631	720	805
Default rate [4 8] (percent)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.2	8.0	7.8

NA Not available. X Not applicable. [1] For 1970, data represents Educational Opportunity Grants Program. [2] Estimated. [3] Includes institutional matching funds. [4] Loans in default as a percent cumulative matured loans. [5] Data for 15 months, July 1, 1975 to September 30, 1976 [6] Final data. [7] Reflects loan data included under proposed legislation for the "Government Student Loan Association" for Supplemental Guaranteed Student Loans. [8] Represents only loans under Federal Insured Student loan program; however, it is estimated that as of March 31, 1979, an additional $479 million is in default at the Guarantee Agency level.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book,* 1980.

NO. 282. COLLEGE ENROLLMENT OF THE POPULATION, 14 TO 34 YEARS OLD, BY MAJOR FIELD OF STUDY AND SEX: 1966 TO 1978

[**In thousands, except percent.** As of **October.** Covers civilian noninstitutional population. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 1]

MAJOR FIELD OF STUDY	1966, total	1972, total	1974			1978			PERCENT DISTRIBUTION		
			Total	Male	Female	Total	Male	Female	1966	1972	1978
Total enrollment [1]	**5,999**	**8,313**	**8,827**	**4,926**	**3,901**	**9,838**	**5,124**	**4,714**	**100.0**	**100.0**	**100.0**
Agriculture, forestry	73	97	104	90	14	[2] 144	[2] 82	[2] 62	1.2	1.2	[2] 1.5
Biological sciences	602	257	327	193	134	303	155	148	10.0	3.1	3.1
Health, medical profession		695	801	288	514	872	303	569		8.4	8.9
Business, commerce	686	1,157	1,376	940	436	1,956	1,138	819	14.8	13.9	19.9
Education	1,118	1,007	1,158	318	841	781	180	601	18.6	12.1	7.9
Engineering	534	357	410	382	28	565	498	66	8.9	4.3	5.7
English, journalism	620	291	264	109	156	192	68	125	10.3	3.5	2.0
Other humanities		455	404	209	194	741	325	416		5.5	7.5
Law	(NA)	237	271	208	63	220	150	70	(NA)	2.9	2.2
Mathematics, statistics [3]	236	239	168	93	75	142	90	52	3.9	2.9	1.4
Physical sciences	226	157	134	97	36	193	132	61	3.8	1.9	2.0
Social sciences	642	954	771	429	342	763	374	389	10.7	11.5	7.8

NA Not available. [1] Includes other, not shown separately. [2] Includes home economics. [3] Includes computer sciences.
Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, Nos. 183, 260, 289, and 351.

NO. 283. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES: 1975 TO 1979

[**In dollars.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

FIELD OF STUDY	BACHELOR'S				MASTER'S [1]				DOCTOR'S			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
Accounting	981	1,062	1,124	1,206	(NA)	1,247	1,332	1,416	(NA)	(NA)	(NA)	(NA)
Business, general [2]	843	927	993	1,102	1,250	1,410	1,498	1,611	(NA)	(NA)	(NA)	(NA)
Marketing [3]	801	896	960	1,040	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering: Civil	1,064	1,185	1,288	1,402	1,183	1,342	1,463	1,595	1,382	1,625	1,830	2,260
Chemical	1,196	1,389	1,513	1,642	1,310	1,509	1,629	1,779	1,645	1,882	2,074	2,231
Electrical [4]	1,081	1,245	1,367	1,520	1,228	1,410	1,557	1,731	1,550	1,811	1,974	2,221
Mechanical	1,122	1,286	1,404	1,536	1,274	1,438	1,571	1,716	1,624	1,777	2,030	2,160
Chemistry	956	1,102	1,191	1,332	1,118	1,321	1,426	1,552	1,503	1,725	1,859	2,017
Mathematics	915	1,073	1,165	1,324	1,138	1,285	1,417	1,502	1,523	1,704	1,880	2,070
Physics	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	1,698	1,904	2,093
Humanities	723	810	871	983	931	1,004	1,008	1,132	(NA)	(NA)	(NA)	(NA)
Social sciences	770	863	893	972	953	1,036	1,102	1,254	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Candidates with 1 year or less of full-time nonmilitary employment. [2] For master's degrees, offers are after nontechnical undergraduate degree. [3] Includes distribution. [4] Includes computer engineering in 1979.
Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers,* annual. (Copyright.)

NO. 284. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1979

[**1967=100.** For years ending **June 30.** Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965	91	[1] 4.3	89	89	94	78	96	95	96	95	91	100
1970	121	[2] 5.9	124	121	118	146	111	113	106	111	121	104
1971	129	6.5	131	128	127	162	119	119	110	115	145	115
1972	136	5.4	138	133	136	160	126	126	113	119	164	122
1973	143	5.3	146	138	144	198	132	132	116	123	177	129
1974	153	7.1	155	145	153	222	145	138	132	131	195	158
1975	166	8.6	166	154	166	241	169	150	164	154	220	203
1976	177	6.6	176	162	179	267	180	157	172	163	252	219
1977	189	6.5	187	169	192	295	195	167	181	172	268	258
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.8	215	189	223	359	226	187	203	198	316	321

[1] Change from 1964. [2] Change from 1965.
Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes, 1978,* with annual supplements.

NO. 285. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1980

[**In dollars.** Estimated. Represents average charges per full-time resident degree-credit student]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
1965: Public	243	99	298	224	436	361	462	402	271	178	291	241
Nonpublic	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
1970: Public	323	178	427	306	511	465	540	483	370	308	395	347
Nonpublic	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
1975: Public	432	277	599	448	644	638	634	613	506	424	527	497
Nonpublic	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1978: Public	517	301	732	582	758	796	788	722	623	493	647	620
Nonpublic	2,582	1,601	3,354	2,362	851	818	965	798	719	643	874	651
1979: Public	554	354	770	614	796	796	827	764	659	535	639	647
Nonpublic	2,773	1,764	3,643	2,562	904	866	1,021	851	780	714	940	710
1980: Public	593	379	824	657	852	852	885	817	705	572	737	672
Nonpublic	3,044	1,923	3,971	2,793	985	944	1,113	928	850	778	1,025	774
Average annual percent change, public:												
1965–1970	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970–1975	6.0	9.3	7.0	7.9	4.7	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975–1980	6.5	6.5	6.6	8.0	5.8	6.0	6.9	5.9	6.9	6.2	6.9	6.2

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual and *Projections of Education Statistics,* annual.

NO. 286. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL FACULTY AND ADMINISTRATIVE OFFICERS: 1960 TO 1978

[**For fiscal years ending in year stated.** For 4-year colleges and universities. Figures for instructional faculty are for 9 months of full-time teaching; for others, usually for 11 or 12 months of service. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series D 913]

POSITION	MEDIAN ANNUAL SALARIES ($1,000)								AVERAGE ANNUAL PERCENT CHANGE	
	1960	1964	1968	1970	1972	1974	1976	1978[1]	1960–1970	1970–1978
Instructional faculty: All ranks	6.7	8.2	10.2	11.7	12.9	14.4	16.3	17.8	5.7	5.4
Professors	9.1	11.3	14.7	16.8	18.1	19.9	22.2	24.4	6.3	4.8
Associate professors	7.3	9.0	11.4	13.0	14.0	15.3	17.1	18.7	5.9	4.7
Assistant professors	6.2	7.5	9.5	10.7	11.5	12.6	14.1	15.3	5.6	4.6
Instructors	5.1	6.1	7.5	8.4	9.2	10.2	11.4	12.3	5.1	4.9
Administrative officers:										
President	13.8	17.3	22.3	26.0	29.8	31.3	(NA)	(NA)	6.5	[2] 4.8
Vice-President	14.2	17.1	21.5	23.3	26.3	27.7	(NA)	(NA)	5.1	[2] 4.4
Dean of the college	10.7	13.6	16.1	19.1	20.0	22.0	(NA)	(NA)	6.0	[2] 3.6
Dean of students	8.8	10.7	14.1	16.1	17.8	19.1	(NA)	(NA)	6.2	[2] 4.4

NA Not available. [1] Represents only faculty on 9-month contracts; prior years included 9-month equivalents for faculty on 11- or 12-month contract. [2] Percent change, 1970–1974.

Source: National Education Association, Washington, D.C., Research Memo, 1977-1, *Summary of Salaries Paid in Higher Education,* biennial and, *Quartiles of Faculty Salaries Paid in Higher Education, 1977-78.* (Copyright © 1979 by the National Education Association. All rights reserved.)

NO. 287. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1979

[Includes Puerto Rico and outlying areas]

ITEM	All institutions [1]	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
PUBLIC INSTITUTIONS									
Total faculty	289,280	91,408	114,320	83,552	68,425	69,036	70,616	23,602	4,936
With tenure	172,003	57,248	70,690	44,065	63,588	56,590	22,632	2,796	801
Percent	59.5	62.6	61.8	52.7	92.9	82.0	32.0	11.8	16.2
PRIVATE INSTITUTIONS									
Total faculty	106,688	32,909	68,907	4,872	29,511	27,547	31,471	10,530	981
With tenure	49,671	17,699	30,993	979	24,703	18,276	5,411	267	13
Percent	46.6	53.8	45.0	20.1	83.7	66.3	17.2	2.7	1.3

[1] Includes instructional faculty with no academic rank, not shown separately.

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

NO. 288. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1960 TO 1978

[**In millions of dollars.** For years ending **June 30.** For coverage, see headnote, table 273. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 716-738 and H 747-749]

ITEM	1960	1970	1973	1974	1975	1976	1977	1978
Current income	**5,786**	**21,515**	**28,606**	**31,712**	**35,687**	**39,703**	**43,437**	**47,034**
Educational and general	4,688	16,486	22,127	24,628	(X)	(X)	(X)	(X)
Tuition and fees	1,157	4,420	6,011	6,500	7,233	8,172	9,025	9,855
Percent of current income	20.0	20.5	21.0	20.5	20.3	20.6	20.8	21.0
Federal government	1,037	2,682	3,393	3,520	4,991	5,414	5,730	6,969
State government	1,374	5,788	7,918	9,182	10,857	12,261	13,286	14,746
Local government	152	775	1,144	1,263	1,424	1,617	1,627	1,744
Endowment earnings	207	447	515	577	718	687	765	832
Private gifts and grants[1]	383	1,001	1,300	1,431	1,745	1,917	2,105	2,320
Related activities[2]	379	1,373	1,846	2,155	[3] 555	[3] 645	[3] 779	[3] 883
Auxiliary enterprises	1,004	2,900	3,467	3,734	4,080	4,548	4,920	5,328
Other current income[4]	*93*	*2,129*	*3,012*	*3,350*	*4,083*	*4,442*	*5,201*	*5,211*
Plant-fund receipts[5]	1,309	(NA)	(NA)	(NA)	3,311	3,910	3,417	5,738
Increase of endowment funds	[6] 419	368	852	336	[6] 486	[6] 959	1,117	1,124
Current expenditures	**5,601**	**21,043**	**27,956**	**30,713**	**35,058**	**38,903**	**42,600**	**45,971**
Educational and general	4,513	15,789	21,078	23,257				
Administration and general expense	583	2,628	3,713	4,201				
Instruction and departmental research[7]	1,793	7,653	10,528	11,574				
Organized research	1,022	2,144	2,394	2,480				
Plant operation and maintenance	470	1,542	2,141	2,494	([8])	([8])	([8])	([8])
Related activities	303	648	791	838				
Libraries, extension, and public services	341	1,174	1,510	1,670				
Auxiliary enterprises and activities[4]	916	4,270	5,555	6,060				
Scholarships, fellowships, and prizes	172	985	1,322	1,396				
Gross addition to plant value[9]	1,192	4,233	3,967	4,312	4,761	4,702	4,623	4,527
Value of plant (grounds, buildings, equip.)	13,449	42,094	53,815	58,004	62,183	66,348	70,739	74,771
Endowment (book value)[10]	5,445	10,854	13,000	13,303	13,403	13,952	14,747	15,566

NA Not available. X Not applicable. [1] Beginning 1970, private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. [2] 1960-1974, represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. [3] Represents sales and services of educational activities only. [4] Beginning 1970, includes "major public service programs" previously reported under "educational and general." [5] Beginning 1975, annual net increase in plant funds. [6] Includes increase in student loan and annuity funds. [7] Beginning 1970, includes "other sponsored programs." [8] Figures not available on comparable basis with earlier years because of revised reporting. For later data, see table 289. [9] Includes expenditures from current funds for plant expansion. [10] Includes funds functioning as endowment and, for 1960, annuity funds.

Source: U.S. National Center for Education Statistics, 1960, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual.

NO. 289. INSTITUTIONS OF HIGHER EDUCATION—CURRENT EXPENDITURES, BY TYPE OF SCHOOL: 1975 TO 1978

[**In millions of dollars.** For years ending **June 30**]

PURPOSE	1975			1977			1978		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
Total expenditures[1]	**35,058**	**23,490**	**11,568**	**42,600**	**28,635**	**13,965**	**45,971**	**30,725**	**15,246**
Educational and general	27,548	19,092	8,455	33,152	22,997	10,156	36,257	25,149	11,108
Instruction	11,798	8,574	3,224	14,031	10,202	3,829	15,336	11,148	4,188
Institutional support	3,057	1,917	1,140	3,762	2,389	1,372	4,142	2,625	1,517
Research	3,132	2,042	1,090	3,600	2,351	1,249	3,920	2,583	1,336
Plant operation[2]	2,787	1,935	852	3,437	2,409	1,027	3,795	2,664	1,131
Academic support	2,256	1,612	644	2,795	2,009	786	3,130	2,259	871
Libraries	1,002	680	322	1,250	844	407	1,349	901	447
Student services	1,439	985	454	1,828	1,259	570	2,035	1,398	636
Scholarships and fellowships	1,450	719	731	1,770	859	911	1,839	841	998
Unrestricted funds	632	267	365	749	291	458	818	306	513
Restricted funds	818	452	366	1,021	568	454	1,021	535	486
Public service	1,098	924	174	1,343	1,112	232	1,425	1,191	234
Mandatory transfers	532	386	147	585	406	178	634	439	195
Auxiliary enterprises[1]	4,074	2,537	1,537	4,858	3,087	1,771	5,261	3,344	1,917
Hospitals[1]	2,351	1,369	982	3,155	1,925	1,230	3,598	2,187	1,410
Independent operations[1]	1,087	492	594	1,435	625	809	855	45	810

[1] Includes mandatory transfers which are primarily current expenditures for plant. [2] Includes maintenance.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 290. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION, BY TYPE OF INSTITUTION, PURPOSE, AND SOURCE: 1965 TO 1979

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	UNIT	1965	1970	1973	1974	1975	1976	1977	1978	1979
Estimated support, total	**Mil. dol**	**1,400**	**1,780**	**2,240**	**2,240**	**2,160**	**2,410**	**2,670**	**3,040**	**3,230**
Foundations	Mil. dol	402	434	524	535	497	549	558	623	700
Individuals	Mil. dol	628	822	1,136	1,065	1,002	1,157	1,284	1,480	1,520
Alumni	Mil. dol	280	381	536	509	486	588	638	714	784
Non-alumni	Mil. dol	348	441	600	556	516	569	646	766	736
Business corporations	Mil. dol	196	269	320	354	357	379	446	508	554
Religious denominations	Mil. dol	101	102	99	116	112	130	136	158	161
Other	Mil. dol	73	153	161	170	192	195	246	271	295
Current operations	Mil. dol	603	951	1,230	1,300	1,370	1,480	1,620	1,825	1,912
Capital purposes	Mil. dol	797	829	1,010	940	790	930	1,050	1,215	1,318
Enrollment, higher education	1,000	(NA)	8,005	9,215	9,602	10,224	11,291	11,121	11,415	11,392
Support per student	Dol	(NA)	222	243	233	211	213	240	266	284
In **1967** dollars	Dol	(NA)	196	188	166	137	128	136	141	138
Expenditures, higher education	Bil. dol	(NA)	24.7	31.4	34.3	38.9	42.7	45.5	50.0	54.0
Expenditures per student	Dol	(NA)	3,090	3,410	3,570	3,805	3,780	4,090	4,380	4,740
In **1967** dollars	Dol	(NA)	2,730	2,640	2,540	2,460	2,280	2,325	2,324	2,297
Institutions reporting support	Number	1,064	1,045	1,020	988	986	991	1,006	1,065	972
Total support reported	**Mil. dol**	**1,245**	**1,472**	**1,751**	**1,747**	**1,675**	**1,891**	**2,139**	**2,348**	**2,556**
Percent of estimated support	Percent	89	83	78	78	78	78	80	77	79
Average per institution	$1,000	1,170	1,409	1,717	1,768	1,698	1,908	2,126	2,206	2,630
Private 4-yr. institutions	Mil. dol	1,032	1,154	1,342	1,342	1,227	1,396	1,559	1,702	1,823
Public 4-yr. institutions	Mil. dol	195	292	383	386	431	477	562	623	715
Junior colleges	Mil. dol	18	26	25	19	17	18	18	23	18

NA Not available.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

NO. 291. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PLANT AND CURRENT OPERATIONS EXPENDITURE, STATES AND OTHER AREAS: 1975 AND 1978

[**In millions of dollars.** For years ending **June 30.** Value of plant includes grounds, buildings, and equipment]

STATE	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE [1]		EXPENDITURE, CURRENT OPERATIONS		STATE OR OTHER AREA	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE [1]		EXPENDITURE, CURRENT OPERATIONS	
	1975	1978	1975	1978	1975	1978		1975	1978	1975	1978	1975	1978
U.S.	**62,183**	**74,771**	**4,761**	**4,526**	**35,058**	**45,971**	Mont	206	235	8	14	92	119
							Nebr	516	573	67	30	250	359
Ala	806	1,053	83	86	492	710	Nev	91	141	12	16	50	73
Alaska	161	179	12	21	71	121	N.H	292	337	10	15	162	214
Ariz	586	714	44	43	354	494	N.J	1,643	1,990	190	185	765	1,046
Ark	384	513	41	52	206	287	N. Mex	304	407	25	37	145	221
Calif	5,444	6,771	463	560	4,393	5,659	N.Y	6,637	7,646	396	250	3,734	4,481
Colo	720	863	63	41	483	631	N.C	1,520	1,857	121	92	967	1,211
Conn	1,043	1,166	68	41	506	654	N. Dak	220	258	9	13	101	143
Del	254	297	21	15	96	128							
							Ohio	2,814	3,289	172	146	1,382	1,770
D.C.	671	756	57	71	460	628	Okla	709	855	75	51	329	487
Fla	1,360	1,719	121	134	911	1,188	Oreg	701	840	46	41	389	543
Ga	1,154	1,346	90	64	607	798	Pa	3,529	4,255	207	295	1,872	2,507
Hawaii	224	333	28	68	140	172	R.I	415	451	20	10	192	247
Idaho	225	283	15	17	104	147	S.C	761	901	93	60	390	516
Ill	3,279	3,923	275	185	1,990	2,613	S. Dak	181	187	6	10	105	122
Ind	1,775	1,951	112	69	823	1,029	Tenn	1,172	1,372	141	75	620	826
Iowa	964	1,254	92	99	536	735							
							Texas	3,032	4,060	342	481	1,575	2,318
Kans	637	791	29	42	352	480	Utah	507	584	47	43	296	408
Ky	926	1,156	53	83	413	561	Vt	240	269	13	13	119	153
La	897	1,183	43	80	426	589	Va	1,213	1,415	124	84	655	929
Maine	248	277	16	8	134	171	Wash	1,342	1,636	79	98	620	823
Md	1,144	1,415	134	81	726	970	W. Va	593	721	27	19	164	215
Mass	2,440	2,809	134	118	1,467	1,841	Wis	1,583	1,888	94	89	839	1,080
Mich	2,569	3,033	164	148	1,417	1,833	Wyo	119	136	6	9	60	80
Minn	1,434	1,658	137	95	749	882	U.S. acad. [2]	664	798	20	15	322	416
Miss	495	627	37	39	304	429	Outlying areas	241	298	12	33	243	311
Mo	1,339	1,602	80	75	706	918							

[1] Includes expenditures from current funds for plant expansion. [2] Military academies.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

No. 292. Earned Degrees Conferred, by Level of Degree: 1950 to 1978

[**In thousands, except percent.** Includes Puerto Rico; **1965,** Guam; and **1970,** Virgin Islands. See *Historical Statistics, Colonial Times to 1970,* series H 751-763, for similar data. See also Appendix III]

Year	Total		Bachelor's [1]		Master's [2]		Doctorates		Percent of total		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's [1]	Master's [2]	Doctorates
1950	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1971	1,148	59.3	514	370	139	93	27.5	4.6	77.0	20.2	2.8
1972	1,224	59.1	545	393	150	103	28.1	5.3	76.6	20.7	2.7
1973	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978	1,341	53.2	544	454	161	150	23.7	8.5	74.4	23.2	2.4

[1] Includes 1st professional degrees. [2] Includes 2d level degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred,* annual.

No. 293. Degrees Conferred in Selected Professions: 1950 to 1978

[First professional degrees for medicine, dentistry, and law. NA=Not available. See Appendix III]

Type of degree	1950	1955	1960	1965	1970	1975	1976	1977	1978
Medicine (M.D.):									
Institutions conferring degrees	72	72	79	81	86	104	107	109	109
Degrees conferred, total	5,612	7,014	7,032	7,304	8,314	12,447	13,426	13,461	14,279
Men	5,028	6,683	6,645	6,832	7,615	10,818	11,252	10,891	11,210
Women	584	331	387	472	699	1,629	2,174	2,570	3,069
Dentistry (D.D.S. or D.M.D.):									
Institutions conferring degrees	40	42	45	45	48	52	56	57	57
Degrees conferred, total	2,579	3,099	3,247	3,107	3,718	4,773	5,425	5,138	5,189
Men	2,561	3,071	3,221	3,085	3,684	4,627	5,187	4,764	4,623
Women	18	28	26	22	34	146	238	374	566
Law (L.L.B. or J.D.):									
Institutions conferring degrees	(NA)	128	134	134	145	154	166	169	169
Degrees conferred, total	(NA)	8,209	9,240	11,583	14,916	29,296	32,293	34,104	34,402
Men	(NA)	7,921	9,010	11,216	14,115	24,881	26,085	26,447	25,457
Women	(NA)	288	230	367	801	4,415	6,208	7,657	8,945
Engineering:									
Degrees conferred, total	58,066	27,527	45,624	50,664	63,753	65,308	65,494	68,114	74,492
Bachelor's	52,668	22,445	37,679	36,485	44,479	46,852	46,331	49,283	55,654
Master's	4,904	4,483	7,159	12,055	15,593	15,348	16,342	16,245	16,398
Doctorates	494	599	786	2,124	3,681	3,108	2,821	2,586	2,440

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 294. Earned Degrees Below Bachelor's, by Curriculum: 1971 to 1978

[**In thousands, except percent.** Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

Type of curriculum	1971	1973	1974	1975	1976	1977	1978	Percent female			
								1971	1975	1977	1978
All degrees	303.4	389.0	429.7	446.5	487.7	511.0	524.0	44.5	46.7	48.9	50.9
Arts, science (incl. general programs)	150.0	165.0	169.2	171.4	174.7	176.0	172.0	43.2	45.3	47.4	49.6
Occupational [1]	153.5	224.0	260.5	277.2	313.0	334.5	352.0	45.7	47.8	49.7	51.5
Science and engineering	87.7	129.8	147.3	159.0	174.8	186.4	194.3	42.0	47.9	48.3	49.2
Health service	34.5	58.9	70.3	76.7	83.5	88.0	90.6	91.6	87.5	86.8	87.6
Nursing, R.N.	14.4	23.3	28.7	32.4	34.3	35.9	36.8	95.8	93.1	93.0	92.5
Mechanical and engineering	37.4	48.5	52.6	56.3	63.3	68.1	71.6	1.4	2.6	3.9	5.1
Natural science	7.0	14.0	16.4	18.0	19.5	20.9	21.2	22.8	30.9	33.6	37.7
Data processing	8.7	8.5	8.0	7.9	8.5	9.4	10.8	35.6	32.6	42.5	42.8
Business and commerce	51.0	66.7	80.5	83.0	96.8	105.7	115.9	54.0	51.9	56.1	58.1
Secretarial	16.5	22.0	27.3	27.5	29.0	30.8	32.8	98.3	98.9	98.6	98.9
Public service	14.8	27.3	32.8	35.2	41.4	42.4	41.9	38.8	38.6	39.9	43.8
Police and corrections	6.9	12.7	15.9	17.0	20.3	20.0	19.3	6.1	12.4	16.9	21.0

[1] 1971 and 1973 excludes degrees below the technical or semiprofessional level.

Source: U.S. National Center For Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate,* annual.

No. 295. Earned Degrees Conferred, by Field of Study, 1973 to 1978, and by Level of Degree and Sex, 1978

Major field of study	Bachelor's [1] (1,000)							Master's, 1978		Doctorates, 1978	
	1973	1974	1975	1976	1977	1978		Total	Male	Total	Male
						Total	Male				
All fields	**922.4**	**945.8**	**922.9**	**925.7**	**919.5**	**921.2**	**487.3**	**311,620**	**161,212**	**32,131**	**23,656**
Agriculture	14.8	16.3	17.5	19.4	21.5	22.7	17.1	4,023	3,268	971	909
Animal science	2.9	3.1	3.4	3.9	4.1	4.1	2.6	478	395	125	119
Forestry	2.0	2.3	2.6	2.7	2.7	2.7	2.3	488	414	93	90
All other	9.9	10.8	11.5	12.9	14.7	15.9	12.1	3,057	2,459	753	700
Architecture	7.0	7.8	8.2	9.1	9.2	9.3	7.1	3,115	2,304	73	57
Area studies	3.1	3.2	3.0	3.1	3.0	2.9	1.1	925	483	145	100
Biological sciences	42.2	48.3	51.7	54.3	53.6	51.5	31.7	6,806	4,400	3,309	2,511
Biology, general	31.2	36.2	38.7	40.2	39.5	37.6	22.9	3,094	2,005	664	478
Zoology, general	5.4	5.7	5.6	5.5	5.0	4.5	3.0	475	318	264	212
All other	5.7	6.4	7.4	8.6	9.1	9.4	5.8	3,237	2,077	2,381	1,821
Business and management	126.8	132.4	133.8	143.4	152.1	161.3	117.5	48,484	40,301	867	795
Business management and administration	32.9	36.6	38.9	44.1	47.4	51.0	38.8	25,249	21,398	457	417
Business, commerce, general	29.9	32.7	31.2	30.1	30.2	31.9	23.1	9,967	8,227	162	149
Accounting	27.9	29.3	31.1	35.8	39.2	40.1	28.3	3,354	2,633	44	41
All other	36.1	33.8	32.6	33.4	35.4	38.3	27.3	9,914	8,043	204	188
Communications	14.3	17.1	19.2	21.3	23.2	25.4	13.5	3,296	1,673	191	138
Computer and information sciences	4.3	4.8	5.0	5.7	6.4	7.2	5.3	3,038	2,471	196	181
Education	194.2	185.2	167.0	154.8	143.7	136.1	37.5	118,582	38,281	7,586	4,630
Elementary, general	89.3	80.2	68.7	60.3	53.0	49.3	5.8	19,897	2,647	223	67
Physical	26.9	27.7	24.6	24.2	23.3	22.7	12.1	4,638	2,660	210	126
Music	7.4	7.7	8.0	7.9	7.6	7.4	3.1	1,355	679	66	44
Special education, general	5.5	6.7	7.8	8.2	8.5	8.5	.9	9,086	1,550	255	133
Other education fields	65.1	62.8	57.9	54.2	51.2	48.2	15.5	83,606	30,745	6,832	4,260
Engineering	51.3	50.3	46.9	46.3	49.3	55.7	51.9	16,398	15,533	2,440	2,383
Fine and applied arts	36.0	39.7	40.8	42.1	41.8	41.0	15.6	9,036	4,327	708	448
Art [2]	15.3	16.4	16.2	16.4	16.3	15.9	5.1	2,739	1,218	115	46
Music [3]	6.7	7.9	8.7	9.1	9.2	9.0	4.2	3,464	1,772	395	285
Dramatic arts	4.7	5.4	5.5	5.7	5.2	5.0	2.1	1,295	659	116	80
All other	9.2	10.1	10.5	10.9	11.1	11.0	4.1	1,538	678	82	37
Foreign languages	19.0	18.8	17.6	15.5	13.9	12.7	3.1	2,726	795	649	294
Health professions	33.6	41.5	49.1	54.0	57.3	59.4	11.6	14,325	4,265	654	402
Nursing	15.4	19.3	23.7	26.7	28.4	30.0	1.6	3,779	141	56	3
Pharmacy	5.0	5.6	6.3	6.9	7.5	7.3	4.7	320	229	96	83
Medical lab. technology	3.7	4.8	5.0	5.4	5.3	5.2	1.1	263	113	4	3
All other	9.4	11.8	14.0	15.0	16.1	16.9	4.2	9,963	3,782	498	313
Home economics	13.5	15.3	16.8	17.4	17.4	17.6	.8	2,613	212	203	58
Law (excl. first professional)	.5	.5	.4	.5	.6	.6	.5	1,786	1,525	39	34
Letters	71.0	65.0	57.6	51.5	47.1	44.3	19.0	10,011	3,830	2,069	1,261
Library sciences	1.2	1.2	1.1	.8	.8	.7	.1	6,914	1,384	67	43
Mathematical subjects	23.1	21.6	18.2	16.0	14.2	12.6	7.4	3,373	2,228	805	681
Military sciences	.3	.3	.3	1.2	.9	.4	.4	45	44	–	–
Physical sciences	20.7	21.2	20.8	21.5	22.5	23.0	18.1	5,561	4,620	3,133	2,821
Chemistry, general	10.1	10.3	10.4	11.0	11.1	11.2	8.5	1,751	1,345	1,374	1,183
Physics	4.1	3.9	3.6	3.5	3.4	3.3	3.0	1,294	1,171	873	824
Geology	2.8	3.1	3.2	3.3	3.7	4.2	3.3	1,126	922	228	204
All other	3.6	3.8	3.5	3.8	4.3	4.2	3.4	1,390	1,182	658	610
Psychology	47.7	51.8	51.0	49.9	47.4	44.6	18.3	8,160	3,919	2,587	1,621
Public affairs and services	17.8	24.0	28.2	33.2	36.3	37.2	18.9	19,953	10,445	395	267
Social sciences	156.4	150.8	135.7	126.8	117.4	113.2	67.4	14,634	9,784	3,583	2,713
History	40.9	37.0	31.5	28.4	25.4	23.0	14.8	3,033	1,929	813	629
Sociology	35.4	35.5	31.5	27.6	24.7	22.8	8.3	1,611	878	599	376
Political science, government	30.1	30.7	29.1	28.3	26.4	26.1	18.0	2,069	1,523	636	517
Social sciences, general	18.0	16.9	13.8	12.3	10.8	11.3	6.6	2,257	1,480	110	83
Economics	14.8	14.3	14.0	14.7	15.3	15.7	11.8	1,995	1,599	706	626
All other	17.1	16.4	15.8	15.4	14.7	14.5	8.0	3,669	2,375	719	482
Theology	3.5	4.2	4.8	5.5	6.1	6.3	4.8	3,329	2,314	1,160	1,106
Theological professions, gen'l	1.7	2.5	2.8	3.5	3.9	4.0	3.4	1,847	1,501	1,079	1,038
Religious education	1.0	1.3	1.4	1.5	1.6	1.7	.9	1,094	538	37	32
All other	.8	.4	.7	.5	.7	.6	.4	388	275	44	36
Interdisciplinary studies [4]	20.3	24.5	28.2	32.4	33.9	35.6	18.8	4,487	2,806	301	205

– Represents zero. [1] Requiring 4 or 5 years. [2] Includes history and appreciation. [3] Includes performing and liberal arts, history, and appreciation. [4] Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 296. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1978

[For school year ending in June. Includes Puerto Rico. Covers schools offering occupational programs, including correspondence schools]

ITEM	UNIT	Total [1]	Vocational and technical	Technical institute	Business and office	Cosmetology and barber	Flight	Trade	Arts/ Design	Hospital	Allied health
Schools	Number	7,707	616	108	1,269	2,163	1,064	750	252	917	358
Total enrollment	1,000	1,761	575	55	531	132	63	203	49	48	58
Percent female	Percent	52.0	43.9	10.4	59.8	84.9	8.2	21.1	60.3	91.4	86.6
Full-time	1,000	1,235	372	31	366	110	14	159	36	48	52
Part-time	1,000	526	203	24	165	22	49	44	13	-	6
Public	1,000	452	405	11	1	-	(Z)	4	-	6	9
Private	1,000	1,309	170	44	530	132	63	199	49	42	49
Instructional staff	1,000	63	19	1	10	8	5	4	3	10	2
Percent female	Percent	47.1	34.2	7.7	50.6	79.0	6.4	15.6	34.6	78.9	76.1

- Represents zero. Z Less than 500. [1] Includes other types, not shown separately.

Source: U.S. National Center for Education Statistics, *Directory of Postsecondary Schools with Occupational Programs, 1978*, and *Enrollments and Programs in Noncollegiate Postsecondary Schools, 1978*.

NO. 297. LIBRARIES—NUMBER, BY TYPE: 1978 AND 1979

TYPE	TOTAL		PERCENT		TYPE	TOTAL		PERCENT	
	1978	1979	1978	1979		1978	1979	1978	1979
Total [1]	**35,124**	**32,377**	**100.0**	**100.0**	Academic	4,129	4,676	11.8	14.4
					Junior college	1,142	1,135	3.3	3.5
United States	29,460	29,446	83.9	90.9	Universities, colleges	1,708	1,912	4.9	5.9
Public	8,455	8,601	24.1	26.6	Departmental	1,279	1,629	3.6	5.0
Public branches	5,963	5,789	17.0	17.9	Law, medicine, religious	277	512	.8	1.6
Special	5,287	5,294	15.1	16.4	Armed Forces	437	489	1.2	1.5
Medical	2,001	1,705	5.7	5.3	Law [2]	841	429	2.4	1.3
Government	1,259	1,451	3.6	4.5					
Religious	1,088	1,012	3.1	3.1	Outlying areas	155	141	.4	.4

[1] Includes public libraries with annual incomes of less than $2,000 or book funds of less than $500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
[2] Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual Library and Book Trade Information* and *American Library Directory*, annual. (Copyright by Xerox Corporation.)

NO. 298. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES: 1950 TO 1978

[For years ending **June 30.** Includes Puerto Rico for all years; Virgin Islands from **1955;** Guam from **1960;** American Samoa and Trust Territory of the Pacific Islands from **1970;** and N. Marianas Is. beginning **1978.** See also *Historical Statistics, Colonial Times to 1970,* series H 572-581]

YEAR	ENROLLMENT (1,000)					EXPENDITURES (mil. dol.)		
	Total [1]	Home economics	Office occupations	Trade, industrial	Agriculture	Total	Federal	State and local
1950	3,365	1,430	-	805	765	128.7	26.6	102.1
1955	3,314	1,432	-	871	776	164.8	30.4	134.4
1960	3,768	1,588	-	938	796	238.8	45.3	193.5
1965	5,431	2,089	731	1,088	888	604.6	156.9	447.7
1970	8,794	2,570	2,111	1,906	853	1,866.2	300.7	1,565.5
1972	11,602	3,446	2,352	2,398	896	2,660.8	466.0	2,194.7
1973	12,072	3,517	2,499	2,702	928	3,033.7	482.4	2,551.3
1974	13,556	3,703	2,757	2,824	976	3,493.8	468.2	2,965.6
1975	15,340	3,746	2,951	3,017	1,013	4,037.3	536.1	3,501.1
1976	15,346	3,986	3,115	3,110	1,060	5,150.2	543.2	4,607.0
1977	16,464	4,164	3,273	3,247	1,056	4,962.6	533.6	4,428.9
1978	17,599	4,199	3,312	3,403	1,007	5,575.8	495.4	5,080.4

- Represents zero. [1] Includes programs not shown separately. Represents unduplicated enrollment.
Source: U.S. Office of Human Development Services, *Vocational and Technical Education*, annual.

No. 299. Persons Enrolled in Vocational Courses: 1976

[**Persons 14 years old and over**; civilian noninstitutional population. As of **October**]

Enrollment	All persons (1,000)	Percent of all persons						
		Male	Female	White	Black	14–21 yr. old	22–24 yr. old	35 yr. and over
Vocational school:								
Total enrolled	7,210	52.5	47.5	90.7	7.7	17.5	44.2	38.3
In October	3,107	50.3	49.7	91.1	7.3	20.6	45.9	33.6
In previous 12 mos.	4,103	54.1	45.9	90.3	7.9	15.2	42.9	41.9
Regular school enrolled	27,632	51.9	48.1	84.8	13.2	79.3	16.1	4.5

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 343.

No. 300. Work/Training Acts—Enrollments and Obligations: 1977 to 1979

[For years ending **Sept. 30,** except as noted. Covers programs administered by the U.S. Dept. of Labor]

Program	First-time enrollments (1,000)			Current enrollments (1,000)			Obligations (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977 [1]	1978	1979
Total	3,429	4,377	4,013	1,358	2,861	2,748	9,527	7,596	10,590
CETA [2]	2,838	3,325	3,044	1,003	1,271	1,206	9,132	7,145	10,097
Training and Work Experience	1,110	965	891	367	324	299	1,871	1,910	1,943
Public Service Employment	597	657	694	523	596	555	6,202	2,208	5,779
Special Target Groups [3]	174	210	176	91	105	175	254	684	414
Job Corps	41	49	59	22	24	33	210	377	401
Summer Youth Program	907	994	821	(NA)	(X)	(X)	595	755	662
Young Adult Conservation Corps	(X)	52	41	(X)	26	20	(X)	227	227
Youth Employment Training Program	(X)	398	362	(X)	196	124	(X)	984	671
Older Americans Act	20	39	48	20	37	40	150	201	221
Work Incentive Program	571	1,013	921	335	1,553	1,502	245	250	272

NA Not available. X Not applicable. [1] For 15 months, July 1, 1976–Sept. 30, 1977. [2] Comprehensive Employment and Training Act. [3] Includes Indian and Migrant programs.

Source: U.S. Employment and Training Administration, *Employment and Training Report of the President,* annual.

No. 301. Adult Education—Percent Participation, by Annual Family Income and Provider of Instruction, and by Sex and Race: 1978

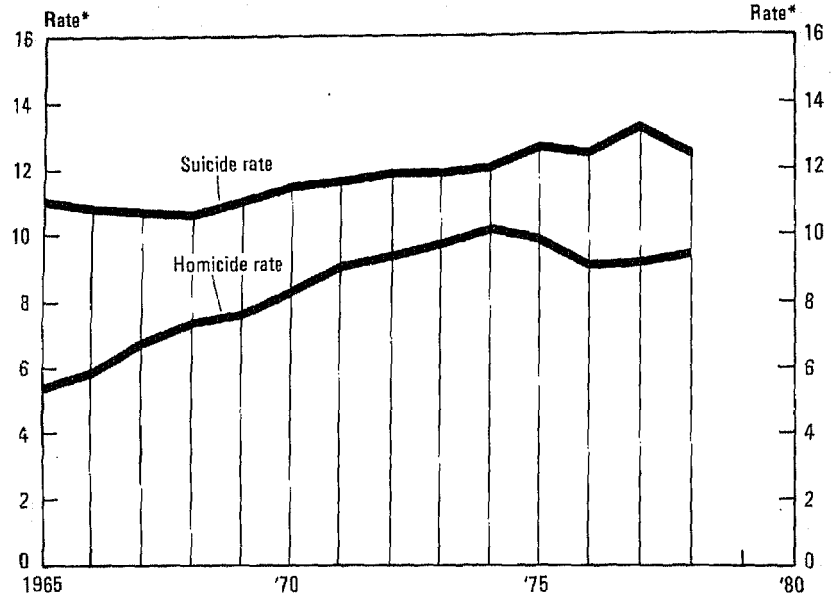
[For year ending in **May.** Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

Family income and provider of instruction	Total	Male	Female	White	Black	Other
Participants in adult education (1,000)	18,197	7,820	10,377	16,935	928	334
Percent of population	11.8	10.7	12.7	12.5	5.8	12.8
	Percent of population					
Annual family income:						
Under $5,000	4.9	4.1	5.3	5.6	2.5	6.2
$5,000–$7,499	6.3	5.0	7.3	6.8	4.0	3.4
$7,500–$9,999	9.7	7.6	11.5	10.4	5.6	12.2
$10,000–$14,999	11.3	9.6	12.9	11.8	6.8	14.1
$15,000–$24,999	15.1	14.1	16.3	15.6	9.0	17.3
$25,000–$49,999	18.4	16.1	20.8	18.6	13.1	17.2
$50,000 and over	18.3	16.0	21.9	18.2	19.5	23.4
Not reported	6.6	5.8	7.4	6.8	4.1	7.3
	Percent distribution [1]					
Provider of instruction:						
Elementary, junior or high school	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute	18.6	16.2	20.4	18.6	23.4	15.4
4-year college or university	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry	13.7	19.7	9.2	13.9	11.7	6.9
Labor organization or professional assn	4.3	5.7	3.3	4.5	2.6	2.2
Government agency	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization	10.9	7.5	13.4	11.1	5.6	11.8
Other	9.8	9.3	10.1	9.9	2.8	8.5
Employer gave course for employees	19.6	26.1	14.7	19.4	25.9	15.9

[1] Percentages total more than 100 since some adults received instruction from more than one type of provider.

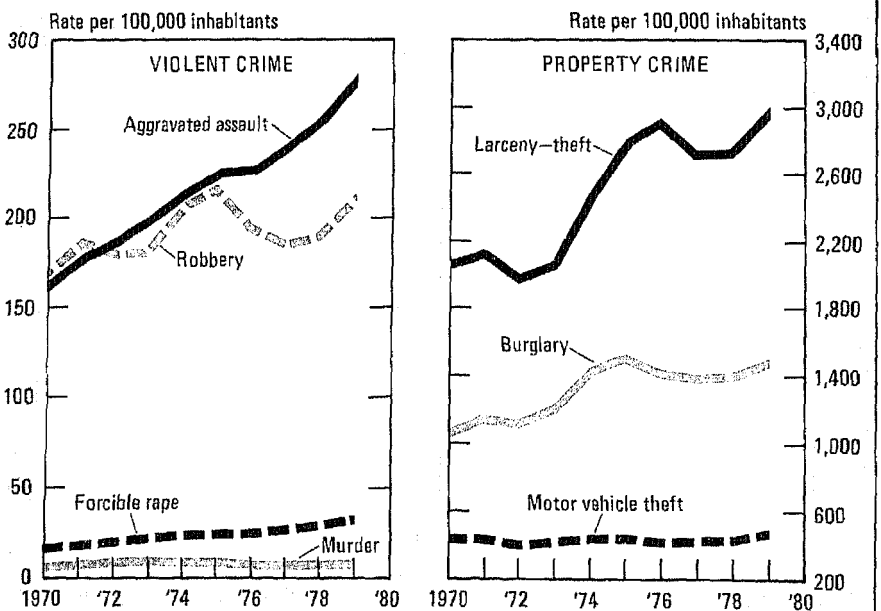
Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1978.*

Figure 6.1
Homicide and Suicide Rates: 1965 to 1978



* Rate per 100,000 resident population.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 310.

Figure 6.2
Selected Crime Rates: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.

No. 299. Persons Enrolled in Vocational Courses: 1976

[**Persons 14 years old and over**; civilian noninstitutional population. As of **October**]

Enrollment	All persons (1,000)	Percent of all persons						
		Male	Female	White	Black	14–21 yr. old	22–24 yr. old	35 yr. and over
Vocational school:								
Total enrolled	7,210	52.5	47.5	90.7	7.7	17.5	44.2	38.3
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Regular school enrolled	27,632	51.9	48.1	84.8	13.2	79.3	16.1	4.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 343.

No. 300. Work/Training Acts—Enrollments and Obligations: 1977 to 1979

[For years ending **Sept. 30**, except as noted. Covers programs administered by the U.S. Dept. of Labor]

Program	First-time enrollments (1,000)			Current enrollments (1,000)			Obligations (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977 [1]	1978	1979
Total	3,429	4,377	4,013	1,358	2,861	2,748	9,527	7,596	10,590
CETA [2]	2,838	3,325	3,044	1,003	1,271	1,206	9,132	7,145	10,097
Training and Work Experience	1,110	965	891	367	324	299	1,871	1,910	1,943
Public Service Employment	597	657	694	523	596	555	6,202	2,208	5,779
Special Target Groups [3]	174	210	176	91	105	175	254	684	414
Job Corps	41	49	59	22	24	33	210	377	401
Summer Youth Program	907	994	821	(NA)	(x)	(x)	595	755	662
Young Adult Conservation Corps	(x)	52	41	(x)	26	20	(x)	227	227
Youth Employment Training Program	(x)	398	362	(x)	196	124	(x)	984	671
Older Americans Act	20	39	48	20	37	40	150	201	221
Work Incentive Program	571	1,013	921	335	1,553	1,502	245	250	272

NA Not available. X Not applicable. [1] For 15 months, July 1, 1976–Sept. 30, 1977. [2] Comprehensive Employment and Training Act. [3] Includes Indian and Migrant programs.

Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

No. 301. Adult Education—Percent Participation, by Annual Family Income and Provider of Instruction, and by Sex and Race: 1978

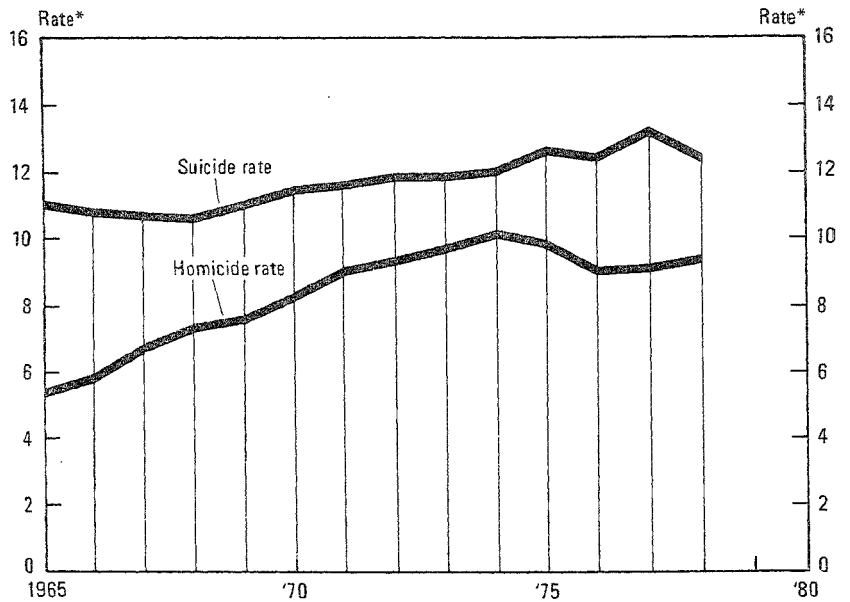
[For year ending in **May**. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

Family income and provider of instruction	Total	Male	Female	White	Black	Other
Participants in adult education (1,000)	18,197	7,820	10,377	16,935	928	334
Percent of population	11.8	10.7	12.7	12.5	5.8	12.8
	Percent of population					
Annual family income:						
Under $5,000	4.9	4.1	5.3	5.6	2.5	6.2
$5,000–$7,499	6.3	5.0	7.3	6.8	4.0	3.4
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$10,000–$14,999	11.3	9.6	12.9	11.8	6.8	14.1
$15,000–$24,999	15.1	14.1	16.3	15.6	9.0	17.3
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Not reported	6.6	5.8	7.4	6.8	4.1	7.3
	Percent distribution [1]					
Provider of instruction:						
Elementary, junior or high school	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute	18.6	16.2	20.4	18.6	20.4	15.4
4-year college or university	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry	13.7	19.7	9.2	13.9	11.7	6.9
Labor organization or professional assn	4.3	5.7	3.3	4.5	2.6	2.2
Government agency	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization	10.9	7.5	13.4	11.1	5.6	11.8
Other	9.8	9.3	10.1	9.9	2.8	8.5
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[1] Percentages total more than 100 since some adults received instruction from more than one type of provider.

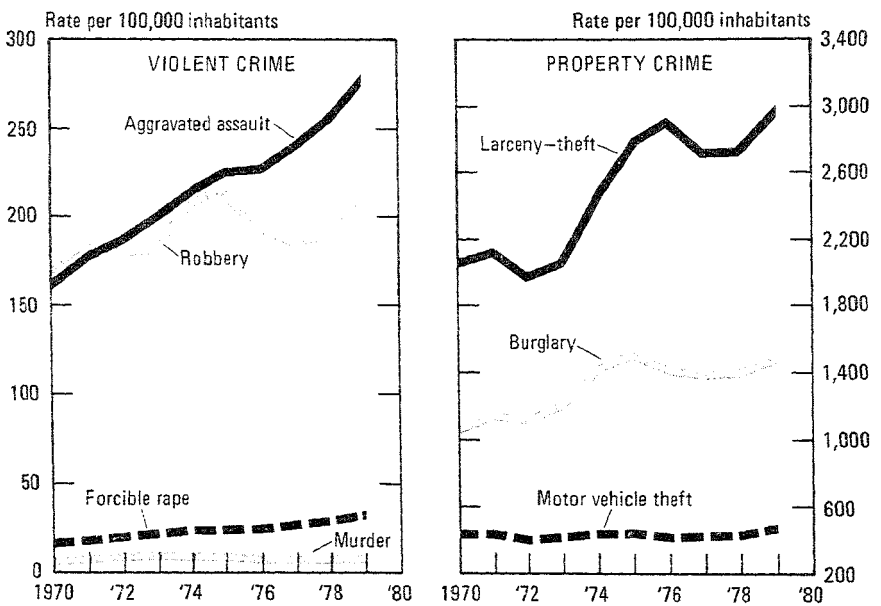
Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1978*.

Figure 6.1
Homicide and Suicide Rates: 1965 to 1978



* Rate per 100,000 resident population.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 310.

Figure 6.2
Selected Crime Rates: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.



Section 6

Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes committed and victims of crimes, arrests, law enforcement employment and expenditures, the legal profession, courts and judges, Federal court cases, State court cases, Federal and State prisoners, juveniles in court custody, and use of the death penalty. A major source of data on these subjects is the Bureau of Justice Statistics (BJS), formerly the Law Enforcement Assistance Administration. BJS issues several reports, including *Sourcebook of Criminal Justice Statistics, Criminal Victimization in the United States, Prisoners in State and Federal Institutions, Children in Custody, National Survey of Court Organization,* and *Capital Punishment.* In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Federal Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Uniform Crime Reports for the United States,* issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director* and *Court Management Statistics,* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment,* issued annually by the Bureau of the Census; and the *Statistical Report,* issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts. Data on lawyers and law firms are compiled by the American Bar Foundation, Chicago, Illinois, and the Bureau of the Census, respectively.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or Federal officers while engaged in their official duties, or unless they occur in Federal territories or reservations or on the high seas. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first, covering investigation of crimes and arrest of persons suspected of committing them, involves municipal, county, and State police; sheriffs, constables, marshals, and Federal agents; and many kinds of special officers. The second phase is prosecution of those charged with crime to judge whether they are legally guilty or innocent. The agencies concerned include courts; justices of the peace; municipal, State, and Federal juries; and prosecuting court officers. The third phase is concerned with the punishment or treatment of persons convicted of crime. While the courts usually determine the sentence after conviction, the penalty is enforced by the detention facility, or by probation or parole officials.

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Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 98 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of offenses that become known to them in the following seven crime categories—murder and nonnegligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. These categories are the basis of the FBI Crime Index and are defined as follows: *Murder and nonnegligent manslaughter,* which is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on persons arrested for all criminal offenses, by age, sex, and race of the offender, and on assaults on law enforcement officers. Annual reports provide an accounting of the number of persons formally charged and their disposition. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime is provided by BJS through the National Crime Survey conducted by the Bureau of the Census. This survey, based on representative samples of households, is designed to elicit information about experiences, if any, with selected crimes of violence and theft. The survey, conducted nationally on a continuous basis, focuses on victims of crime. The results, published in a series of *Criminal Victimization* reports, present types of crime, rates of victimization, characteristics of victims, victim-offender relationship (stranger-nonstranger), incident characteristics, and whether or not police were notified about the incident.

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters and proceedings in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 95 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, the Northern Mariana Islands and Guam. Ap-

peals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. This broad definition includes conduct which violates the law only when committed by children (e.g., ungovernable behavior); such offenses are termed "juvenile offenses." Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment (e.g., a shelter or halfway house) to the long-term very restrictive atmosphere (e.g., a training school).

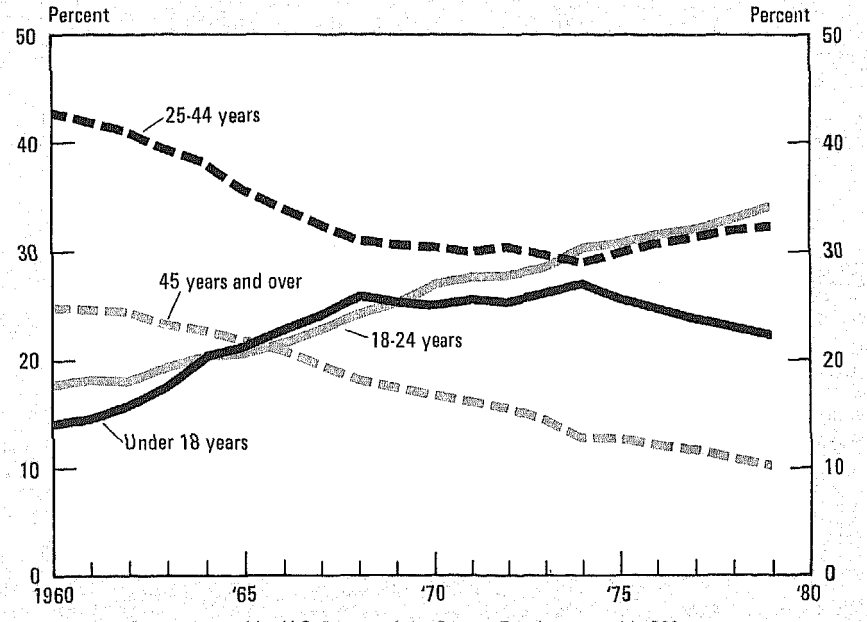
Prisoners.—Statistics of prisoners have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

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

Figure 6.3

Persons Arrested — Percent by Age: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 320.

NO. 302. CRIMES AND CRIME RATES, BY TYPE: 1967 TO 1979

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. Minus sign (–) denotes decrease. For definitions of crimes, see text, p. 180. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder [1]	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Number of offenses: (1,000)										
1967	5,903	500	12.2	27.6	203	257	5,404	1,632	3,112	660
1968	6,720	595	13.8	31.7	263	287	6,125	1,859	3,483	784
1969	7,410	662	14.8	37.2	299	311	6,749	1,982	3,889	879
1970	8,098	739	16.0	38.0	350	335	7,359	2,205	4,226	928
1971	8,588	817	17.8	42.3	388	369	7,772	2,399	4,424	948
1972	8,249	835	18.7	46.9	376	393	7,414	2,376	4,151	887
1973	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
Average annual percent change:										
1967–1970	11.1	13.9	9.5	11.3	19.9	9.2	10.8	10.6	10.7	12.0
1971–1975	7.0	5.9	3.6	7.3	4.6	7.1	7.1	7.9	7.8	1.4
1976–1978	–.7	3.8	2.1	8.8	(Z)	6.6	–1.2	.3	–2.3	1.8
1978–1979	9.1	11.0	9.7	13.2	12.0	10.1	8.9	6.3	9.9	10.6
Rate per 100,000 inhabitants:										
1967	2,990	253	6.2	14.0	103	130	2,737	827	1,576	334
1968	3,370	298	6.9	15.9	132	144	3,072	932	1,747	393
1969	3,680	329	7.3	18.5	148	155	3,351	984	1,931	436
1970	3,985	364	7.9	18.7	172	165	3,621	1,085	2,079	457
1971	4,165	396	8.6	20.5	188	179	3,769	1,164	2,146	460
1972	3,961	401	9.0	22.5	181	189	3,560	1,141	1,994	426
1973	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979	5,521	535	9.7	34.5	212	279	4,986	1,499	2,988	498
Average annual percent change:										
1967–1970	10.1	12.9	8.4	10.1	18.6	8.3	9.8	9.5	9.7	11.0
1971–1975	6.1	5.0	2.9	6.4	3.8	6.1	6.2	7.0	6.9	.5
1976–1978	–1.5	3.0	1.2	8.0	–1.2	5.7	–1.9	–.6	–3.0	1.0
1978–1979	8.1	10.0	7.8	12.0	10.9	9.1	7.9	5.3	8.9	9.6

Z Less than .5 percent. [1] Includes nonnegligent manslaughter.

NO. 303. CRIMES KNOWN TO THE POLICE, BY TYPE AND AREA: 1978 AND 1979

[**In thousands, except rate.** Estimated totals based on reports from city and rural law enforcement agencies representing 95 percent of the national population. Covers crimes constituting "FBI Crime Index"; for definitions of crimes, see text, p. 180. SMSA represents all agencies within Standard Metropolitan Statistical Area]

TYPE OF CRIME	1978						1979					
	SMSA's [1]		Other cities		Rural areas		SMSA's [1]		Other cities		Rural areas	
	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]
Total	**9,356**	**5,870**	**1,130**	**4,364**	**655**	**1,998**	**10,168**	**6,313**	**1,255**	**4,949**	**730**	**2,168**
Violent crime	**931**	**584**	**74**	**285**	**57**	**175**	**1,032**	**641**	**84**	**330**	**63**	**187**
Murder and nonnegligent manslaughter	16	10	1	5	2	6	18	11	1	6	3	7
Forcible rape	58	37	4	16	5	14	66	41	5	18	5	15
Robbery	397	249	13	50	7	21	445	276	15	58	7	22
Aggravated assault	459	288	56	214	43	132	503	312	63	248	48	143
Property crime	**8,426**	**5,286**	**1,056**	**4,079**	**598**	**1,823**	**9,136**	**5,673**	**1,171**	**4,619**	**667**	**1,980**
Burglary	2,593	1,627	267	1,032	245	746	2,752	1,709	288	1,134	260	771
Larceny—theft	4,943	3,101	728	2,812	313	953	5,400	3,353	816	3,218	361	1,072
Motor vehicle theft	890	559	61	235	41	124	983	611	68	266	46	137

[1] For definition, see text, Appendix II. [2] Rate per 100,000 population; see headnote, table 302.

Source of tables 302 and 303: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

NO. 304. CRIME RATES, BY TYPE—STATES: 1978 AND 1979

[**Offenses known to the police per 100,000 population.** Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. For definitions of crimes, see text, p. 180]

STATE	MURDER AND NON-NEGLIGENT MANSLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRAVATED ASSAULT		BURGLARY—BREAKING OR ENTERING		LARCENY—THEFT		MOTOR VEHICLE THEFT	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
U.S.[1]	**9.0**	**9.7**	**30.8**	**34.5**	**191.3**	**212.1**	**256**	**279**	**1,424**	**1,499**	**2,744**	**2,988**	**455**	**499**
N.E	**3.6**	**3.5**	**18.1**	**22.1**	**133.2**	**158.7**	**203**	**234**	**1,407**	**1,515**	**2,416**	**2,839**	**796**	**834**
Maine	2.7	2.8	11.1	11.9	32.9	31.8	161	156	1,241	1,148	2,436	2,719	253	238
N.H	1.4	2.4	9.4	17.1	26.3	28.6	82	92	1,160	1,199	2,483	2,915	306	325
Vt	3.3	1.4	14.6	22.9	14.4	28.6	134	131	1,261	1,578	2,165	3,200	214	337
Mass	3.7	3.7	22.6	24.8	172.3	203.2	263	300	1,515	1,605	2,278	2,637	1,096	1,145
R.I	4.0	3.2	11.0	15.2	98.2	109.7	235	247	1,393	1,550	2,714	3,051	807	793
Conn	4.2	4.2	17.2	24.1	154.8	193.3	139	193	1,362	1,548	2,598	3,114	655	703
M.A	**8.0**	**9.0**	**24.7**	**27.1**	**309.5**	**353.2**	**244**	**258**	**1,372**	**1,458**	**2,342**	**2,554**	**544**	**602**
N.Y	10.3	11.9	29.1	30.6	472.1	529.6	330	345	1,651	1,747	2,629	2,836	672	705
N.J	5.4	6.6	23.6	27.8	192.6	250.0	202	217	1,456	1,602	2,767	3,022	561	696
Pa	6.2	6.2	18.7	21.6	136.7	152.2	140	154	900	935	1,643	1,838	341	389
E.N.C	**7.9**	**8.5**	**27.6**	**32.1**	**173.9**	**177.7**	**211**	**232**	**1,190**	**1,258**	**2,784**	**3,026**	**441**	**482**
Ohio	6.9	8.1	27.4	31.8	182.6	194.8	196	223	1,215	1,287	2,630	2,946	402	439
Ind	6.2	8.3	27.0	31.1	121.4	132.7	169	166	1,108	1,170	2,496	2,661	411	433
Ill	9.9	10.7	23.8	29.4	205.0	198.0	227	243	1,139	1,189	2,902	2,962	511	537
Mich	10.6	9.1	39.6	44.5	219.3	219.6	308	341	1,444	1,508	3,047	3,423	526	602
Wis	2.5	3.4	14.5	16.1	49.9	60.5	65	86	846	949	2,672	3.006	230	267
W.N.C	**5.1**	**5.4**	**20.3**	**23.1**	**100.7**	**112.5**	**150**	**171**	**1,077**	**1,133**	**2,450**	**2,684**	**288**	**317**
Minn	2.0	2.3	19.9	21.5	85.1	92.5	83	105	1,094	1,113	2,536	2,730	325	329
Iowa	2.6	2.2	10.4	11.0	46.9	50.2	102	118	871	922	2,713	2,929	235	270
Mo	10.4	11.2	28.0	33.6	184.0	210.9	246	271	1,345	1,447	2,346	2,555	369	411
N. Dak	1.2	1.5	8.9	8.2	15.6	9.9	41	42	423	461	1,767	2,071	148	162
S. Dak	1.9	2.0	10.9	16.4	15.9	20.3	135	120	600	626	1,766	2,000	160	174
Nebr	3.0	4.1	18.3	21.5	64.9	73.5	104	127	747	814	2,287	2,681	217	273
Kans	5.7	5.5	25.0	26.4	93.7	102.3	194	219	1,287	1,330	2,691	2,939	248	274
S.A.[1]	**10.9**	**11.8**	**33.2**	**37.0**	**170.3**	**196.6**	**343**	**364**	**1,443**	**1,551**	**2,864**	**3,142**	**317**	**355**
Del	6.7	5.7	20.4	27.8	145.5	129.4	268	374	1,624	1,528	3,793	3,966	497	495
Md	8.2	9.8	35.6	39.4	309.6	331.2	379	415	1,422	1,510	3,235	3,502	425	488
Va	6.8	8.6	22.7	27.1	97.1	111.6	158	154	991	1,083	2,567	2,731	229	247
W. Va	6.8	6.8	14.7	15.5	46.3	43.9	100	102	648	637	1,278	1,318	176	202
N.C	10.8	10.7	18.4	20.3	65.9	77.2	318	338	1,184	1,297	2,083	2,406	201	223
S.C	11.5	12.6	35.4	34.3	101.3	107.6	489	524	1,499	1,506	2,484	2,586	276	296
Ga	14.4	17.1	37.9	43.3	166.3	213.7	264	285	1,476	1,594	2,456	2,848	357	416
Fla	11.0	12.2	46.1	51.6	206.0	249.4	503	521	1,979	2,154	3,937	4,268	389	432
E.S.C	**10.9**	**11.1**	**25.3**	**26.9**	**106.3**	**116.1**	**200**	**203**	**1,073**	**1,141**	**1,709**	**1,897**	**272**	**293**
Ky	9.0	9.5	20.7	20.4	81.3	92.1	112	126	885	910	1,665	1,770	251	256
Tenn	9.4	9.8	30.6	34.5	152.4	166.1	190	204	1,214	1,295	1,766	1,937	328	367
Ala	13.3	13.2	25.6	27.5	99.1	109.5	281	263	1,229	1,287	1,988	2,223	303	320
Miss	12.6	12.6	21.8	21.7	70.2	70.7	217	219	846	974	1,236	1,497	152	167
W.S.C	**13.2**	**15.1**	**34.9**	**40.7**	**147.7**	**173.9**	**247**	**282**	**1,447**	**1,602**	**2,743**	**2,860**	**393**	**471**
Ark	9.1	9.1	23.1	27.3	80.0	74.6	232	255	967	984	1,951	2,077	200	194
La	15.8	16.9	34.8	38.6	173.7	219.4	361	401	1,276	1,397	2,570	2,878	362	408
Okla	8.5	9.7	31.0	33.0	88.3	102.6	225	260	1,300	1,475	2,126	2,396	351	427
Texas	14.2	16.7	37.9	45.1	164.4	191.8	219	254	1,612	1,791	3,065	3,082	444	544
Mt	**7.8**	**7.9**	**38.2**	**41.6**	**131.4**	**139.8**	**275**	**300**	**1,623**	**1,620**	**3,629**	**3,944**	**409**	**430**
Mont	4.8	4.2	15.8	20.6	36.8	33.1	180	166	786	803	2,585	3,122	307	311
Idaho	5.4	5.4	19.2	20.6	40.0	43.3	172	219	1,038	1,075	2,496	2,605	244	272
Wyo	7.1	9.1	23.6	27.6	48.1	42.2	202	272	836	864	3,036	3,246	343	363
Colo	7.3	5.8	49.6	53.1	159.2	157.0	282	306	1,870	1,794	3,977	4,253	488	481
N. Mex	10.2	12.4	42.7	46.9	111.6	121.0	364	406	1,336	1,482	3,003	3,364	314	357
Ariz	9.4	8.9	44.2	45.7	162.9	175.7	336	363	2,083	1,997	4,505	4,775	464	493
Utah	3.7	4.8	22.9	27.9	66.5	77.7	179	194	1,187	1,179	3,186	3,673	334	336
Nev	15.5	17.5	53.9	59.5	359.5	407.5	352	351	2,659	2,820	4,245	4,471	602	704
Pac	**10.1**	**11.0**	**48.1**	**51.8**	**261.9**	**282.0**	**342**	**376**	**2,073**	**2,065**	**3,530**	**3,780**	**625**	**668**
Wash	4.6	4.8	41.2	46.4	125.0	120.7	234	263	1,767	1,784	3,549	3,877	395	435
Oreg	5.0	4.2	41.2	44.4	131.1	130.6	325	366	1,617	1,610	3,561	3,832	395	386
Calif	11.7	13.0	50.8	53.9	306.1	333.8	374	410	2,193	2,187	3,489	3,793	691	738
Alaska	12.9	13.3	55.6	71.9	91.3	109.6	282	296	1,339	1,383	3,604	3,713	662	616
Hawaii	6.7	7.2	25.9	32.3	173.6	184.5	64	66	1,938	1,807	4,358	4,435	571	715

[1] Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 305. Crime Rates for Violent Crimes in Cities, by Size Group and for Selected Cities: 1970 to 1979

[**Offenses known to the police per 100,000 population.** For types of violent crime, see table 306. Rates based on population of cities as estimated by FBI using Bureau of the Census estimates as of July 1, of each year. Minus sign (–) denotes decrease]

City-size group and city	1979, city population (1,000)	1970	1974	1975	1976	1977	1978	1979	Annual percent change 1970–1975	Annual percent change 1976–1978	Annual percent change 1978–1979
Cities with population of—											
250,000 or more	(x)	980	1,108	1,159	1,095	1,070	1,121	1,238	3.4	1.2	10.4
100,000–249,999	(x)	450	600	632	573	600	627	702	7.0	4.7	12.0
50,000–99,999	(x)	274	406	451	416	444	486	526	10.5	8.4	8.2
25,000–49,999	(x)	214	331	343	338	342	364	420	9.9	3.9	15.4
10,000–24,999	(x)	159	250	268	254	264	276	315	11.0	4.4	14.1
Fewer than 10,000	(x)	141	218	232	216	230	245	279	10.5	6.7	13.9
Selected cities:											
Baltimore, Md	791	2,088	1,961	1,862	1,648	1,726	1,875	1,963	–2.3	6.9	4.7
New York, N.Y	7,109	1,381	1,615	1,781	1,781	1,629	1,694	1,862	5.2	–2.5	9.9
San Francisco, Calif	659	1,339	1,135	1,364	1,618	1,409	1,596	1,675	.4	–.7	4.9
Detroit, Mich	1,286	1,934	2,004	2,121	2,226	1,829	1,669	1,670	1.9	–12.5	-
Cleveland, Ohio	601	1,060	1,358	1,576	1,323	1,475	1,578	1,619	8.3	9.7	2.6
Washington, D.C	656	2,227	1,603	1,774	1,481	1,427	1,412	1,609	–4.5	–2.4	14.0
Los Angeles, Calif	2,863	1,062	1,069	1,114	1,167	1,209	1,320	1,515	1.0	6.6	14.8
Dallas, Tex	882	966	866	885	815	1,019	1,134	1,298	–1.7	19.6	14.2
Chicago, Ill	3,061	1,101	1,282	1,180	978	935	897	909	1.4	–4.2	1.3
Houston, Tex	1,620	799	732	650	545	577	730	878	–4.0	17.0	20.3
Philadelphia, Pa	1,757	571	871	867	684	635	656	827	8.7	–2.1	26.1
Indianapolis, Ind	514	704	709	925	838	744	727	813	5.6	–6.6	11.8
San Diego, Calif	829	285	473	502	532	560	567	656	12.0	3.3	15.7
San Antonio, Tex	889	497	624	549	436	491	422	493	2.0	–1.9	16.8
Milwaukee, Wis	645	211	402	475	413	396	391	471	17.6	–2.7	20.5

– Represents zero. X Not applicable.

No. 306. Crime Rates, by Type—Population Groups and Selected Cities: 1979

[**Offenses known to the police per 100,000 population.** For definitions of crimes, see text, p. 180]

City-size group [1] and city	Crime index total	Violent crime					Property crime			
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary—breaking or entering	Larceny—theft	Motor vehicle theft
Total, 12,329 agencies	**5,660**	**555**	**10.1**	**36**	**223**	**286**	**5,105**	**1,539**	**3,052**	**514**
Total, 8,454 cities	**6,622**	**668**	**11.2**	**41**	**294**	**323**	**5,954**	**1,725**	**3,601**	**627**
Cities with population of—										
250,000 or more	8,456	1,238	23.1	71	668	475	7,218	2,336	3,828	1,054
100,000–249,999	7,827	701	11.4	50	282	358	7,125	2,114	4,356	655
50,000–99,999	6,661	525	7.2	37	194	288	6,135	1,773	3,769	594
25,000–49,999	5,963	420	5.8	27	134	254	5,543	1,477	3,607	459
10,000–24,999	4,990	315	4.5	18	78	216	4,674	1,187	3,139	349
Fewer than 10,000	4,504	279	4.0	15	47	212	4,225	1,021	2,939	266
Suburbs, 5,163 agencies [2]	4,833	356	5.6	25	99	225	4,477	1,303	2,794	381
Rural areas, 2,838 agencies	2,270	194	7.6	16	23	148	2,076	803	1,130	143
Selected cities:										
San Francisco, Calif	10,732	1,675	17.0	101	1,016	542	9,057	2,618	5,149	1,290
Dallas, Tex	10,628	1,298	34.8	111	505	647	9,330	2,997	5,443	890
Baltimore, Md	9,324	1,963	31.0	71	1,072	788	7,361	2,139	4,367	856
Los Angeles, Calif	9,032	1,515	27.4	88	714	685	7,518	2,596	3,549	1,373
Detroit, Mich	8,795	1,670	35.9	109	907	619	7,125	2,598	2,820	1,708
Houston, Tex	8,752	878	40.4	91	575	171	7,874	3,022	3,335	1,517
New York, N.Y	8,736	1,862	24.4	55	1,161	622	6,874	2,506	3,106	1,262
San Diego, Calif	8,693	656	11.6	40	348	256	8,038	2,406	4,730	902
Cleveland, Ohio	8,646	1,619	45.6	102	958	514	7,027	2,412	2,364	2,251
Washington, D.C	8,602	1,609	27.4	75	1,055	452	6,993	2,051	4,393	550
Indianapolis, Ind	6,831	813	17.9	85	400	310	6,018	1,664	3,683	672
San Antonio, Tex	6,631	493	20.6	44	204	224	6,138	1,990	3,588	560
Chicago, Ill	6,101	909	28.0	54	473	354	5,192	1,091	3,074	1,027
Milwaukee, Wis	5,948	471	9.8	44	247	171	5,477	1,325	3,498	655
Philadelphia, Pa	4,699	827	21.9	48	503	255	3,872	1,193	1,927	752

[1] See headnote, table 305. [2] Agencies also included in other city groups.

Source of tables 305 and 306: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 307. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS: 1975 TO 1978

[**Rates per 1,000 persons, 12 years old and over.** Includes attempted crimes. Data based on National Crime Survey; see Appendix III]

YEAR AND CRIME	Total [1]	White	Black	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
				Total [1]	White	Black	Total [1]	White	Black	Stranger	Non-stranger
1975: Total [2]	**33**	**31**	**43**	**44**	**42**	**53**	**23**	**21**	**34**	**21**	**11**
Rape	1	1	1	(B)	(B)	(B)	2	2	2	1	(Z)
Robbery:											
With injury	2	2	5	3	3	8	1	1	3	2	(Z)
Without injury	5	4	9	7	6	14	3	2	5	4	1
Aggravated assault	10	9	14	14	14	19	5	5	11	6	3
Simple assault	16	16	13	20	21	12	12	12	14	9	7
Personal larceny	96	97	90	108	108	110	85	87	73	(NA)	(NA)
1977: Total [2]	**34**	**33**	**42**	**46**	**45**	**57**	**22**	**22**	**29**	**21**	**13**
Rape	1	1	1	(B)	(B)	(B)	2	2	2	1	(B)
Robbery:											
With injury	2	2	5	3	3	8	1	1	3	2	1
Without injury	4	4	8	6	5	12	3	2	5	3	1
Aggravated assault	10	10	14	15	15	20	5	4	9	6	4
Simple assault	17	17	14	22	23	18	12	12	11	10	7
Personal larceny	97	98	90	108	108	105	87	89	78	(NA)	(NA)
1978: Total [2]	**34**	**33**	**41**	**46**	**45**	**54**	**23**	**22**	**30**	**21**	**12**
Rape	1	1	2	(B)	(B)	(B)	2	1	4	1	(Z)
Robbery:											
With injury	2	2	3	3	2	4	1	1	2	1	(Z)
Without injury	4	3	8	6	5	13	2	2	4	3	1
Aggravated assault	10	9	13	15	14	20	5	5	8	6	3
Simple assault	17	18	14	22	23	16	12	12	11	10	7
Personal larceny	97	98	90	106	106	102	89	90	80	(NA)	(NA)

B Estimated number of victimizations too small to be statistically reliable. NA Not available. Z Less than .5.
[1] Includes races not shown separately. [2] Excludes personal larceny.

NO. 308. VICTIMIZATION RATES OF CRIMES AGAINST HOUSEHOLDS: 1975 to 1978

[**Rates per 1,000 households.** Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source. For definitions of crimes, see text, p. 180]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1975: All households	**92**	**87**	**129**	**125**	**126**	**114**	**19**	**19**	**27**
Homeowner	78	76	99	116	115	118	16	15	27
Renter	116	109	153	142	148	111	26	26	27
Households with income of—									
Under $7,500	102	94	134	112	113	98	15	14	15
$7,500–$14,999	84	80	129	137	137	135	22	20	42
$15,000 and over	91	90	113	136	136	151	23	22	48
1977: All households	**89**	**84**	**122**	**123**	**124**	**116**	**17**	**16**	**21**
Homeowner	74	72	102	113	112	116	14	13	23
Renter	115	110	139	142	148	116	23	24	20
Households with income of—									
Under $7,500	102	94	129	109	110	103	12	13	8
$7,500–$14,999	86	81	134	135	134	142	17	16	28
$15,000 and over	84	83	104	135	136	130	22	20	56
1978: All households	**86**	**83**	**115**	**120**	**120**	**121**	**18**	**17**	**21**
Homeowner	71	70	85	108	107	118	14	13	20
Renter	114	110	139	143	146	122	25	25	23
Households with income of—									
Under $7,500	100	93	129	107	107	104	12	12	14
$7,500–$14,999	83	80	106	128	128	136	20	19	28
$15,000 and over	80	79	103	132	132	134	20	20	26

[1] Includes other races not shown separately.

Source of tables 307 and 308: U.S. Law Enforcement Assistance Administration, *Criminal Victimization in the United States,* annual.

No. 309. Victimization Rates of Crimes Against Persons and Households, by Type: 1973 to 1978

[**Rate per 1,000 persons, 12 years old and over; and per 1,000 households.** Data based on National Crime Survey; see Appendix III; for further detail see source. For definition of crimes, see text, p. 180. Minus sign denotes decrease]

Sector and type of crime	Victimization rate						Percent change in victimization rate				
	1973	1974	1975	1976	1977	1978	1973–1978	1974–1978	1975–1978	1976–1978	1977–1978
Personal sector—											
Violent crime	32.6	33.0	32.8	32.6	33.9	33.7	3.6	2.2	2.7	3.5	−.5
Rape	1.0	1.0	.9	.8	.9	1.0	2.1	−1.0	6.6	15.5	9.0
Robbery	6.7	7.2	6.8	6.5	6.2	5.9	−12.6	−18.0	−12.9	−8.8	−5.3
Assault	24.9	24.8	25.2	25.3	26.8	26.9	8.0	8.1	6.6	6.3	.2
Aggravated	10.1	10.4	9.6	9.9	10.0	9.7	−3.8	−6.7	.8	−1.7	−2.9
Simple	14.8	14.4	15.6	15.4	16.8	17.2	16.0	18.8	10.3	11.4	2.1
Larceny—theft	91.1	95.1	96.0	96.1	97.3	96.8	6.2	1.7	.8	.7	−.5
With contact	3.1	3.1	3.1	2.9	2.7	3.1	1.6	.3	1.0	8.0	17.7
Without contact	88.0	92.0	92.9	93.2	94.6	93.8	6.4	1.8	.8	.5	−1.0
Household sector—											
Household burglary	91.7	93.1	91.7	88.9	88.5	86.0	−6.2	−7.7	−6.2	−3.3	−2.9
Household larceny	107.0	123.8	125.4	124.1	123.3	119.9	12.1	−3.1	−4.4	−3.3	−2.7
Motor vehicle theft	19.1	18.8	19.5	16.5	17.0	17.5	−8.2	−7.0	−10.1	6.3	3.2

Source: U.S. Law Enforcement Assistance Administration, *Criminal Victimization in the United States: Summary Findings of 1977-78 Changes in Crime and Trends Since 1973*, October 1979.

No. 310. Homicide Victims and Suicides, by Race and Sex: 1950 to 1978

[**Rates per 100,000 resident population in specified group.** Beginning 1970, excludes deaths to nonresidents of U.S. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

Year	Homicide victims					Suicides				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
NUMBER										
1950	7,942	2,586	952	3,503	901	17,145	12,755	3,713	542	135
1955	7,418	2,439	922	3,191	866	16,760	12,430	3,662	531	137
1960	8,464	2,832	1,154	3,437	1,041	19,041	13,825	4,296	714	206
1965	10,712	3,660	1,379	4,488	1,185	21,507	14,624	5,718	866	299
1968	14,686	5,106	1,700	6,417	1,463	21,372	14,520	5,692	859	301
1969	15,477	5,215	1,801	6,951	1,510	22,364	14,886	6,152	971	355
1970	16,848	5,865	1,938	7,413	1,632	23,480	15,591	6,468	1,038	383
1971	18,787	6,455	2,106	8,357	1,869	24,092	15,802	6,775	1,058	457
1972 [1]	19,638	6,820	2,156	8,822	1,840	25,004	16,476	6,788	1,292	448
1973	20,465	7,411	2,575	8,429	2,050	25,118	16,823	6,589	1,285	421
1974	21,465	7,992	2,656	8,755	2,062	25,683	17,263	6,660	1,332	428
1975	21,310	8,222	2,751	8,331	2,006	27,063	18,206	6,967	1,416	474
1976	19,554	7,566	2,547	7,574	1,865	26,832	17,996	6,858	1,497	481
1977	19,968	7,951	2,787	7,404	1,826	28,681	19,531	7,048	1,578	524
1978	20,432	8,429	2,771	7,409	1,823	22,294	18,619	6,631	1,569	475
RATE [2]										
1950	5.2	3.8	1.4	44.2	10.9	11.3	19.0	5.5	6.8	1.6
1955	4.5	3.4	1.2	36.0	9.3	10.2	17.1	4.9	6.0	1.5
1960	4.7	3.6	1.4	34.3	9.8	10.6	17.6	5.3	7.1	1.9
1965	5.5	4.4	1.6	40.4	10.0	11.1	17.5	6.6	7.8	2.5
1968	7.4	6.0	1.9	55.1	11.6	10.7	17.0	6.4	7.4	2.4
1969	7.7	6.1	2.0	58.7	11.7	11.1	17.3	6.8	8.2	2.7
1970	8.3	6.7	2.1	61.4	12.4	11.5	17.9	7.1	8.6	2.9
1971	9.1	7.3	2.3	67.7	13.9	11.7	17.9	7.3	8.6	3.4
1972 [1]	9.4	7.7	2.3	70.1	13.4	12.0	18.5	7.3	10.3	3.3
1973	9.8	8.3	2.8	65.8	14.6	12.0	18.8	7.0	10.0	3.0
1974	10.2	8.9	2.8	67.1	14.5	12.1	19.2	7.1	10.2	3.0
1975	10.0	9.1	2.9	62.6	13.8	12.7	20.1	7.4	10.6	3.3
1976	9.1	8.3	2.7	55.8	12.5	12.5	19.8	7.2	11.0	3.2
1977	9.2	8.7	2.9	53.6	12.0	13.3	21.4	7.3	11.4	3.5
1978	9.4	9.2	2.9	52.6	11.8	12.5	20.2	6.9	11.1	3.1

[1] Based on a 50-percent sample of deaths. [2] Rate based on enumerated population figures of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

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

No. 311. Homicide and Suicide Rates, Selected Countries: 1975 to 1978

[Homicide rates per 100,000 population of all ages, suicide rates per 100,000 population 15 years old and over]

Country	Homicides								Suicides							
	Male				Female				Male				Female			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
U.S.	**16.0**	**14.5**	**14.6**	(NA)	**4.4**	**4.0**	**4.2**	(NA)	**25.5**	**24.9**	**26.5**	(NA)	**8.9**	**8.6**	**8.8**	(NA)
Australia	2.1	2.5	2.4	(NA)	1.2	1.6	1.5	(NA)	20.9	21.7	21.9	(NA)	9.5	7.9	8.4	(NA)
Austria	2.1	1.4	1.4	1.6	1.3	1.1	1.3	1.2	47.4	43.6	45.3	47.2	17.6	17.0	18.8	17.8
Belgium	1.3	1.0	(NA)	(NA)	.5	.9	(NA)	(NA)	27.4	28.4	(NA)	(NA)	14.6	14.4	(NA)	(NA)
Canada	3.6	(NA)	3.5	(NA)	1.8	(NA)	1.7	(NA)	24.5	(NA)	28.3	(NA)	9.2	(NA)	9.6	(NA)
Denmark	.5	.6	.7	.6	.7	.8	.7	.4	38.8	39.2	39.9	36.0	23.6	22.6	22.6	23.7
Finland	5.8	(NA)	(NA)	(NA)	1.6	(NA)	(NA)	(NA)	52.6	(NA)	(NA)	(NA)	13.2	(NA)	(NA)	(NA)
France	1.3	1.2	(NA)	(NA)	.7	.6	(NA)	(NA)	30.0	29.8	(NA)	(NA)	11.5	11.5	(NA)	(NA)
Germany, Fed. Rep	1.4	1.4	1.4	1.4	1.0	1.1	1.0	1.1	35.8	37.2	38.3	37.7	18.2	18.5	19.5	18.4
Greece	1.2	.9	.8	1.1	.4	.4	.5	.3	4.6	5.0	6.2	5.5	2.6	2.3	2.6	2.0
Ireland	1.3	(NA)	(NA)	(NA)	.6	(NA)	(NA)	(NA)	9.7	(NA)	(NA)	(NA)	4.1	(NA)	(NA)	(NA)
Israel [1]	1.7	1.9	2.2	2.2	.8	.9	.7	1.0	13.8	14.9	12.5	9.9	10.0	8.8	7.0	6.9
Japan	1.6	1.5	1.5	1.3	1.0	1.0	1.0	.9	28.5	28.2	29.3	29.2	18.9	18.3	17.9	17.3
Netherlands	1.0	1.0	1.2	1.0	.4	.6	.6	.6	14.5	15.8	15.2	14.5	9.3	9.3	9.0	10.7
Norway	.9	.9	1.2	1.0	.5	.6	.4	.5	18.6	21.1	22.2	22.7	7.2	7.3	7.6	7.7
Philippines	2.5	(NA)	(NA)	(NA)	.3	(NA)	(NA)	(NA)	1.7	(NA)	(NA)	(NA)	1.4	(NA)	(NA)	(NA)
Poland	1.3	1.7	1.7	1.7	.8	.8	.9	.9	25.6	27.1	27.8	30.0	4.8	5.2	5.2	5.4
Portugal	3.4	(NA)	(NA)	(NA)	.5	(NA)	(NA)	(NA)	18.9	(NA)	(NA)	(NA)	5.5	(NA)	(NA)	(NA)
Puerto Rico	29.3	(NA)	(NA)	(NA)	3.5	(NA)	(NA)	(NA)	20.7	(NA)	(NA)	(NA)	3.6	(NA)	(NA)	(NA)
Spain	1.0	(NA)	(NA)	(NA)	.3	(NA)	(NA)	(NA)	8.3	(NA)	(NA)	(NA)	2.7	(NA)	(NA)	(NA)
Sweden	1.5	1.5	1.6	1.4	.8	1.0	.8	.6	35.2	33.6	35.6	33.1	13.8	14.1	13.9	14.7
Switzerland	1.0	.9	1.0	.8	.9	.9	.7	.7	42.3	41.4	43.5	43.5	16.4	15.9	17.9	17.8
Un. Kingdom:																
England [2]	1.2	1.2	1.0	(NA)	.8	1.0	.8	(NA)	12.0	12.8	12.9	(NA)	7.6	7.5	7.9	(NA)
No. Ireland	20.8	24.2	25.0	(NA)	2.3	3.3	3.9	(NA)	6.8	7.9	7.1	(NA)	3.6	4.6	5.6	(NA)
Scotland	2.1	2.9	2.8	1.9	.9	1.1	1.1	1.1	12.1	13.3	13.1	14.5	9.6	8.7	8.4	7.8

NA Not available. [1] Jewish population. [2] Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

No. 312. Homicide Victims and Suicides: 1960 to 1978

[Beginning 1970, excludes deaths of nonresidents of the United States. Prior to 1970, causes of death classified according to seventh revision of *International Classification of Diseases*, thereafter, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series H 971–986]

Item	1960, total	1965 total	1970		1975		1976		1977		1978	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	**8,464**	**10,712**	**13,278**	**3,570**	**16,553**	**4,757**	**15,142**	**4,412**	**15,355**	**4,613**	**15,838**	**4,594**
Assault by—												
Firearms [1]	4,627	6,158	9,209	2,004	11,729	2,566	10,452	2,314	10,520	2,354	10,997	2,389
Percent of total	54.7	57.5	69.4	56.1	70.9	53.9	69.0	52.4	68.5	51.0	69.4	52.0
Cutting and piercing instruments	1,836	2,292	2,229	551	2,598	764	2,583	721	2,747	795	2,729	783
Other means	1,700	1,984	1,512	1,010	1,897	1,420	1,818	1,372	1,821	1,462	1,854	1,414
Intervention of police	245	271	328	5	329	7	289	5	266	2	257	8
Execution	56	7	–	–	–	–	–	–	1	–	1	–
Infanticides [2]	**199**	**213**	**80**	**70**	**102**	**76**	**88**	**82**	**96**	**81**	**82**	**79**
Suicides	**19,041**	**21,507**	**16,629**	**6,851**	**19,622**	**7,441**	**19,493**	**7,339**	**21,109**	**7,572**	**20,188**	**7,106**
Firearms [1]	9,017	9,898	9,704	2,068	12,185	2,688	12,128	2,600	13,342	2,742	12,830	2,557
Percent of total	47.4	46.0	58.4	30.2	62.1	36.1	62.2	35.4	63.2	36.2	63.6	36.0
Poisoning [3]	4,330	5,995	3,299	3,285	3,297	3,129	3,076	3,068	3,340	3,147	3,105	2,912
Hanging and strangulation [4]	3,366	3,197	2,422	831	2,815	846	2,834	855	2,982	848	2,759	753
Other	2,328	2,417	1,204	667	1,325	778	1,455	816	1,445	835	1,494	884

– Represents zero. [1] Includes explosives. [2] Included above; homicide victims under 1 year of age. [3] Includes solids, liquids, and gases. [4] Includes suffocation.

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

No. 313. U.S. Suicide Rates, by Sex, Race, and Age Groups: 1970 to 1978

[Rates per 100,000 population in specified group, 5 years old and over. Excludes deaths of nonresidents of U.S.]

Age	Male								Female							
	White				Black and other				White				Black and other			
	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978
All ages	**18.0**	**20.1**	**21.4**	**20.2**	**8.5**	**10.6**	**11.4**	**11.1**	**7.1**	**7.4**	**7.3**	**6.9**	**2.9**	**3.3**	**3.5**	**3.1**
5-14 years	.5	.8	1.0	.7	.2	.1	.4	.4	.1	.2	.2	.2	.2	.2	.2	.2
15-24 years	13.9	19.6	22.9	20.8	11.3	14.4	15.5	14.8	4.2	4.9	5.5	5.0	4.1	3.9	4.0	3.2
25-34 years	19.9	24.4	26.7	25.8	19.8	24.6	25.7	23.7	9.0	8.9	9.3	8.5	5.8	6.5	6.8	5.6
35-44 years	23.3	24.5	24.7	22.5	12.6	16.0	16.0	17.0	13.0	12.6	11.2	10.9	4.3	4.9	5.1	4.7
45-54 years	29.5	29.7	27.3	24.7	14.1	12.8	11.7	13.2	13.5	13.8	13.6	12.1	4.5	4.5	5.2	4.6
55-64 years	35.0	32.1	30.9	29.3	10.5	11.5	13.3	10.5	12.3	11.7	11.2	10.3	2.2	4.1	4.4	3.8
65 and over	41.1	39.4	41.3	40.8	10.8	11.8	12.2	12.1	8.5	8.5	8.3	7.9	3.6	3.0	2.3	3.1

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

No. 314. Murder Victims, by Weapons Used or Cause: 1970 to 1979

[Based solely on police investigation. See text, p. 180, for definition of murder]

Year	Murder victims, total	Weapons used or cause of death							
		Guns		Cutting or stabbing		Blunt object [1]	Strangulations, beatings	Arson	All other [2]
		Total	Percent	Total	Percent				
1970	13,649	9,039	66.2	2,424	17.8	604	1,031	[3] 353	198
1972	15,832	10,379	65.6	2,974	18.8	672	1,291	[3] 331	185
1973	17,123	11,249	65.7	2,985	17.4	848	1,445	173	423
1974	18,632	12,474	67.9	3,228	17.3	976	1,417	153	384
1975	18,642	12,061	65.8	3,245	17.4	1,001	1,646	193	496
1976	16,605	10,592	63.8	2,956	17.8	806	1,330	227	694
1977	18,033	11,274	62.5	3,440	19.1	849	1,431	252	787
1978	18,714	11,910	63.6	3,526	18.8	896	1,422	[3] 255	705
1979	20,591	13,040	63.3	3,954	19.2	997	1,557	276	767

[1] Refers to club, hammer, etc. [2] Includes poison, explosives, unknown, and not stated; for 1973 to 1978, includes drownings. [3] Includes drownings etc.

No. 315. Percent of Firearms Usage in Selected Crimes, by Region: 1975 to 1979

[For definitions of crimes, see text, p. 180. For regions, see fig. I. Murder includes nonnegligent manslaughter]

Region	Murder				Aggravated assault				Robbery			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
U.S. total	**65.8**	**62.5**	**63.6**	**63.3**	**24.9**	**23.2**	**22.4**	**23.0**	**44.8**	**41.6**	**40.3**	**39.7**
Northeast	51.3	50.8	51.7	52.7	17.6	15.1	14.1	14.9	32.7	30.9	29.9	30.5
North Central	70.7	65.7	67.2	64.9	28.5	25.6	23.3	23.8	52.7	48.6	46.5	42.6
South	72.7	69.3	69.5	64.7	29.2	26.9	26.9	27.3	53.4	48.0	47.7	47.7
West	59.0	56.0	57.2	58.0	22.3	22.5	21.8	23.1	44.4	43.0	43.1	41.9

Source of tables 314 and 315: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 316. Political Assassinations and Assaults: 1835 to 1972

[Rates per 1 million population. Assault defined as any attack on persons holding political office or any individuals or groups of individuals for political reasons. For composition of regions, see fig. I, inside front cover]

Region	Number	Rate	Period	Number	Rate	Period	Number	Rate
U.S., 1835-1968	**82**	(X)						
Northeast	7	.02	1835-1864	3	(Z)	1935-1944	4	.03
Southeast	27	.18	1865-1894	43	.03	1945-1954	[1] 11	.07
North Central	11	.03	1895-1924	12	(Z)	1955-1972	6	.03
South Central	25	.13	1925-1934	3	.02			
West	10	.10						

X Not applicable. Z Less than .005 percent. [1] Includes 5 Congressmen shot in 1954 in a single attack.

Source: National Commission on the Causes and Prevention of Violence, *Task Force Report on Assassinations, 1969,* and unpublished data.

NO. 317. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1960 TO 1979

[Covers officers killed in line of duty; beginning 1972, includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series H 987-998]

DIVISION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total killed	**48**	**83**	**146**	**157**	**176**	**179**	[1] **185**	[2] **140**	[3] **123**	**146**	[4] **162**
By felons	(NA)	53	100	116	134	132	[1] 129	[2] 111	[3] 93	93	[4] 106
In accidents	(NA)	30	46	41	42	47	56	29	[3] 30	53	56
New England	3	3	2	2	7	2	4	4	2	4	2
Middle Atlantic	7	10	29	22	21	18	24	15	12	13	19
East North Central	9	10	38	23	21	43	32	19	10	13	22
West North Central	3	3	6	12	6	8	8	11	14	11	5
South Atlantic	13	15	23	38	37	42	31	34	31	23	36
East South Central	2	9	5	12	13	12	18	14	11	16	22
West South Central	6	14	15	27	30	23	22	21	21	30	18
Mountain	–	7	4	7	16	9	14	4	3	7	14
Pacific	5	12	24	12	21	18	22	13	15	25	18
Puerto Rico	(NA)	(NA)	(NA)	2	4	4	8	4	1	4	4

– Represents zero, NA Not available. [1] Includes one officer each in Virgin Islands and Guam. [2] Includes one officer in Colombia. [3] Includes one officer in Virgin Is. and 2 FBI agents accidentally killed. [4] Includes 2 officers in Guam.

NO. 318. SELECTED CRIMES, BY TYPE: 1979

TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1978 [1]	Incidence, 1979				Change from 1978 [1]	Incidence, 1979	
Robbery, total [2]	**453**	**13.2**	**100.0**	**532**	**Larceny—theft, total** [2]	**6,259**	**9.3**	**100.0**	**256**
Highway	224	16.7	49.4	355	Pocket picking	70	10.1	1.1	190
Commercial house	65	14.3	14.4	698	Purse snatching	90	5.4	1.4	129
Gas station	17	−23.5	3.8	346	Shoplifting	697	6.7	11.1	59
Chain store	32	16.4	7.2	476	From motor vehicles	1,079	10.3	17.2	299
Residence	48	7.1	10.7	824	Motor vehicle accessories	1,210	11.2	19.3	155
Bank	8	32.7	1.7	3,613	Bicycles	675	10.8	10.8	109
Burglary, total	**3,143**	**6.1**	**100.0**	**644**	From buildings	1,032	7.3	16.5	391
Residence	1,999	4.5	63.6	678	From coin-operated machines	57	−1.6	.9	95
Nonresidence	1,144	9.0	36.4	585					

[1] Minus sign (−) denotes decrease. [2] Includes types not shown separately.

NO. 319. OFFENSES, CLEARANCES, AND ARRESTS, BY TYPE OF CRIME: 1970 TO 1977

[Covers crimes constituting "FBI Crime Index." Excludes pending cases]

ITEM	Unit	VIOLENT CRIMES					PROPERTY CRIMES				
		1970	1974	1975	1976	1977	1970	1974	1975	1976	1977
Cities represented	Number	2,221	1,496	2,198	2,559	1,847	2,221	1,496	2,198	2,559	1,847
FBI estimated population	Mil	60	32	33	35	30	60	32	33	35	30
Offenses known	1,000	209	173	145	116	114	2,716	1,744	1,792	1,740	1,475
Offenses cleared	1,000	101	85	72	66	60	479	340	334	334	284
Percent cleared	Percent	48.2	48.9	49.8	56.6	52.9	17.6	19.5	18.6	19.2	19.3
Total arrests	1,000	89	58	59	50	45	472	314	325	315	272
Per 100 offenses	Rate	42.7	33.3	40.5	42.9	39.4	17.4	18.0	18.1	18.1	18.5
Persons charged	1,000	83	55	56	47	43	406	282	298	284	247
Per 100 offenses	Rate	39.7	31.5	38.4	40.7	37.6	15.0	16.2	16.6	16.3	16.8
Guilty as charged	1,000	20	13	14	15	13	119	83	92	95	81
Per 100 offenses	Rate	9.6	7.4	10.0	12.5	11.5	4.4	4.8	5.1	5.5	5.5
Guilty of lesser offenses	1,000	7	5	3	3	3	16	10	8	9	8
Per 100 offenses	Rate	3.4	2.7	2.2	2.7	2.9	.6	.6	.4	.5	.5
Acquitted or dismissed	1,000	18	12	12	10	9	47	34	33	34	25
Per 100 offenses	Rate	8.7	7.1	8.0	8.7	7.9	1.7	1.9	1.9	1.9	1.7
Referred to juvenile court	1,000	16	9	9	8	7	154	102	113	102	91
Per 100 offenses	Rate	7.5	5.1	6.4	6.6	6.3	5.7	5.8	6.3	5.9	6.2

Source of tables 317-319: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual; and unpublished data.

NO. 320. PERSONS ARRESTED—RACE, SEX, AND AGE: 1970 TO 1979

[See also *Historical Statistics, Colonial Times to 1970,* series H 999-1011]

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979
Agencies reporting	Number	5,208	6,114	5,914	5,222	7,993	10,058	10,864	11,852	11,689
Population represented	Mil	142	151	145	124	169	173	197	207	204
Persons arrested [1]	1,000	6,257	6,707	6,248	5,853	7,671	7,384	8,972	9,688	9,468
White	1,000	4,373	4,664	4,459	4,112	5,539	5,337	6,429	6,793	6,849
Percent of total	Percent	69.9	69.5	71.4	70.3	72.2	72.3	71.7	70.1	72.3
Black	1,000	1,688	1,848	1,636	1,562	1,935	1,870	2,308	2,562	2,343
Other	1,000	196	195	153	179	197	177	235	333	276
SEX AND AGE										
Agencies reporting	Number	5,270	6,195	6,004	5,208	8,051	10,119	10,904	11,872	11,758
Population represented	Mil	152	160	155	134	179	175	198	207	205
Persons arrested [1]	1,000	6,570	7,013	6,500	6,179	8,014	7,912	9,029	9,775	9,506
Male	1,000	5,624	5,956	5,502	5,185	6,752	6,672	7,581	8,227	8,011
Percent of total	Percent	85.6	84.9	84.6	83.9	84.3	84.3	84.0	84.2	84.3
Percent under 18 yr	Percent	23.2	23.3	24.4	26.4	25.5	23.3	22.5	22.0	21.3
Female	1,000	947	1,057	998	994	1,262	1,240	1,448	1,548	1,495
Percent of total	Percent	14.4	15.1	15.4	16.1	15.7	15.7	16.0	15.8	15.7
Percent under 18 yr	Percent	37.5	38.4	37.6	36.1	35.5	33.5	32.2	30.4	29.4
Under 18 years	1,000	1,661	1,794	1,717	1,683	2,078	1,973	2,170	2,279	2,143
Percent of total	Percent	25.3	25.6	26.4	27.2	25.9	24.9	24.0	23.3	22.5
18–24 years	1,000	1,765	1,958	1,869	1,886	2,482	2,517	2,920	3,257	3,279
25–34 years	1,000	1,128	1,270	1,179	1,140	1,546	1,589	1,887	2,111	2,106
35–44 years	1,000	887	884	768	664	870	857	970	1,037	983
45–54 years	1,000	685	681	597	500	644	604	665	669	600
55 and over	1,000	425	413	360	299	386	367	409	412	385

[1] Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

NO. 321. PERSONS ARRESTED BY CHARGE, SEX, AND AGE: 1975 AND 1979

[**In thousands, except percent.** Represents arrests reported by 8,688 agencies with a total of 1979 population of 179,932,000 as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1975	1979		1975	1979		Male		Female	
		Total	Under 18 yr.		Total	Under 18 yr.	1975	1979	1975	1979
Total persons arrested [1]	**6,744.1**	**6,854.8**	**1,482.7**	**1,266.8**	**1,274.2**	**381.8**	**24.4**	**21.6**	**34.6**	**30.0**
Serious crimes [2]	**1,562.7**	**1,522.3**	**607.1**	**376.5**	**376.6**	**136.2**	**43.7**	**39.9**	**40.2**	**36.2**
Murder [3]	14.5	13.3	1.3	2.7	2.2	.2	10.3	9.7	6.2	7.5
Forcible rape	22.4	25.6	4.2	.2	.2	.1	17.8	16.4	26.1	27.1
Robbery	124.4	106.6	34.1	9.4	8.6	2.6	34.3	32.0	36.1	30.0
Aggravated assault	182.4	200.6	31.1	27.5	28.7	5.4	16.8	15.5	20.9	18.9
Burglary—breaking or entering	433.3	382.9	187.4	24.9	26.1	13.1	52.2	48.9	50.3	50.3
Larceny—theft	657.9	664.3	285.6	301.5	297.8	107.7	47.1	43.0	41.0	36.2
Motor vehicle theft	114.7	114.9	56.3	8.6	11.2	6.4	53.5	49.0	57.9	57.0
Arson	13.1	14.1	7.2	1.7	1.8	.8	53.3	50.7	43.5	42.0
All other:										
Other assaults	306.6	327.3	57.4	49.2	52.4	14.9	17.9	17.5	30.1	28.5
Forgery and counterfeiting	41.8	42.6	6.3	16.8	19.0	2.6	12.7	14.7	12.7	13.6
Fraud	99.4	116.8	5.2	51.9	77.2	1.9	3.4	4.5	2.5	2.5
Embezzlement	6.7	4.8	.7	3.1	1.7	.2	7.8	14.1	4.3	11.9
Stolen property [4]	91.9	84.5	28.8	11.1	10.2	2.8	32.7	34.1	25.5	27.4
Weapons (carrying, possessing)	122.8	118.8	20.2	10.6	9.4	1.3	16.5	17.0	12.5	13.6
Prostitution and commercialized vice	13.2	24.0	1.1	37.9	45.5	1.9	4.5	4.4	4.8	4.1
Sex offenses [5]	47.5	51.1	9.4	3.9	4.5	.7	20.3	18.8	28.5	16.3
Drug abuse violations	452.8	405.6	82.9	72.4	60.7	16.6	23.4	20.4	28.6	27.3
Gambling	47.2	36.7	1.3	4.4	3.7	.1	3.7	3.6	2.3	1.6
Offenses against family and children	49.7	37.0	1.4	6.0	4.5	.9	7.1	3.8	33.3	19.4
Driving while intoxicated	864.6	977.3	23.2	75.1	94.4	2.6	1.9	2.4	1.8	2.8
Liquor laws	229.1	295.4	97.6	37.8	51.1	27.2	36.5	33.0	56.3	53.2
Drunkenness	1,111.7	877.8	33.7	85.2	69.5	5.4	3.3	3.8	6.5	7.8
Disorderly conduct	453.4	445.1	82.9	115.3	74.8	17.9	21.4	18.6	17.3	24.0
Vagrancy	28.4	24.5	3.7	6.2	7.6	.9	15.7	15.0	13.0	11.7
All other offenses, except traffic	879.5	1,666.9	208.0	162.5	205.8	50.5	24.0	17.8	33.6	24.5

[1] Includes curfew violators and runaways. [2] Includes arson arrests, a newly established index offense in 1979. [3] Includes nonnegligent manslaughter. [4] Buying, receiving, possessing. [5] Excludes forcible rape and prostitution, shown separately.

Source of tables 320 and 321: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 322. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1979

[Represents arrests (not charges) reported by 11,758 agencies with a total 1979 population of 205 million as estimated by FBI]

PERSONS ARRESTED, BY CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 and over
Total arrests	**9,506**	**84.3**	**7.0**	**22.5**	**34.5**	**32.5**	**6.3**	**3.1**	**1.0**
Serious crimes [1]	**2,163**	**80.5**	**14.3**	**38.8**	**32.9**	**22.9**	**3.1**	**1.5**	**.7**
Murder and nonnegligent manslaughter	18	86.3	1.1	9.3	34.9	43.6	7.2	3.3	1.7
Forcible rape	29	99.2	3.7	15.9	39.8	39.1	3.4	1.2	.4
Robbery	131	92.6	8.1	31.5	42.9	23.8	1.2	.4	.1
Aggravated assault	257	87.6	4.2	15.5	34.4	40.5	6.1	2.5	.9
Burglary [2]	468	93.7	17.5	48.6	34.4	15.3	1.1	.3	.1
Larceny—theft	1,098	69.7	16.6	40.4	30.6	22.2	3.6	2.0	1.1
Motor vehicle theft	144	91.1	12.7	49.2	33.2	15.7	1.3	.4	.1
Arson	18	88.7	28.5	49.0	24.2	21.6	3.4	1.3	.5
All other:									
Other assaults	451	86.4	6.2	18.7	34.1	39.1	5.4	2.0	.6
Forgery and counterfeiting	71	69.1	2.4	14.0	40.3	41.1	3.5	.9	.2
Fraud	243	59.6	.6	3.4	32.3	55.7	6.1	1.9	.5
Embezzlement	8	74.7	2.3	12.6	34.4	43.9	6.7	1.7	.3
Stolen property [3]	108	89.3	9.5	33.1	38.3	24.6	2.6	1.0	.3
Vandalism	239	91.6	25.9	54.2	27.9	15.3	1.6	.6	.2
Weapons (carrying, etc.)	153	92.6	3.8	16.4	36.7	37.7	5.7	2.5	.9
Prostitution and commercialized vice	83	32.5	.4	4.0	58.1	33.3	2.9	1.3	.4
Sex offenses [4]	63	92.2	6.7	18.2	29.5	39.9	7.3	3.6	1.4
Drug abuse violations	519	86.5	3.2	22.0	50.0	26.0	1.3	.4	.1
Gambling	51	90.5	.5	4.1	18.3	44.7	17.5	10.6	4.7
Offenses against family and children	53	90.1	2.1	4.8	31.2	56.1	6.0	1.5	.4
Driving while intoxicated	1,232	91.3	(z)	2.4	31.5	47.0	11.7	5.8	1.6
Liquor laws	387	85.3	2.7	36.0	47.8	11.5	2.6	1.4	.5
Drunkenness	1,090	92.7	.4	4.2	27.5	41.9	15.1	8.7	2.6
Disorderly conduct	712	84.6	4.5	17.6	41.1	32.2	5.5	2.6	.9
Vagrancy	35	77.5	3.6	14.3	40.2	34.6	6.4	3.4	1.1
Suspicion	18	85.5	8.0	27.1	40.9	27.2	2.9	1.2	.5
Curfew, loitering (juveniles)	78	78.0	25.2	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles)	153	41.6	40.8	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic	1,596	85.2	5.5	18.5	37.6	35.2	5.6	2.2	.7

X Not applicable. Z Less than .05 percent [1] Includes arson arrests, a newly established Index offense in 1979. [2] Breaking or entering. [3] Buying, receiving, possessing. [4] Excludes forcible rape and prostitution, shown separately.

NO. 323. PERSONS ARRESTED BY CHARGE, AND RACE: 1979

[**In thousands.** Represents arrests (not charges) reported by 11,689 agencies with a total 1979 population 204 million as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other
Total [1]	**9,468**	**6,849.2**	**2,342.7**	**275.7**
Serious crimes [2]	**2,154**	**1,405.7**	**697.2**	**50.5**
Murder and nonnegligent manslaughter	18	9.0	8.7	.5
Forcible rape	29	14.6	13.9	.6
Robbery	131	53.5	74.3	2.8
Aggravated assault	256	155.8	94.6	5.5
Burglary [2]	464	322.5	133.0	8.6
Larceny—theft	1,094	735.7	330.3	28.0
Motor vehicle theft	143	100.2	38.9	4.1
Arson	18	14.5	3.5	.3
All other:				
Other assaults	449	293.8	144.3	10.8
Forgery and counterfeiting	70	47.0	22.6	.8
Embezzlement, fraud	250	170.0	76.9	2.6
All other—Con.:				
Stolen property [4]	107	71.0	34.3	1.6
Weapons (carrying, etc.)	152	92.9	55.0	4.3
Prostitution and commercialized vice	83	37.8	43.7	1.5
Sex offenses [5]	62	48.3	12.6	1.5
Drug abuse violations	516	396.1	112.7	7.3
Gambling	51	14.1	34.5	2.2
Offenses against family and children	53	33.4	18.7	.9
Driving, intoxicated	1,224	1,048.2	151.2	24.8
Liquor laws	386	347.4	25.3	13.0
Drunkenness	1,090	876.1	181.5	32.4
Disorderly conduct	710	466.7	210.7	32.5
Vagrancy	35	21.4	12.3	.9
Other, except traffic	1,591	1,083.0	430.5	77.4

[1] Includes curfew violators and runaways. [2] Includes arson arrest. [3] Breaking or entering. [4] Buying, receiving, possessing. [5] See footnote 4, table 322.

Source of tables 322 and 323: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 324. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1970 TO 1978

[Expenditures are for fiscal years closing during the 12 months ending June 30. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
							Total [1] (1,000)			Rate [2]		
	1970	1974	1975	1976	1977	1978	1970	1975	1978	1970	1975	1978
All governments	[3] **8,571**	[3] **14,954**	[3] **17,249**	[3] **19,681**	[3] **21,574**	[3] **24,091**	**775**	[3] **1,051**	[3] **1,152**	**38.0**	[3] **49.3**	[3] **52.8**
Police	5,080	8,512	9,786	11,028	11,865	13,104	489	625	656	24.0	29.3	30.1
Judicial	1,190	1,798	2,068	2,428	2,638	3,040	96	132	149	4.7	6.2	6.8
Legal services	442	771	933	1,048	1,225	1,469	38	55	70	1.9	2.6	3.2
Public defense	102	245	280	331	404	523	3	6	8	.2	.3	.4
Corrections	1,706	3,240	3,843	4,386	4,934	5,516	148	225	266	7.3	10.5	12.2
Federal Government	[3] **978**	[3] **1,961**	[3] **2,189**	[3] **2,450**	[3] **2,779**	[3] **3,090**	**59**	[3] **96**	[3] **104**	**2.9**	[3] **4.5**	[3] **4.8**
Police	589	1,222	1,461	1,612	1,765	1,952	40	69	74	1.9	3.2	3.4
Judicial	129	136	165	219	290	295	7	7	8	.3	.3	.4
Legal services	102	118	177	149	186	216	7	7	8	.3	.3	.4
Public defense	56	92	87	104	140	209	(z)	(z)	(z)	(z)	(z)	(z)
Corrections	83	215	217	256	299	331	6	11	12	.3	.5	.6
State governments	[3] **2,134**	[3] **3,900**	[3] **4,612**	[3] **5,204**	[3] **5,812**	[3] **6,688**	**172**	[3] **263**	[3] **311**	**8.5**	[3] **12.4**	[3] **14.3**
Percent of total	24.9	26.1	26.7	26.4	26.9	27.8	22.2	25.0	27.0	(x)	(x)	(x)
Police	689	1,308	1,512	1,696	1,800	1,892	56	92	92	2.7	4.3	4.2
Judicial	282	439	498	585	651	1,013	18	26	42	.9	1.2	1.9
Legal services	83	178	216	248	297	386	7	12	18	.3	.6	.8
Public defense	9	52	65	70	78	98	1	3	3	(z)	.1	.1
Corrections	1,051	1,813	2,193	2,475	2,847	3,177	90	127	151	4.4	6.0	6.9
Local governments	[3] **5,454**	[3] **9,092**	[3] **10,449**	[3] **12,027**	[3] **12,983**	[3] **14,313**	**543**	[3] **691**	[3] **743**	**26.7**	[3] **32.4**	[3] **34.1**
Percent of total	63.6	60.8	60.6	61.1	60.2	59.4	70.1	65.7	64.5	(x)	(x)	(x)
Police	3,803	5,982	6,813	7,720	8,300	9,260	394	463	490	19.3	21.7	22.5
Judicial	779	1,223	1,405	1,624	1,698	1,732	70	99	99	3.4	4.7	4.5
Legal services	257	475	540	651	743	867	25	36	44	1.2	1.7	2.0
Public defense	37	101	128	157	185	217	3	4	5	.1	.2	.2
Corrections	572	1,213	1,434	1,654	1,788	2,008	52	87	102	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05. [1] Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. [2] Rate per 10,000 estimated population as of July 1, excluding Armed Forces abroad. [3] Includes amounts not shown separately.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 325. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1979

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Jurisdictions: [1]										
With wiretap statutes	19	20	21	24	24	24	24	24	24	26
Reporting interceptions	12	14	18	20	19	18	21	19	20	20
Intercept applications authorized	*596*	*816*	*855*	*864*	*728*	*701*	*686*	*626*	*570*	*553*
Residence or apartment	366	553	569	556	419	455	435	410	361	393
Business or other	230	263	286	308	309	246	251	216	209	160
Intercept installations	582	792	841	812	694	676	635	601	560	533
Average length (days)	22	22	22	24	23	22	23	25	24	24
Tap (telephone wiretap)	538	753	779	731	633	620	581	554	510	484
Bug (incl. unspecified) [2]	44	39	62	81	61	56	54	47	50	49
Federal	179	281	205	130	120	106	136	77	81	87
State	403	511	636	682	574	570	499	524	479	446
Intercepted communications, avg. [3]	656	643	600	610	850	654	662	658	738	866
Incriminating	296	399	303	304	431	305	272	268	205	252
Persons arrested [4]	1,874	2,811	2,861	2,306	2,162	2,234	2,180	2,191	1,825	1,717
Convictions [4]	151	322	402	409	179	336	358	372	337	368
Major offense specified:										
Gambling	326	570	497	446	381	408	378	265	241	204
Drugs	127	126	230	229	199	178	190	237	195	250
Homicide and assault	20	18	35	47	21	16	10	22	25	29
Larceny and theft	31	31	22	36	22	5	9	20	7	7
Bribery	16	16	9	25	25	21	24	17	15	4
Other	76	55	62	81	80	73	75	65	87	59

[1] Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. [2] A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously. [3] Average per authorized installation. [4] Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Reports on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

No. 326. State and Local Government Police and Corrections Employment and Expenditures, 1960 to 1978, and by States, 1978

[Employees as of **October**. Direct expenditures for police protection are for fiscal years ending **June 30** in year stated. Local government data are estimates subject to sampling variation; see source]

Year and state	Employees (full-time equivalent) [1]								Police expenditures			
	Police protection				Corrections				State and local (mil. dol.)	Local		Corrections expenditures, State and local (mil. dol.)
	State and local	Rate per 1,000 population [2]	Local		State and local	Rate per 1,000 population [2]	Local			Total (mil. dol.)	Percent	
			Total	Percent			Total	Percent				
1960	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	(NA)	1,857	1,612	87	678
1965	348,569	1.8	308,472	88.5	110,700	.6	41,163	37.2	2,549	2,201	86	974
1970	449,656	2.2	393,810	87.6	142,307	.7	51,973	36.5	4,491	3,803	85	1,624
1972	486,152	2.3	410,765	84.5	177,864	.9	70,079	39.4	5,941	4,950	83	2,289
1973	511,146	2.4	429,512	84.0	187,298	.9	75,122	40.1	6,535	5,405	83	2,564
1974	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026
1975	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627
1976	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130
1977	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,099	8,300	82	4,635
1978 [3]	**581,957**	**2.7**	**489,514**	**84.1**	**253,448**	**1.2**	**102,040**	**40.3**	**11,153**	**9,261**	**83**	**5,185**
Ala	8,469	2.3	6,943	82.0	3,276	.9	1,393	42.5	122	93	76	52
Alaska	1,408	3.5	734	52.1	522	1.3	26	5.0	47	23	49	19
Ariz	7,337	3.1	5,728	78.1	3,178	1.4	1,484	46.7	157	122	78	66
Ark	4,101	1.9	3,246	79.2	1,396	.6	517	37.0	56	39	70	27
Calif	60,069	2.7	50,648	84.3	32,024	1.4	19,534	61.0	1,440	1,201	83	786
Colo	7,231	2.7	6,242	86.3	2,911	1.1	910	31.3	140	115	82	64
Conn	1,825	2.5	6,381	81.5	2,669	.9	5	.2	147	117	80	54
Del	1,619	2.8	890	55.0	944	1.6	–	–	31	18	58	16
D.C	4,637	6.9	4,637	100.0	2,922	4.3	2,922	100.0	99	99	100	70
Fla	25,371	3.0	21,956	86.5	13,716	1.6	3,406	24.8	444	379	85	228
Ga	12,512	2.5	10,267	82.1	6,697	1.3	2,192	32.7	195	147	75	126
Hawaii	2,641	2.9	2,539	96.1	628	.7	45	7.2	56	55	98	23
Idaho	2,245	2.6	1,758	78.3	725	.8	196	27.0	34	25	74	12
Ill	35,313	3.1	31,648	89.6	10,825	1.0	4,578	42.3	685	609	89	220
Ind	10,712	2.0	8,606	80.3	4,132	.8	1,696	41.0	178	134	75	77
Iowa	5,629	1.9	4,425	78.6	2,438	.8	866	35.5	98	71	72	42
Kans	5,196	2.2	4,375	84.2	2,386	1.0	656	27.5	76	63	83	44
Ky	7,001	2.0	5,108	73.0	3,121	.9	1,271	40.7	125	82	66	56
La	12,917	3.3	9,625	74.5	5,321	1.3	1,741	32.7	180	134	74	87
Maine	2,270	2.1	1,735	76.4	870	.8	192	22.1	33	23	70	13
Md	12,294	3.0	9,475	77.1	6,312	1.5	1,189	18.8	240	186	78	152
Mass	17,017	2.9	14,678	86.3	6,349	1.1	2,662	41.9	333	290	87	131
Mich	23,205	2.5	19,271	83.0	10,224	1.1	4,376	42.8	510	424	83	249
Minn	7,344	1.8	6,457	87.9	3,474	.9	1,655	47.6	147	122	83	84
Miss	4,808	2.0	3,603	74.9	1,707	.7	448	26.2	66	43	65	26
Mo	13,462	2.8	11,733	87.0	4,360	.9	1,901	43.6	220	185	84	74
Mont	1,826	2.3	1,492	81.7	939	1.2	230	24.5	28	21	75	14
Nebr	3,260	2.1	2,612	80.1	1,403	.9	387	27.6	52	39	75	31
Nev	2,354	3.6	2,048	87.0	1,412	2.1	621	44.0	49	42	86	36
N.H	2,022	2.3	1,614	79.8	752	.9	218	29.0	34	26	76	12
N.J	26,299	3.6	22,717	86.4	10,164	1.4	5,989	58.9	479	413	86	167
N. Mex	3,533	2.9	2,647	74.9	1,142	.9	332	29.1	53	38	72	24
N.Y	70,594	4.0	64,177	90.9	26,512	1.5	11,523	43.5	1,726	1,611	93	593
N.C	11,714	2.1	9,513	81.2	7,966	1.4	974	12.2	181	139	77	130
N. Dak	1,169	1.8	977	83.6	398	.6	111	27.9	18	15	83	7
Ohio	25,142	2.3	22,506	89.5	11,433	1.1	4,629	40.5	409	355	87	229
Okla	6,627	2.3	4,966	74.9	2,718	.9	539	19.8	100	68	68	65
Oreg	5,891	2.4	4,593	78.0	3,065	1.3	1,122	36.6	121	87	80	66
Pa	28,207	2.4	22,586	80.1	10,915	.9	5,725	52.5	531	408	77	249
R.I	2,600	2.8	2,252	86.6	842	.9	–	–	47	37	79	25
S.C	6,883	2.4	5,027	75.2	3,667	1.3	648	17.7	98	67	68	51
S. Dak	1,340	1.9	1,045	78.0	468	.7	94	20.1	22	16	73	8
Tenn	10,061	2.3	8,649	86.0	5,056	1.2	1,633	32.3	159	132	83	82
Tex	30,026	2.3	25,127	83.7	10,329	.8	5,223	50.6	486	398	82	192
Utah	3,170	2.4	2,453	77.4	1,119	.9	256	22.9	60	41	68	29
Vt	1,005	2.1	579	57.6	496	1.0	3	.6	16	8	50	8
Va	11,557	2.2	9,155	79.3	8,810	1.7	2,636	29.9	191	146	76	154
Wash	8,280	2.2	6,554	79.2	4,793	1.3	1,782	37.2	163	129	79	95
W. Va	3,349	1.8	2,305	68.8	1,155	.6	297	25.7	49	31	63	19
Wis	11,105	2.4	10,150	91.4	4,342	.9	1,114	25.7	201	181	90	84
Wyo	1,296	3.1	1,062	81.9	425	1.0	93	21.9	21	15	71	98

– Represents zero. NA Not available. [1] See footnote 1, table 324. [2] Estimated population, as of July 1. [3] Detail may not add to total because of rounding and because States and national data are derived independently.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 327. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUPS: 1970 TO 1979

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more. For explanation of average annual percent change, see Guide to Tabular Presentation. See also table 706]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more
POLICE										
1970	$8,448	$7,357	$7,926	$7,888	$9,300	$10,017	$8,648	$9,385	$9,616	$10,927
1973	9,928	8,840	9,258	9,364	10,870	12,309	10,612	11,065	11,691	13,707
1974	10,537	9,394	9,891	9,790	11,595	13,081	11,303	11,907	12,246	14,611
1975	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1976	11,948	10,647	11,362	11,249	13,165	14,932	13,039	13,826	14,341	16,556
1977	12,461	11,219	11,968	11,783	13,592	15,603	13,716	14,521	15,250	17,254
1978	13,249	11,822	12,746	12,659	14,414	16,686	14,607	15,414	16,425	18,252
1979	13,985	12,564	13,411	13,544	15,145	17,640	15,699	16,417	17,506	19,120
Annual percent change:										
1970-1975	5.8	6.5	6.3	6.3	5.3	6.9	7.2	6.8	7.1	7.0
1975-1978	5.8	5.5	5.9	5.8	6.1	6.0	6.0	5.8	6.6	6.1
1978-1979	5.6	6.3	5.2	7.0	5.1	5.7	7.5	6.5	6.6	4.8
FIREFIGHTERS										
1970	$8,041	$7,103	$7,685	$7,786	$9,253	$9,482	$8,349	$9,089	$9,293	$10,828
1973	9,502	8,596	9,029	9,211	10,832	11,589	10,242	10,788	11,240	13,564
1974	10,047	9,087	9,708	9,571	11,541	12,309	10,874	11,680	11,808	14,450
1975	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1976	11,422	10,301	11,167	11,074	13,115	14,082	12,499	13,614	13,835	16,325
1977	12,065	10,893	11,758	11,627	13,917	14,989	13,266	14,279	14,834	17,461
1978	12,738	11,512	12,436	12,505	14,440	15,853	14,168	15,036	16,016	18,051
1979	13,435	12,308	13,065	13,231	15,062	16,826	15,266	15,996	17,033	18,863
Annual percent change:										
1970-1975	6.0	6.6	6.4	6.3	5.3	6.9	7.2	7.0	7.2	6.8
1975-1976	5.9	5.6	5.9	5.7	6.5	6.2	6.2	5.6	6.7	6.3
1978-1979	5.5	6.9	5.1	5.8	4.3	6.1	7.7	6.4	6.3	4.5

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1980. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

NO. 328. LEGAL SERVICES—SELECTED DATA: 1972 AND 1977

ITEM	1972 [1]					1977 [3]					
	All establishments		Establishments with payroll			All establishments		Establishments with payroll			
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Paid employees [2] (1,000)	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Annual payroll (mil. dol.)	Paid employees [2] (1,000)
Total	**144.5**	**10,938**	**77.3**	**9,724**	**267.7**	**167.9**	**18,696**	**94.9**	**17,147**	**5,217**	**392.0**
Sole proprietorships	95.8	2,885	30.9	1,730	53.6	124.4	4,739	53.8	3,309	698	93.1
Partnerships	25.5	5,911	23.7	5,857	150.1	29.2	10,093	27.2	9,991	2,347	197.8
Corporations [4]	4.6	1,056	4.5	1,053	31.5	14.2	3,854	13.8	3,837	2,162	100.4
Establishments [5] with annual receipts of—											
Less than $20,000	(NA)	(NA)	10.0	123	10.0	48.3	396	5.5	74	23	6.1
$20,000 to $99,999	(NA)	(NA)	42.1	2,080	67.2	67.0	3,173	45.2	2,322	519	71.2
$100,000 or more	(NA)	(NA)	20.6	6,867	173.2	34.5	14,120	33.1	13,932	4,442	290.6
Selected States:											
California	14.0	1,217	8.1	1,115	29.3	20.7	2,343	11.0	2,150	706	47.5
New York	21.5	1,918	9.7	1,708	43.0	20.7	2,823	10.0	2,596	762	52.9
Texas	7.9	533	4.1	464	12.8	9.3	1,043	5.5	954	258	20.5
Florida	5.5	503	3.5	470	13.3	7.3	950	5.1	904	361	22.2
Illinois	8.9	718	4.2	628	15.5	9.6	1,271	4.8	1,156	351	23.0
Pennsylvania	6.7	547	3.4	474	13.7	7.5	846	4.0	1,770	226	18.2
Ohio	7.2	450	3.5	381	10.6	8.0	733	4.0	645	186	15.5
New Jersey	5.4	430	3.1	393	11.3	6.6	663	4.0	615	208	15.4
Michigan	4.7	410	2.7	370	9.3	5.6	623	3.2	574	212	13.3
Massachusetts	6.0	341	2.5	287	8.4	6.7	546	2.8	471	130	10.8
Virginia	2.6	186	1.7	169	5.4	3.3	331	2.2	309	91	8.2
District of Columbia	1.9	308	.9	285	6.1	2.0	638	1.1	612	175	10.0

NA Not available. [1] Includes other and unknown legal forms, not shown separately. [2] For week including March 12. [3] Includes other legal forms including expense sharing associations, not shown separately. [4] Represents professional service organizations. [5] Establishments operating entire year.

Source: U.S. Bureau of the Census, 1977 Census of Service Industries, *Establishment and Firm Size* (SC 72-S.1), and *Geographic Area Series* (SC 72-A) and (SC 77-A).

No. 329. Lawyers—Selected Characteristics: 1954 to 1970

[Data based on *Martindale-Hubbell Law Directory*. Represents all members of the bar, including those inactive or retired. See also *Historical Statistics, Colonial Times to 1970*, series H 1028-1062]

Characteristic	1954	1957	1960	1963	1966	1970
All lawyers [1]	**241,514**	**262,320**	**285,933**	**296,069**	**316,856**	**355,242**
Lawyers reporting	**221,600**	**235,783**	**252,385**	**268,782**	**289,404**	**324,818**
Male	216,564	229,433	245,897	261,639	281,336	315,715
Female	5,036	6,350	6,488	7,143	8,068	9,103
Status in practice: [2] Government	21,279	24,245	25,621	29,314	31,280	35,803
Judicial	7,903	7,910	8,180	8,748	9,712	10,349
Private practice	189,423	188,955	192,353	200,568	212,662	236,085
Salaried	16,648	21,054	25,198	29,510	33,222	40,486

[1] Adjusted for underreporting and duplication. [2] Categories not mutually exclusive.

Source: American Bar Foundation, Chicago, Ill., *The 1971 Lawyer Statistical Report, 1971*. (Copyright.)

No. 330. Federal Prosecutions of Public Corruption: 1970 to 1979

[As of **Dec.** Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

Prosecution status	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total: [1] Indicted	63	160	208	244	291	255	563	507	557	666
Convicted	44	108	142	181	217	179	380	440	409	536
Awaiting trial	-	-	5	18	5	27	199	210	205	178
Federal officials: Indicted	9	58	58	60	59	53	111	129	133	114
Convicted	9	40	42	48	51	43	101	94	91	102
Awaiting trial	-	-	4	2	1	5	1	32	42	21
State officials: Indicted	10	21	17	19	36	36	59	50	55	56
Convicted	7	16	10	17	23	18	35	38	56	31
Awaiting trial	-	-	-	-	-	5	30	33	20	29
Local officials: Indicted	26	46	106	85	130	139	194	157	171	211
Convicted	16	28	75	64	87	94	100	164	127	151
Awaiting trial	-	-	-	2	4	15	98	62	72	63

- Represents zero. [1] Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1978*, and *Annual Report*.

No. 331. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1979

[Statutory term of court begins first Monday in **October**. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

Action	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total cases on docket	**4,212**	**4,640**	**5,079**	**4,668**	**4,761**	**4,731**	**4,704**	**4,731**	**4,781**
Appellate cases on docket	1,903	2,183	2,480	2,308	2,352	2,324	2,341	2,383	2,509
From prior term	325	442	412	540	431	452	472	434	425
Docketed during present term	1,578	1,741	2,068	1,768	1,921	1,872	1,869	1,949	2,084
Cases acted upon	1,613	1,834	1,948	1,967	1,900	2,019	1,979	2,023	2,050
Granted review	214	217	229	235	244	237	224	210	199
Denied, dismissed, or withdrawn	1,285	1,397	1,572	1,594	1,538	1,620	1,676	1,734	1,776
Summarily decided	114	220	147	138	118	162	79	79	75
Cases not acted upon	290	349	532	341	452	305	362	360	459
Pauper cases on docket	2,289	2,436	2,585	2,348	2,395	2,398	2,349	2,331	2,249
Cases acted upon	1,802	1,982	2,013	1,976	1,997	2,083	1,960	1,996	1,838
Granted review	41	35	30	28	28	30	24	27	32
Denied, dismissed, or withdrawn	1,683	1,902	1,942	1,914	1,903	2,013	1,899	1,938	1,757
Summarily decided	78	45	41	34	66	40	37	31	49
Cases not acted upon	487	454	572	372	398	315	389	335	411
Original cases on docket	20	21	14	12	14	8	14	17	23
Cases disposed of during term	7	8	4	4	7	2	3	-	1
Total cases available for argument	267	256	261	278	280	269	280	249	238
Cases disposed of	160	180	172	178	181	181	185	170	160
Cases argued	151	177	170	175	179	176	172	168	156
Cases dismissed or remanded without argument	9	3	2	3	2	5	13	2	4
Cases remaining	107	76	89	100	99	88	75	79	78
Cases decided by signed opinion	126	159	161	144	160	154	153	153	143
Cases decided by per curiam opinion	22	18	8	20	16	22	8	8	12
Number of signed opinions	109	140	140	123	138	126	129	130	130

- Represents zero.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 332. U.S. Courts of Appeals: 1950 to 1979

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Cases commenced [1]	**2,830**	**3,899**	**6,766**	**11,662**	**15,629**	**16,436**	**16,658**	**18,408**	**19,118**	**18,918**	**20,219**
Criminal	308	623	1,223	2,660	4,453	4,067	4,187	4,650	4,738	4,487	4,102
U.S. civil	708	788	1,387	2,167	2,704	3,267	2,981	3,327	3,622	3,928	3,983
Private civil	1,114	1,534	2,677	4,834	6,172	6,157	6,511	7,077	7,358	7,234	8,237
Administrative appeals	485	737	1,106	1,522	1,616	2,205	2,290	2,515	2,564	2,382	2,922
Cases terminated [1]	**3,064**	**3,713**	**5,771**	**10,699**	**15,112**	**15,422**	**16,000**	**16,426**	**17,784**	**17,714**	**18,928**
Criminal	*342*	*580*	*1,014*	*2,581*	*4,210*	*4,299*	*4,005*	*4,238*	*4,554*	*4,461*	*4,320*
U.S. civil	783	750	1,229	1,912	2,722	2,791	3,094	2,853	3,198	3,437	3,857
Private civil	1,184	1,517	2,183	4,367	6,030	5,847	6,252	6,248	6,680	6,813	7,175
Administrative appeals	541	660	1,004	1,407	1,493	1,734	1,909	2,359	2,510	2,256	2,602
Cases disposed of [2]	**2,355**	**2,681**	**3,545**	**6,139**	**9,618**	**8,451**	**9,077**	**9,351**	**11,400**	**8,850**	**9,285**
Affirmed or granted	1,700	1,924	2,635	4,626	7,163	6,429	6,763	6,995	7,826	6,717	7,062
Reversed or denied	528	656	773	1,280	1,693	1,579	1,632	1,680	1,715	1,536	1,542
Other	127	101	138	233	762	443	682	676	1,859	597	681
Median months [3]	7.1	6.8	8.0	8.2	6.4	6.8	7.4	7.1	7.1	8.0	8.2

[1] Includes types of cases not shown separately. [2] After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. [3] From filing of complete record to final disposition.

No. 333. U.S. District Courts—Civil and Criminal Cases: 1960 to 1979

[**In thousands, except percent.** For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Civil cases: Commenced	[1] 59.3	67.7	87.3	98.6	103.5	117.3	130.6	130.6	138.8	154.7
Cases terminated [2]	[1] 48.8	63.1	79.5	97.4	96.7	103.8	108.3	115.5	123.2	140.0
No court action	(NA)	29.3	31.1	37.0	35.9	39.2	41.7	45.2	45.3	60.2
Court action, total	(NA)	33.8	48.4	60.4	60.8	64.6	66.6	70.3	77.8	79.9
Before pretrial	(NA)	17.1	29.4	36.9	38.6	40.3	41.6	43.5	48.7	49.7
Pretrial	(NA)	9.4	11.0	15.2	13.9	15.6	16.2	17.7	19.7	20.5
Trials	(NA)	7.3	8.0	8.3	8.4	8.7	8.8	9.0	9.4	9.6
Percent reaching trial [2]	(NA)	11.6	10.0	8.5	8.7	8.4	8.1	7.8	7.6	6.9
Criminal cases: Commenced [3]	28.1	31.6	38.1	40.4	37.7	41.1	39.1	39.8	34.6	31.5
Defendants disposed of [1]	30.5	33.7	36.4	46.7	48.0	49.2	51.6	53.2	45.9	41.2
Not convicted	3.8	5.0	8.2	11.7	11.8	11.8	11.5	11.7	9.4	8.3
Dismissed	2.6	3.8	6.6	9.8	10.0	10.3	9.8	10.0	7.8	6.8
Acquitted	*1.2*	*1.2*	*1.6*	*2.0*	*1.8*	*1.5*	*1.7*	*1.8*	*1.6*	*1.5*
Convicted	26.7	28.8	28.2	35.0	36.2	37.4	40.1	41.5	36.5	32.9
By guilty plea [4]	24.2	25.9	24.1	29.0	30.7	31.8	34.0	35.3	31.1	27.3
By court or jury	2.5	2.8	4.1	6.0	5.6	5.6	6.1	6.1	5.4	5.6
Imprisonment	13.4	13.7	12.4	17.5	17.2	17.3	18.5	19.6	17.4	14.6
Probation	10.4	10.8	11.4	15.0	16.6	17.9	18.2	16.1	14.5	13.5
Fine and other	2.9	4.3	4.4	2.4	2.4	2.2	3.4	5.8	4.6	4.9

NA Not available. [1] Excludes D.C., Canal Zone, Guam, and Virgin Islands except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Islands beginning 1976; and N. Mariana Islands beginning 1978. [2] Excludes land condemnation cases. [3] Excludes transfers. [4] Includes nolo contendere.

No. 334. U.S. District Courts—Civil Cases Commenced and Terminated: 1979

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total	Percent reaching trial
Total	**154,666**	**143,323**	**61,419**	**81,904**	**50,979**	**20,649**	**10,276**	**7.2**
U.S. cases [1]	**55,840**	**47,184**	**22,177**	**25,007**	**20,234**	**2,570**	**2,203**	**4.7**
Contract actions	14,570	10,053	7,783	2,270	1,907	261	102	1.0
Real property actions	9,326	7,118	3,633	3,485	2,475	298	712	10.0
Tort actions	3,414	2,779	1,365	1,414	626	480	308	11.1
Actions under statutes	28,522	23,587	7,771	15,816	13,701	1,220	895	3.8
Private cases	**98,826**	**96,139**	**39,242**	**56,897**	**30,745**	**18,079**	**8,073**	**8.4**
Federal question [1]	63,221	63,015	24,921	38,094	24,168	9,549	4,377	6.9
Contract actions	5,656	5,239	2,747	2,492	955	1,302	235	4.5
Property actions	1,486	1,447	676	771	671	77	23	1.6
Tort actions	8,353	7,947	2,961	4,986	1,369	2,921	696	8.8
Actions under statutes	47,512	40,939	13,490	27,449	19,877	4,497	3,075	7.5
Diversity of citizenship [1]	34,491	31,968	13,534	18,434	6,420	8,515	3,499	10.9
Contract actions	*16,583*	*15,362*	*6,912*	*8,450*	*3,603*	*3,355*	*1,492*	*9.7*
Tort actions	16,888	15,634	6,174	9,460	2,554	4,991	1,915	12.2
Local jurisdiction	1,114	1,156	787	369	157	15	197	17.0

[1] Includes actions not shown separately.

Source of tables 332-334: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 335. U.S. District Courts—Trials: 1950 to 1979

[For years ending **June 30.** Through **1960,** trials commenced; thereafter, trails completed. Prior to **1965,** excludes D.C., Alaska, Hawaii, and outlying areas. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See also *Historical Statistics, Colonial Times to 1970,* series H 1112-1118]

TYPE OF TRIAL	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**7,977**	**9,042**	**11,485**	**16,032**	**19,467**	**18,572**	**19,236**	**19,580**	**18,827**	**18,851**	**18,563**
Civil trials	5,663	6,002	7,613	9,449	10,896	10,972	11,603	11,656	11,605	11,515	11,764
Nonjury	3,648	3,161	4,459	6,078	7,289	7,403	7,903	8,098	7,792	8,326	8,348
Jury	2,015	2,841	3,154	3,371	3,607	3,569	3,700	3,558	3,813	3,189	3,416
Criminal trials	2,314	3,040	3,872	6,583	8,571	7,600	7,633	7,924	7,222	7,336	6,799
Nonjury	825	943	1,143	2,357	2,927	2,753	2,726	2,773	2,661	3,344	3,132
Jury	1,489	2,097	2,729	4,226	5,644	4,847	4,907	5,151	4,561	3,992	3,667

No. 336. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1978 and 1979

[For years ending **June 30.** Excludes Canal Zone, Guam, and Virgin Islands]

NATURE OF OFFENSE	1978		1979, cases commenced [1]	DISPOSITION OF DEFENDANTS, 1979							
				Not convicted		Convicted			Sentenced		
	Cases commenced [1]	Defendants disposed of		Total	Acquitted	Total	Guilty plea	Court or jury	Imprisonment	Probation	Fine and other
Total	**34,624**	**45,922**	**31,536**	**8,262**	**1,471**	**32,913**	**27,295**	**5,618**	**14,580**	**13,459**	**4,874**
General offenses:											
Homicide	144	159	148	31	9	119	82	37	85	15	19
Robbery	1,377	1,814	1,149	201	40	1,230	972	258	1,133	93	4
Assault	582	685	541	199	37	419	310	109	229	154	36
Burglary	207	320	198	36	6	174	160	14	109	62	3
Larceny—theft	3,995	5,577	3,420	816	144	3,919	3,521	398	1,517	2,113	289
Embezzlement and fraud	6,581	7,953	6,630	1,251	278	6,801	6,000	801	2,351	4,028	422
Auto theft	810	1,196	399	126	37	615	514	101	451	159	5
Forgery, counterfeiting	3,818	3,887	2,877	464	69	2,712	2,432	280	1,360	1,326	26
Sex offenses	157	153	139	50	14	118	75	43	86	21	11
Narcotics	3,745	7,860	3,277	1,542	245	5,067	3,662	1,405	3,641	1,379	47
Misc. general offenses	9,486	10,655	8,704	2,289	387	7,014	5,500	1,514	2,129	1,639	3,246
Special offenses:											
Immigration laws	1,734	2,121	1,869	377	34	2,040	1,875	165	981	1,021	38
Liquor, Internal Revenue	100	158	41	15	7	60	55	5	22	37	1
Other Federal statutes	1,888	3,384	2,144	865	164	2,625	2,137	488	486	1,412	727

– Represents zero. [1] Excludes transfers.

No. 337. U.S. District Courts—Defendants Charged With Violations of Drug Abuse Prevention and Control Act: 1977 to 1979

[For years ending **June 30.** Excludes Canal Zone, Guam, and Virgin Islands]

ITEM	MARIHUANA			NARCOTICS			CONTROLLED SUBSTANCES (prescribed drugs)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
Defendants	**2,767**	**1,902**	**1,934**	**5,672**	**4,012**	**3,182**	**1,297**	**1,946**	**1,493**
Not convicted	630	562	540	1,194	1,027	709	285	454	293
Dismissed	546	504	453	969	838	597	242	387	247
Convicted [1]	2,137	1,340	1,394	4,478	2,985	2,473	1,012	1,492	1,200
By guilty pleas	1,705	1,061	1,000	3,456	2,189	1,765	798	1,190	897
Total imprisonment	1,284	854	897	3,332	2,285	1,914	596	980	830
Regular sentence	1,204	783	695	2,938	1,997	1,495	526	825	630
Avg. sentence (mo.)	29.4	33.8	39.1	48.4	58.7	60.0	34.6	49.9	41.6
1–12 months	466	241	104	757	412	154	181	232	111
13–35 months	281	158	206	410	328	265	120	137	143
36–59 months	274	245	224	749	518	434	120	193	210
60 months and over	183	139	161	1,022	739	642	105	263	166
Other sentences	80	71	202	394	288	419	70	155	200

[1] Includes probation and fine/other, not shown separately.

Source of tables 335-337: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

NO. 338. STATE COURTS OF GENERAL JURISDICTION—CASEFLOW, NUMBER OF COURTS, AND JUDGES: 1977

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text and summary tables for all reported data, respectively]

STATE	FILED					Disposed	COURTS—		Number of judges
	Total	Civil	Criminal	Traffic	Juvenile		Number	Geographical location	
Alabama	99,526	64,619	24,143	(X)	10,764	97,083	1	38	112
Alaska	13,940	11,375	1,082	(X)	1,483	12,785	1	4	20
Arizona	94,270	68,635	13,231	(X)	12,404	86,853	1	14	73
Arkansas	77,360	63,586	13,774	(X)	(X)	[1]68,184	2	37	56
California	713,880	548,933	57,161	(X)	107,786	586,045	1	58	542
Colorado	124,006	92,238	15,690	(X)	16,078	119,382	5	29	100
Connecticut	31,413	26,891	4,522	(X)	(X)	29,579	1	9	45
Delaware	10,525	6,428	4,097	(X)	(X)	10,149	2	6	14
District of Columbia	317,799	161,944	29,040	120,526	6,289	[2]315,533	1	1	44
Florida	418,877	250,080	92,526	(X)	76,271	392,328	1	20	269
Georgia	161,471	104,344	46,989	11,138	(X)	[3]143,970	1	42	96
Hawaii	31,025	20,850	1,992	108	8,075	27,684	3	6	23
Idaho	275,991	45,537	29,444	193,277	7,733	272,981	2	7	94
Illinois	3,524,456	635,666	519,334	2,343,770	25,686	3,369,022	1	21	643
Indiana	350,282	189,607	50,139	94,760	15,776	344,347	3	122	173
Iowa	597,231	129,770	190,363	271,039	6,059	[4]589,309	1	8	322
Kansas	185,710	58,005	19,835	107,870	(X)	166,569	1	29	210
Kentucky	79,671	65,998	13,673	(X)	(X)	(NA)	1	56	87
Louisiana	369,379	133,369	236,010	(X)	(X)	(NA)	1	39	137
Maine	15,587	7,568	6,138	1,881	(X)	11,534	1	16	14
Maryland	136,258	66,026	43,631	(X)	26,601	128,744	1	29	85
Massachusetts	66,649	31,395	35,254	(X)	(X)	75,816	1	14	46
Michigan	1,121,211	131,148	124,796	865,267	(X)	[5]187,449	3	52	170
Minnesota	[6]28,855	18,843	10,012	(X)	(NA)	[6]28,635	1	10	72
Mississippi	[6]59,963	52,521	7,442	(X)	(NA)	(NA)	2	40	66
Missouri	106,996	72,132	18,130	(X)	16,734	105,982	2	45	111
Montana [7]	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	1	19	29
Nebraska	25,201	18,640	6,561	(X)	(X)	21,861	1	21	45
Nevada	[8]9,769	[8]7,785	[8]1,448	(X)	[8]535	(NA)	1	9	25
New Hampshire	24,737	17,745	6,992	(X)	(X)	24,414	1	10	15
New Jersey	97,409	68,371	29,038	(X)	(X)	90,535	2	36	206
New Mexico	[6]43,873	39,217	4,656	(X)	(NA)	[6]37,437	1	13	39
New York	[9]147,426	[9]116,031	31,395	(X)	(X)	[9]149,047	2	68	357
North Carolina	120,563	69,299	51,264	(X)	(X)	115,544	1	31	57
North Dakota	11,065	9,006	1,083	2	974	9,847	1	6	19
Ohio	483,194	249,587	30,811	(X)	202,796	477,268	1	88	313
Oklahoma	427,230	172,864	59,289	186,171	8,906	384,933	1	24	169
Oregon	81,868	53,264	14,174	(X)	14,430	[10]63,732	2	21	72
Pennsylvania	288,878	180,206	73,058	(X)	35,614	[11]281,511	1	59	285
Rhode Island	9,494	6,341	3,153	(X)	(X)	(NA)	1	4	17
South Carolina	60,088	29,259	30,829	(X)	(X)	58,575	1	16	25
South Dakota	[12]3,519	(NA)	(NA)	(X)	3,519	[12]111,936	1	8	36
Tennessee	118,220	86,347	30,062	1,811	(X)	109,325	4	63	115
Texas	[13][14]378,314	[14]285,335	[14]81,838	(X)	[14]11,141	[14]356,530	1	86	86
Utah	30,362	27,010	3,352	(X)	(X)	25,842	1	7	24
Vermont	80,227	17,237	18,059	43,693	1,038	86,340	2	29	18
Virginia	117,351	67,685	49,666	(X)	(X)	111,686	1	31	107
Washington	127,965	99,000	14,141	(X)	14,824	[15]99,805	1	28	110
West Virginia	52,030	34,837	9,875	(X)	7,318	48,955	1	31	57
Wisconsin	(NA)	(NA)	(NA)	(NA)	(NA)	733,209	2	96	181
Wyoming	10,318	9,044	1,274	(X)	([16])	[17]10,108	1	7	13

NA Not available. X Not applicable. [1]Excludes adoption, guardianship, miscellaneous probate, or mental health data for the Chancery and Probate Court. [2]Excludes estate data. [3]Excludes any cases filed before July 1, 1970. [4]Excludes guardianship, conservatorship, and trusteeship data. [5]Excludes ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. [6]Excludes juvenile data. [7]No data were available from the District Court. [8]Data were available only from Washoe County, representing less than half of the entire State population. [9]Excludes civil data from Seneca County. [10]Excludes criminal extraordinary writs. [11]Excludes adoption, mental health, and juvenile cases. [12]Excludes any civil or criminal data, or juvenile data from lay or lawyer magistrates. [13]Excludes data from lay or lawyer magistrates. [14]Compiled from 3,002 of the possible 3,048 reports. [15]Excludes mental health or juvenile data. [16]Juvenile cases were included in with the civil and criminal figures and could not be separated for inclusion in this table. [17]Excludes cases filed before 1974.

Source: National Center for State Courts, Williamsburg, Va., *State Court Caseload Statistics, 1977 Annual report.*

No. 339. Juveniles Held in Custody—Public and Private Juvenile Residents and Facilities: 1974 to 1977

[1974 and 1975 as of June 30; 1977 as of Dec. 31, except as noted]

Characteristic	Unit	Public custody			Private custody		
		1974	1975	1977	1974	1975	1977
Number of residents [1]	Number	47,268	49,126	45,920	31,749	27,450	29,377
Juvenile	Number	44,922	46,980	[2] 44,096	31,749	27,290	[2] 29,070
Male	Number	34,783	37,926	36,921	22,104	19,152	20,387
Female	Number	10,139	9,054	7,175	9,645	8,138	8,683
White	Number	(NA)	(NA)	27,963	(NA)	(NA)	21,917
Black	Number	(NA)	(NA)	14,865	(NA)	(NA)	6,005
Average age [3]	Year	(NA)	(NA)	15.3	(NA)	(NA)	14.9
Male	Year	15.3	15.3	15.4	(NA)	15.3	14.9
Female	Year	14.9	15.0	15.1	(NA)	15.4	15.0
Number of admissions (all residents) [4]	Number	647,175	641,189	614,385	53,661	56,708	67,045
Number of departures (all residents) [4]	Number	640,408	632,983	622,151	47,471	50,986	61,571
Average daily residents [5]	Number	46,753	48,794	48,032	31,384	26,740	29,611
Facilities, total	Number	829	874	992	1,337	1,277	1,600
Short-term	Number	371	387	448	76	66	126
Long-term	Number	458	487	544	1,261	1,211	1,474
Occupancy less than 70 percent	Percent	42	36	32	21	21	20
70–100 percent	Percent	46	51	59	72	79	78
More than 100 percent	Percent	12	13	9	7		2
Personnel, total	Number	46,276	52,534	61,060	[5] 28,612	[5] 27,651	[5] 30,918
Full-time	Number	39,391	41,156	43,322	20,600	(NA)	22,211
Juveniles per full-time staff member	Number	1.1	1.1	1.0	1.5	(NA)	1.3
Expenditures	Mil. dol	508.6	594.1	707.7	294.0	273.6	384.3
Capital	Mil. dol	24.5	34.5	29.4	25.9	19.2	21.0
Operating	Mil. dol	484.1	559.6	678.4	268.1	254.5	363.3
Per capita operating cost [6]	$1,000	10.4	11.5	14.1	8.5	9.5	12.3

NA Not available. [1] Includes adults. [2] Includes races not reported and races not shown. [3] Based on juvenile residents only. [4] Juvenile and adult. [5] Includes community volunteers. [6] Based on average daily residents.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: Advance Report on the 1977 Census of Public Juvenile Facilities;* and *Children in Custody: Advance Report on the 1977 Census of Private Juvenile Facilities.*

No. 340. Children's Cases Disposed of by Juvenile Courts: 1960 to 1978

[For definition of delinquency cases, see text, p. 181. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970,* series H 1119–1124]

Item	1960	1965	1970	1974	1975	1976	1977	1978
Population 10–17 years old [1] (1,000)	25,368	29,536	32,614	33,365	33,045	30,836	30,154	29,423
Delinquency cases excluding traffic [2] (1,000)	510	697	1,052	1,252	1,317	1,432	1,389	1,359
Per 1,000 population 10–17 years old	20.1	23.6	32.3	37.5	39.9	46.4	46.1	46.2
Male (1,000)	415	555	800	927	1,002	1,093	1,063	1,055
Female (1,000)	99	142	252	326	315	339	326	304
Percent of total cases	19.3	20.4	24.0	26.0	23.9	23.7	23.5	22.4
Population under 18 years old [1] (1,000)	64,516	69,699	69,669	67,241	66,251	64,080	63,097	62,186
Dependency and neglect cases [2] (1,000)	131	157	133	151	143	151	158	158
Per 1,000 population under 18 years old	2.0	2.3	1.9	2.2	2.2	2.4	2.5	2.5

[1] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960 and 1970, as of April 1. Beginning 1976, includes number of children from age 10 to the upper age of jurisdiction for each State.

[2] Delinquency cases based on data from a national sample of juvenile courts. Since 1970, based on all courts reporting, whose jurisdiction includes about two-thirds of the Nation's population; dependency and neglect cases based on reports from courts serving about one-half of the child population under 18 years of age.

Source: 1960–1973, U.S. Office of Human Development Services and U.S. Office of Youth Development, *Juvenile Court Statistics,* annual; beginning 1974, National Center for Juvenile Justice, Pittsburgh, Pa.; unpublished data.

No. 341. Federal and State Prisons and Parole Population: 1974 to 1978

Item	1974	1975	1976	1977	1978
Prison population	218,500	240,600	262,800	292,352	294,600
Parole population	155,100	158,600	160,900	186,100	185,100
Entries to parole	(NA)	(NA)	87,500	82,705	99,600
Removals from parole	(NA)	(NA)	85,100	60,593	100,600

NA Not available.

Source: U.S. Law Enforcement Assistance Administration, *Parole in the United States,* annual.

NO. 342. FEDERAL AND STATE PRISONERS: 1950 TO 1978

[Prior to **1970,** excludes State institutions in Alaska and prior to **1960,** those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1977. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970,* series H 1135-1140]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate [1]	Number	Rate [1]	Number	Rate [1]	Number	Rate [1]	Number	Rate [1]	Number	Rate [1]
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1955	185,780	113.4	20,088	12.3	165,692	101.1	78,414	47.9	15,286	9.3	63,128	38.5
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1976	262,833	122.9	26,980	12.6	235,853	110.3	129,482	60.5	17,437	8.2	112,045	52.4
1977 [2]	285,456	132.4	28,650	13.3	256,806	119.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1978	294,396	135.4	26,391	12.1	268,005	123.2	126,121	58.0	13,247	6.1	112,874	51.9

NA Not available. [1] Rate per 100,000 estimated population. [2] Beginning 1977, not strictly comparable with earlier years; see headnote.

Source: U.S. Law Enforcement Assistance Administration, *1950-1970, National Prisoner Statistics,* Bulletin No. 47. Beginning 1975, *Prisoners in State and Federal Institutions on December 31,* annual.

NO. 343. STATE PRISONS—SELECTED CHARACTERISTICS, BY TYPE OF INSTITUTION: 1974

[Based on data compiled in January 1974 by U.S. Bureau of the Census. Facility must have been an administratively separate institution and defined as a State correctional facility for adults or youthful offenders or a non-State-operated facility where majority of residents were State inmates. Excludes Massachusetts]

CHARACTERISTIC	All institutions [1]	Closed prisons	Prison camps [2]
Inmates, number (1,000)	188.0	118.7	34.3
Institutions, total	**592**	**172**	**162**
Year of initial construction:			
Before 1899 and unknown	75	48	4
1899-1923	61	25	8
1924-1948	186	47	46
1949-1969	237	44	98
1970-1973	33	8	6
Institutions with—			
Group counseling	487	153	117
Individual counseling	540	167	131
Remedial education	526	170	137
Vocational training	477	163	112
Alcoholic treatment	489	152	112
Drug treatment	436	145	96
Institutions with—Con.			
Sick bay	358	159	83
Library	481	167	131
Athletic field	450	158	141
Full-time staff:			
Less than 20	250	7	87
20-99	136	41	42
100-299	86	50	19
300 or more	67	56	2
Unknown	53	18	12
Annual operating expenditures—			
Less than $200,000	172	8	54
$200,000-$1 million	202	37	82
$1 million-$3 million	81	41	16
$3 million or more	92	75	6
Unknown	45	11	4

[1] Includes types of institutions not shown separately. [2] Includes prison farms, road camps, and forest camps.

Source: U.S. Law Enforcement Assistance Administration, *Census of State Correctional Facilities, 1974, Advance Report.*

NO. 344. JAILS—SUMMARY: 1978

[As of **February.** Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., Hawaii, R.I., and Vt.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	United States	Northeast	North Central	South	West
Jails	**3,493**	**207**	**1,042**	**1,678**	**566**
With less than 50 inmates	2,844	109	933	1,380	422
With 50-249 inmates	519	75	89	249	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of overcrowding	683	42	151	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270
Number of employees, full- and part-time	70,517	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978;* and unpublished data.

NO. 345. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 344]

CHARACTERISTIC	Total[1]	White	Black	CHARACTERISTIC	Total[1]	White	Black
Total inmates [2]	**158,394**	**89,418**	**65,104**	Type of offense:			
				Violent	46,944	20,163	25,546
Male	148,839	84,752	60,474	Property	65,455	38,496	25,670
Female	9,555	4,666	4,630	Drug	13,586	8,680	4,726
				Public order	30,088	20,597	8,363
Under 30 years	110,166	60,581	46,788				
Percent of total	69.6	67.8	71.9	Legal representation:			
30 years and over	48,228	28,836	18,316	With counsel	51,572	27,318	23,345
Median age (yr.)	25.3	25.0	25.6	Own lawyer	9,125	5,202	3,836
				Provided with lawyer	42,183	22,026	19,335
Educational attainment:				Without counsel	14,443	8,879	5,052
Less than 12 years	96,265	53,084	40,923	Percent of total	9.1	9.9	7.8
Percent of total	60.8	59.4	62.9				
2 years or more	61,943	36,163	24,165	Detention status:			
Median	10.2	10.2	10.2	Unconvicted inmates	66,936	36,677	28,799
				Bail status:			
Prearrest employment status:				Set	54,304	29,305	23,861
Employed	89,526	51,193	36,195	Not set	11,607	6,848	4,441
Percent of total	56.5	57.3	55.6				
Not employed	68,101	37,858	28,555	Convicted inmates	91,411	52,698	36,300
				Percent of total	57.7	58.9	55.8
With prearrest income	147,736	83,622	60,592	Method of conviction:			
Under $3,000	61,594	32,216	27,994	Pleaded guilty	70,045	42,538	25,682
Percent of total	38.9	36.0	43.0	Original charge changed	26,952	17,527	8,811
$3,000 to $9,999	56,802	33,412	22,137	Original charge retained	41,899	24,164	16,658
$10,000 and over	21,393	14,376	6,364	Judged guilty	20,075	9,668	9,916
Median income (dollars)	3,714	4,814	2,986				
Without prearrest income	10,659	5,796	4,512				
Military service:							
Served	39,861	26,696	12,120				
Never served	118,486	62,716	52,942				

[1] Includes races other than White and Black.
[2] Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*, and unpublished data.

NO. 346. FEDERAL PRISONERS UNDER SENTENCE, BY OFFENSE AND RACE: 1979

[These data pertain only to the Federal offender population housed in Federal institutions during or on the last day of the **fiscal year** ending **Sept. 30.** Represents more than 85 percent of the sentenced Federal prisoner population]

OFFENSE	Total	WHITE		OTHER RACES		OFFENSE	Total	WHITE		OTHER RACES	
		Number	Average sentence (mo.)	Number	Average sentence (mo.)			Number	Average sentence (mo.)	Number	Average sentence (mo.)
Total [1]	**20,435**	**12,248**	**100.5**	**8,187**	**132.3**	Securities violations [2]	240	166	79.8	74	72.2
						Counterfeiting	316	240	69.2	76	51.8
Drug laws	5,215	3,666	82.8	1,549	102.7	Fraud	605	446	52.4	159	40.3
Robbery	4,500	2,107	177.5	2,393	173.3	Kidnaping	436	301	355.7	135	413.6
Larceny/theft	2,578	1,495	58.5	1,083	48.7						
						Juvenile delinquency	10	5	25.6	5	67.4
Firearms	887	603	59.4	284	52.3	Burglary	122	80	94.1	42	82.2
Immigration	1,160	1,138	14.1	22	19.3	Government [3]	1,911	441	281.3	1,470	202.3
Forgery	726	305	51.6	421	51.0						

[1] Includes offenses not shown separately.
[2] Transporting false or forged securities.
[3] Includes offenses committed on government reservations, the high seas, territories, and the District of Columbia.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

No. 347. Federal and State Prisons—Prisoners, by States: 1960 to 1979

[For years ending Dec. 31; represent inmates sentenced to maximum term of more than a year. See source regarding comparability of data]

STATE	1960	1965	1970	1975	1976	1977[1]	1978	1979			
								Total	Rate[2]	Male	Female
U.S.	**212,953**	**210,895**	**196,429**	**240,593**	**262,833**	**285,456**	**294,396**	**301,017**	**136**	**289,081**	**11,936**
Federal[3]	**23,218**	**21,040**	**20,038**	**24,131**	**26,980**	**28,650**	**26,391**	**22,588**	**10**	**21,262**	**1,326**
State	**189,735**	**189,855**	**176,391**	**216,462**	**235,853**	**256,806**	**268,005**	**278,429**	**126**	**267,819**	**10,610**
Male	205,253	203,327	190,794	(NA)	252,794	274,244	282,813	289,081	270	289,081	(X)
Female	7,700	7,568	5,635	(NA)	10,039	11,212	11,583	11,936	11	(X)	11,936
New Eng	**4,871**	**5,044**	**4,543**	**5,636**	**6,201**	**6,306**	**6,383**	**6,848**	**58**	**6,700**	**148**
Maine	750	695	516	643	610	626	577	641	58	628	13
N.H	180	205	244	250	248	261	283	316	35	311	5
Vt	269	263	162	244	279	384	351	311	62	302	9
Mass	1,920	1,929	2,053	2,242	2,651	2,731	2,785	2,877	50	2,830	47
R.I	255	310	(NA)	408	490	528	524	564	63	554	10
Conn	1,497	1,642	1,568	1,849	1,923	1,776	1,863	2,139	69	2,075	64
Middle Atl	**29,293**	**29,459**	**24,052**	**27,735**	**29,979**	**32,214**	**33,603**	**34,489**	**94**	**33,442**	**1,047**
N.Y	17,207	17,504	12,059	16,071	17,705	19,367	20,459	21,158	120	20,551	607
N.J	4,284	4,839	5,704	5,682	5,618	5,386	5,422	5,539	76	5,351	188
Pa	7,802	7,116	6,289	5,982	6,656	7,461	7,722	7,792	67	7,540	252
E. No. Cent	**37,938**	**34,338**	**31,755**	**37,023**	**42,231**	**45,692**	**46,644**	**47,853**	**116**	**46,062**	**1,791**
Ohio	11,111	11,374	9,185	11,421	12,525	12,846	13,107	13,360	125	12,762	598
Ind	5,429	4,486	4,137	3,897	4,203	4,250	4,396	5,270	98	5,096	174
Ill	9,064	8,306	6,381	7,861	9,739	11,425	10,765	10,787	95	10,533	254
Mich	9,550	7,342	9,079	10,852	12,465	13,824	14,944	15,002	163	14,374	628
Wis	2,784	2,830	2,973	2,992	3,299	3,347	3,432	3,434	73	3,297	137
W. No. Cent	**12,317**	**12,188**	**10,186**	**11,289**	**12,534**	**13,442**	**13,776**	**13,845**	**81**	**13,328**	**517**
Minn	2,059	1,772	1,585	1,685	1,624	1,883	1,954	2,094	51	2,017	77
Iowa	2,204	2,178	1,747	1,786	1,891	2,065	1,961	2,088	72	2,006	82
Mo	3,698	3,517	3,413	4,371	4,997	5,302	5,637	5,555	113	5,352	203
N. Dak	248	208	147	173	162	163	138	136	19	134	2
S. Dak	526	571	391	338	478	500	505	539	77	517	22
Nebr	1,269	1,151	1,001	1,251	1,304	1,283	1,242	1,143	71	1,094	49
Kans	2,313	2,791	1,902	1,685	2,078	2,246	2,339	2,290	95	2,208	82
So. Atl	**37,808**	**34,729**	**35,786**	**58,946**	**65,008**	**70,152**	**72,094**	**73,022**	**209**	**70,300**	**2,722**
Del	226	315	596	582	684	820	1,005	1,088	181	1,050	38
Md	5,316	5,467	5,186	6,965	7,912	8,148	7,966	7,860	187	7,638	222
D.C	1,958	1,604	1,423	2,302	2,283	2,237	2,530	2,599	433	2,548	51
Va	5,775	4,553	4,648	5,497	6,030	7,143	7,882	8,200	156	7,933	267
W. Va	2,407	1,477	938	1,271	1,278	1,206	1,237	1,251	66	1,218	33
N.C	5,977	6,029	5,969	10,993	11,570	12,630	12,268	13,459	240	12,967	492
S.C	2,080	2,323	2,726	5,600	6,433	6,738	7,130	7,115	237	6,834	281
Ga	6,985	5,966	5,113	10,421	11,025	11,597	10,833	11,658	224	11,127	531
Fla	7,084	6,995	9,187	15,315	17,793	19,433	21,243	19,792	220	18,985	807
E. So. Cent	**14,081**	**12,422**	**11,637**	**14,649**	**13,442**	**17,270**	**17,387**	**19,038**	**135**	**18,233**	**805**
Ky	3,603	2,813	2,849	3,246	3,657	3,661	3,390	3,691	105	3,550	141
Tenn	3,134	3,213	3,268	4,561	4,817	5,480	5,835	6,629	151	6,346	283
Ala	5,369	4,377	3,790	4,420	3,032	5,545	5,529	5,343	141	5,091	252
Miss	1,975	2,019	1,730	2,422	1,936	2,584	2,633	3,375	141	3,246	129
W. So. Cent	**19,752**	**21,497**	**22,167**	**28,990**	**31,580**	**35,706**	**38,630**	**41,291**	**184**	**39,602**	**1,689**
Ark	2,016	1,970	(NA)	2,162	2,431	2,462	2,578	2,901	132	2,792	109
La	3,749	3,844	4,196	4,758	4,696	6,731	7,291	7,618	190	7,382	236
Okla	2,679	2,829	3,640	3,133	3,736	4,074	4,186	4,250	147	4,073	177
Tex	11,308	12,854	14,331	18,937	20,717	22,439	24,575	26,522	196	25,355	1,167
Mt	**7,292**	**8,188**	**6,351**	**8,506**	**9,591**	**10,689**	**11,602**	**12,048**	**113**	**11,559**	**489**
Mont	602	586	260	429	551	559	680	765	96	736	29
Idaho	549	481	411	580	692	774	802	830	92	796	34
Wyo	338	336	231	307	340	400	433	477	95	447	30
Colo	2,078	2,766	2,066	2,039	2,239	2,324	2,474	2,518	90	2,452	66
N. Mex	1,243	1,002	742	999	1,220	1,448	1,505	1,457	112	1,406	51
Ariz	1,516	1,694	1,460	2,647	2,850	3,229	3,450	3,478	139	3,323	155
Utah	553	701	491	657	748	806	908	957	68	924	33
Nev	413	622	690	848	961	1,149	1,350	1,566	224	1,475	91
Pac	**26,383**	**31,990**	**29,925**	**23,688**	**25,287**	**25,335**	**27,886**	**29,995**	**98**	**28,593**	**1,402**
Wash	2,455	3,202	2,864	3,369	3,771	4,160	4,487	4,512	113	4,297	215
Oreg	1,710	2,000	1,800	2,480	2,821	2,907	2,873	3,171	122	3,052	119
Calif	21,660	26,325	25,033	17,296	18,113	17,338	19,550	21,260	93	20,233	1,027
Alaska	(NA)	(NA)	(NA)	207	255	532	490	532	133	511	21
Hawaii	558	463	228	336	327	398	486	520	58	500	20

X Not applicable. [1] See headnote, table 342. [2] Rate per 100,000 population of States as of July 1. [3] Not included in State figures.

Source: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31*, annual.

NO. 348. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1979

[For years ending **June 30.** In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES [1]			PAROLE [1]			EXPIRATION OF SENTENCE [1]			YCA [2] RELEASES	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses [3]	**10,925**	**44.1**	**21.0**	**3,766**	**85.1**	**32.6**	**7,159**	**22.4**	**14.9**	**1,008**	**25.3**
Counterfeiting	190	45.2	22.1	84	67.3	28.6	106	27.7	16.9	17	21.1
Drug laws	2,498	54.1	26.1	1,167	78.5	32.0	1,331	32.7	21.0	208	23.6
Embezzlement	178	20.5	10.9	55	40.8	17.1	123	11.4	8.1	13	16.3
Escape, flight, or harboring a fugitive	137	31.5	20.2	42	44.1	23.0	95	26.0	18.9	6	32.8
Firearms	707	34.0	20.0	180	56.9	25.7	527	26.1	18.0	75	23.0
Forgery	520	31.8	18.5	190	45.5	21.0	330	23.9	17.0	56	19.9
Fraud	531	23.4	12.6	172	41.2	17.1	359	14.8	10.5	20	15.0
Immigration	2,201	7.3	5.0	112	38.6	15.4	2,089	5.6	4.4	14	14.2
Income tax	135	18.7	9.9	37	40.9	16.2	98	10.3	7.5	1	24.0
Juvenile delinquency	13	43.5	29.1	5	57.6	36.0	8	34.7	24.8	-	-
Kidnaping	44	228.8	70.0	38	254.2	75.2	6	68.0	37.0	8	47.3
Larceny-theft	1,645	37.2	20.7	547	55.6	24.3	1,098	28.0	19.0	204	23.0
Motor vehicle, interstate	474	45.2	25.5	151	60.1	26.2	323	38.2	25.2	69	26.3
Liquor laws	18	21.2	10.1	6	44.3	15.8	12	9.6	7.2	-	-
Robbery	895	140.6	50.9	671	162.1	53.5	224	76.2	42.8	198	29.8
Securities, transporting false	206	54.5	27.3	108	72.9	31.4	98	34.1	22.8	17	26.7
White slave traffic	14	56.4	25.1	5	55.2	26.8	9	57.1	24.2	4	25.5
Military court-martial cases	7	103.2	49.4	2	156.0	64.5	5	82.2	43.4	-	-
Govt. reservation, high seas, territories, and D.C	296	73.7	32.1	107	134.6	46.1	189	39.2	24.3	107	30.2

- Represents zero. [1] Excludes prisoners sentenced under Youth Corrections Act. [2] Youth Corrections Act. [3] Includes other offenses not shown separately. Excludes 841 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 321 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report,* annual.

NO. 349. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1979

[As of **December 31.** Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison]

CHARACTERISTIC	1975	1976	1977	1978	1979	CHARACTERISTIC	1975	1976	1977	1978	1979
Total	**479**	**444**	**443**	**445**	**567**	Marital status:					
						Never married	217	206	192	187	208
White	214	243	244	261	344	Married	167	146	143	136	190
Black and other	265	201	199	184	223	Divorced [1]	95	92	108	122	169
Under 20 years	43	20	16	22	11	Time elapsed since sentencing:					
20-24 years	139	133	135	113	145	6 months or less	166	85	123	162	158
25-34 years	204	206	199	210	276	7-12 months	130	99			
35-54 years	83	79	88	97	128	1-3 years	155	256	314	237	309
55 years and over	10	6	5	3	7	4-8 years	13	4	6	46	100
						More than 8 years	15	-	-	-	-
Completed school:											
7 years or less	71	49	49	55	55						
8 years	50	47	46	46	55	Legal status at arrest:					
9-11 years	167	145	137	158	187	Not under sentence	293	274	253	277	324
12 years	93	95	88	99	121	Parole or probation	51	50	60	60	88
More than 12 years	21	26	25	28	39	Prison or escaped	27	22	20	35	38
Unknown	77	82	98	59	110	Unknown	108	98	110	73	117

- Represents zero. [1] Includes persons married but separated, widows, widowers, and unknown.

Source: 1975 to 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment,* annual.

NO. 350. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1978

[*Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court* pronounces the first sentence of death for a capital offense. *As a result of a major* procedural change regarding dispositions, the number of dispositions other than execution and the number of persons under sentence of death in **1976** and subsequent years are not strictly comparable to corresponding data for earlier years. See source for explanation. For definition of median, see Guide to Tabular *Presentation*]

STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	
									Total	Murder [1]
Under sentence of death, Jan	575	631	642	334	134	242	486	418	417	414
Received death sentence [2]	133	113	83	42	165	322	249	155	197	196
White	66	54	32	15	77	145	144	81	118	117
Black	66	57	51	26	83	174	105	72	78	78
Dispositions other than executions	77	102	391	242	57	78	317	155	150	149
Executions	-	-	-	-	-	-	-	1	-	-
Under sentence of death, Dec. 31 [2]	631	642	334	134	242	486	418	417	464	462
White	293	306	167	64	109	217	224	227	274	274
Black	335	332	166	68	127	261	194	188	187	185

- Represents zero. [1] Prisoners found guilty of murder or of murder and other crime(s).
[2] Includes *persons* other than White or Black.

NO. 351. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1979

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between **1942** and **1950,** 3 each in **1954, 1955,** and **1957,** and 1 each in **1958, 1959,** and **1961**). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970,* series H 1155-1167]

YEAR OR PERIOD	Total [1]	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES [2]		
				Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
All years	3,862	1,754	2,066	3,337	1,667	1,630	455	48	405	70	39	31
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	*1,284*	490	781	1,064	456	595	200	19	179	20	13	7
1950-1959	717	336	375	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1979 [3]	3	3	-	3	3	-	-	-	-	-	-	-

- Represents zero. [1] Includes races other than White or Black. [2] 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. [3] See footnote 1, table 352.

NO. 352. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1979

[*No executions took place in Alaska, Hawaii, Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and* Wisconsin from 1940 to 1979. At no time during this period was the death penalty *authorized in Alaska, Hawaii, Maine,* Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was *authorized during most* of the period. At no time since the beginning of statehood in 1959 have Alaska or Hawaii authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1979 [1]
Total [2]	1,284	717	191	-	3	Iowa	7	1	2	-	-	Ohio	51	32	7	-	-
						Kans	5	5	5	-	-	Okla	13	7	6	-	-
Ala	*50*	20	5	-	-	Ky	34	16	1	-	-	Oreg	12	4	1	-	-
Ariz	9	8	4	-	-	La	47	27	1	-	-	Pa	36	31	3	-	-
Ark	38	18	9	-	-												
Calif	80	74	30	-	-	Md	45	6	1	-	-	S.C	61	26	8	-	-
						Mass	9	-	-	-	-	S.Dak	1	-	-	-	-
Colo	13	3	6	-	-	Miss	60	36	10	-	-	Tenn	37	8	1	-	-
Conn	10	5	1	-	-	Mo	15	7	4	-	-	Tex	74	74	29	-	-
Del	4	-	-	-	-	Mont	1	-	-	-	-	Utah	4	6	1	-	1
D.C	16	4	-	-	-	Nebr	2	2	-	-	-	Vt	1	2	-	-	-
Fla	*65*	*49*	*12*	-	1	Nev	10	9	2	-	1	Va	35	23	6	-	-
Ga	130	85	14	-	-	N.J	14	17	3	-	-	Wash	16	6	2	-	-
Idaho	-	3	-	-	-	N.Mex	2	3	1	-	-	W.Va	11	9	-	-	-
Ill	18	9	2	-	-	N.Y	114	52	10	-	-	Wyo	2	-	1	-	-
Ind	7	2	1	-	-	N.C	112	19	1	-	-						

- *Represents zero.* [1] *One execution* in 1977, none in 1978, and two in 1979. [2] Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 350-352: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of *Justice Statistics, National Prisoner Statistics: Capital Punishment,* annual.

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Section 7

Geography and Environment

This section presents data on land and water areas, physical geography, and climate of the United States. Statistics on the quality of air and water, on environmental pollutants, and on expenditures for pollution abatement and control are also shown.

There are few publications other than those showing area measurements (issued irregularly by the Bureau of the Census) which present area and geography statistics of a national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey, National Oceanic and Atmospheric Administration (NOAA), and the Soil Conservation Service. Data on air and water quality and on types and sources of pollutants are compiled by various agencies under the general direction of the U.S. Council on Environmental Quality (CEQ); for details, see the annual report of CEQ, *Environmental Quality,* and *Environmental Statistics, 1978.*

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940,* in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. In the 1950 and 1960 census reports, adjustments in selected area figures were made because changes in boundaries, development of water reservoirs, or improvements in the maps from which measurements are made had taken place. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports, Series GE-20.* The series consists of one report for each State and a U.S. summary. These reports include the same kinds of data as the 1940 report. Land areas of places with populations of 2,500 and over as of 1970 are shown in *Census of Population, 1970,* vol. 1, chapter A; data for counties are shown in the separate State reports.

Geography.—The Geological Survey, cooperating with State and local agencies, is responsible for topographic, geologic, and hydrologic maps; basic data on the quantity, quality, and movement of surface and ground water; and classification of Federal lands for mineral and waterpower potential. Data on water usage are published every five years in *Estimated Use of Water in the United States* (the most recent for 1975).

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1977. The results, published in the *National Inventory of Land Resources, 1977,* cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as unincorporated places, the urbanized areas around large cities, county subdivisions, and census tracts.

Environment.—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environ-

ment, and for reviewing Federal programs affecting the environment. It reports on its activities in its annual publication, *Environmental Quality.* The principal Federal agency responsible for research and enforcement activities related to pollution abatement and control is the Environmental Protection Agency (EPA). It is also responsible for establishing and monitoring national air quality standards.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. Non-Federal sampling stations for suspended particulates increased from approximately 800 in 1969 to about 4,000 in 1978. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970-78.*

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. OMB collects and publishes figures annually on Federal funds spent for pollution abatement and control in *The Budget of the United States Government.* BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business.* The U.S. Bureau of the Census collects data on State and local government and industry expenditures for water and air quality control. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances.* Industry data are reported periodically in *Current Industrial Reports.* CEQ publishes data in *Environmental Quality.*

Climate.—NOAA, through the National Weather Service and the Environmental Data Service, is responsible for data on climate. NOAA maintains about 11,500 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported on monthly, with an annual summary, in *Climatological Data: National Summary* and *Local Climatological Data.*

Nearly all weather stations have been moved several times in their history. Consequently, NOAA uses "normal" values of temperature and precipitation for comparative purposes rather than the daily, monthly, and yearly averages which have been derived from records accumulated at the different locations the stations may have had over the years. "Normal" values are obtained by adding the high and low values for a specified period and dividing by 2.

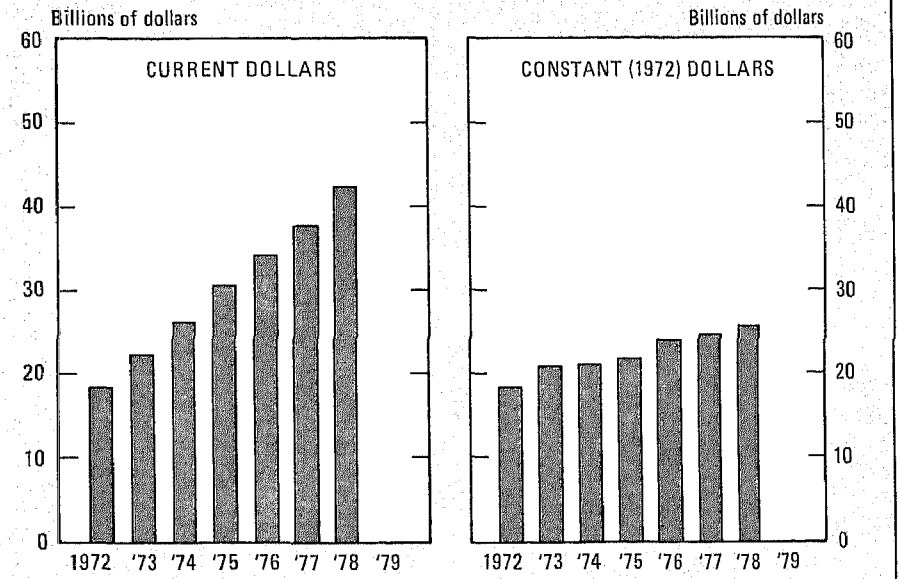
The base period for the normal values of temperature and precipitation is the 30-year period, 1941 through 1970. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the arithmetic averages of the monthly values for the 30 years. The annual normal temperature is obtained by dividing the sum of the monthly normals by 12.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1941 through 1970, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison with other nearby stations that have a continuous record for the 30-year period to obtain the resultant adjustment factors. Normals were thereafter obtained by the method described above.

The heating degree-day normals are derived from the monthly mean temperatures, and computed to base 65° F. The heating degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degree differences in the temperature between the average temperature for the day and 65° F."

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

Figure 7.1
National Expenditures for Pollution Abatement and Control In Current and Constant (1972) Dollars: 1972 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 363.

No. 353. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1970*, series J 1--2]

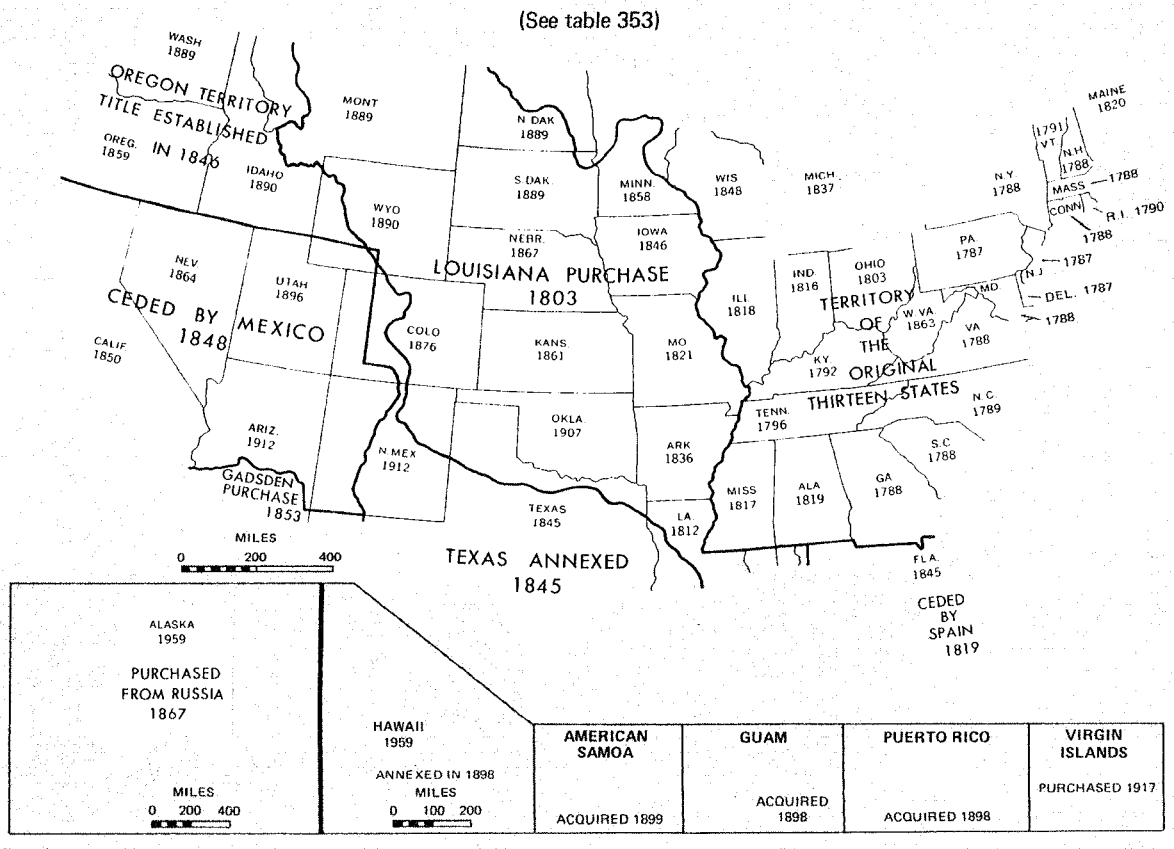
ACCESSION	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total [1]	**1970**	**3,630,854**	**9,403,912**	Other:			
United States [1]	(x)	3,618,467	9,371,829	Puerto Rico	[4] 1898	3,435	8,897
Territory in 1790 [2]	(x)	888,685	2,301,694	Guam	[5] 1898	212	549
Louisiana Purchase	1803	827,192	2,142,427	American Samoa	[6] 1899	76	197
By treaty with Spain:				Virgin Islands of the U.S	1917	133	344
Florida	1819	58,560	151,670	Trust Territory of the Pacific Islands [7]	1947	8,489	21,987
Other areas [3]	1819	13,443	34,817	All other [8]	(x)	42	109
Texas	1845	390,143	1,010,470				
Oregon	*1846*	*285,580*	*739,652*				
Mexican Cession	1848	529,017	1,370,154	The Philippines [9]	1898	115,600	299,404
Gadsden Purchase	1853	29,640	76,768	Canal Zone [10]	1904	553	1,432
Alaska [1]	1867	589,757	1,527,470	Corn Islands [11]	1914	4	10
Hawaii	1898	6,450	16,706				

X Not applicable. [1] Area figure for Alaska corrected after 1970 Census of Population final reports were issued. [2] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. [3] Includes parts of Alabama, Mississippi and Louisiana. [4] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [5] Acquired 1898; ratified 1899. [6] Acquired 1899; ratified 1900. [7] Under trusteeship. See table 7, footnotes 10 and 13. [8] Comprises following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1) which were returned to Honduras in 1972. Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available. [9] Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines. [10] Not included in total for 1970. [11] Not included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

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

Figure 7.2 **Territorial Expansion of the United States and Acquisitions of other Principal Areas**

(See table 353)



NO. 354. AREA OF STATES AND OTHER AREAS: 1970

[1 sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970,* series A 210–263, for land area]

STATE OR OTHER AREA	Year admitted to statehood	TOTAL AREA			LAND AREA [1]		WATER AREA [2]	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States [3]	(x)	(x)	**3,618,467**	**9,371,829**	**3,540,023**	**9,168,659**	**78,444**	**203,170**
New England	(x)	(x)	**66,608**	**172,515**	**62,951**	**163,043**	**3,657**	**9,472**
Maine	1820	39	33,215	86,027	30,920	80,083	2,295	5,944
New Hampshire	[4] 1788	44	9,304	24,097	9,027	23,380	277	717
Vermont	1791	43	9,609	24,887	9,267	24,002	342	886
Massachusetts	[4] 1788	45	8,257	21,386	7,826	20,269	431	1,116
Rhode Island	[4] 1790	50	1,214	3,144	1,049	2,717	165	427
Connecticut	[4] 1788	48	5,009	12,973	4,862	12,593	147	381
Middle Atlantic	(x)	(x)	**102,745**	**266,110**	**100,318**	**259,824**	**2,427**	**6,286**
New York	[4] 1788	30	49,576	128,402	47,831	123,882	1,745	4,520
New Jersey	[4] 1787	46	7,836	20,295	7,521	19,479	315	816
Pennsylvania	[4] 1787	33	45,333	117,412	44,966	116,462	367	951
East North Central	(x)	(x)	**248,283**	**643,053**	**244,101**	**632,222**	**4,182**	**10,831**
Ohio	1803	35	41,222	106,765	40,975	106,125	247	640
Indiana	1816	38	36,291	93,994	36,097	93,491	194	502
Illinois	1818	24	56,400	146,076	55,748	144,387	652	1,689
Michigan	1837	23	58,216	150,779	56,817	147,156	1,399	3,623
Wisconsin	1848	26	56,154	145,439	54,464	141,062	1,690	4,377
West North Central	(x)	(x)	**517,247**	**1,339,670**	**507,723**	**1,315,003**	**9,524**	**24,667**
Minnesota	1858	12	84,068	217,736	79,289	205,359	4,779	12,378
Iowa	1846	25	56,290	145,791	55,941	144,887	349	904
Missouri	1821	19	69,686	180,487	68,995	178,697	691	1,790
North Dakota	1889	17	70,665	183,022	69,273	179,417	1,392	3,605
South Dakota	1889	16	77,047	199,552	75,955	196,723	1,092	2,828
Nebraska	1867	15	77,227	200,018	76,483	198,091	744	1,927
Kansas	1861	14	82,264	213,064	81,787	211,828	477	1,235
South Atlantic	(x)	(x)	**278,776**	**722,030**	**266,970**	**691,452**	**11,806**	**30,578**
Delaware	[4] 1787	49	2,057	5,328	1,982	5,133	75	194
Maryland	[4] 1788	42	10,577	27,394	9,891	25,618	686	1,777
District of Columbia	(x)	(x)	67	174	61	158	6	16
Virginia	[4] 1788	36	40,817	105,716	39,780	103,030	1,037	2,686
West Virginia	1863	41	24,181	62,629	24,070	62,341	111	287
North Carolina	[4] 1789	28	52,586	136,198	48,798	126,387	3,788	9,811
South Carolina	[4] 1788	40	31,055	80,432	30,225	78,283	830	2,150
Georgia	[4] 1788	21	58,876	152,489	58,073	150,409	803	2,080
Florida	1845	22	58,560	151,670	54,090	140,093	4,470	11,577
East South Central	(x)	(x)	**181,964**	**471,287**	**178,982**	**463,563**	**2,982**	**7,723**
Kentucky	1792	37	40,395	104,623	39,650	102,694	745	1,930
Tennessee	1796	34	42,244	109,412	41,328	107,040	916	2,372
Alabama	1819	29	51,609	133,667	50,708	131,334	901	2,334
Mississippi	1817	32	47,716	123,584	47,296	122,497	420	1,088
West South Central	(x)	(x)	**438,884**	**1,136,710**	**427,791**	**1,107,979**	**11,093**	**28,731**
Arkansas	1836	27	53,104	137,539	51,945	134,538	1,159	3,002
Louisiana	1812	31	48,523	125,675	44,930	116,369	3,593	9,306
Oklahoma	1907	18	69,919	181,090	68,782	178,145	1,137	2,945
Texas	1845	2	267,338	692,405	262,134	678,927	5,204	13,478
Mountain	(x)	(x)	**863,887**	**2,237,467**	**856,047**	**2,217,162**	**7,840**	**20,306**
Montana	1889	4	147,138	381,087	145,587	377,070	1,551	4,017
Idaho	1890	13	83,557	216,413	82,677	214,133	880	2,279
Wyoming	1890	9	97,914	253,597	97,203	251,756	711	1,841
Colorado	1876	8	104,247	270,000	103,766	268,754	481	1,246
New Mexico	1912	5	121,666	315,115	121,412	314,457	254	658
Arizona	1912	6	113,909	295,024	113,417	293,750	492	1,274
Utah	1896	11	84,916	219,932	82,096	212,629	2,820	7,304
Nevada	1864	7	110,540	286,299	109,889	284,613	651	1,686
Pacific [3]	(x)	(x)	**920,073**	**2,382,989**	**895,140**	**2,318,413**	**24,933**	**64,576**
Washington	1889	20	68,192	176,617	66,570	172,416	1,622	4,201
Oregon	1859	10	96,981	251,181	96,184	249,117	797	2,064
California	1850	3	158,693	411,015	156,361	404,975	2,332	6,040
Alaska [5]	1959	1	589,757	1,527,470	569,600	1,475,264	20,157	52,206
Hawaii	1959	47	6,450	16,706	6,425	16,641	25	65
Other areas:								
Puerto Rico	(x)	(x)	3,435	8,897	3,421	8,860	14	36
American Samoa	(x)	(x)	76	197	76	197	-	-
Canal Zone [6]	(x)	(x)	553	1,432	362	938	191	495
Guam	(x)	(x)	212	549	209	541	3	8
Trust Territory of Pacific Is. [6]	(x)	(x)	8,489	21,987	717	1,857	7,772	20,129
Virgin Islands of U.S.	(x)	(x)	133	344	132	342	1	3

- Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Figures for Alaska corrected after 1970 Census of Population final reports were issued. [4] Year of ratification of Constitution; one of the original 13 States. [5] See table 3, footnote 8. [6] See table 3, footnotes 9 and 12.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and *Area Measurement Reports,* series GE-20, No. 1.

No. 355. Coastline of the United States, by States

[One mile = 1.609 kilometers]

STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]		STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]	
	Statute miles	Kilometers	Statute miles	Kilometers		Statute miles	Kilometers	Statute miles	Kilometers
U.S.	**12,383**	**19,924**	**88,633**	**142,610**	**Gulf coast**	**1,631**	**2,624**	**17,141**	**27,580**
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**	Alabama	53	85	607	977
Connecticut	–	–	618	994	Florida	770	1,239	5,095	8,198
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	3,771	Texas	367	591	3,359	5,405
Maine	228	367	3,478	5,596					
Maryland	31	50	3,190	5,133	**Pacific coast**	**7,623**	**12,265**	**40,298**	**64,839**
Massachusetts	192	309	1,519	2,444	Alaska	5,580	8,978	31,383	50,495
					California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211					
New Jersey	130	209	1,792	2,883	Hawaii	750	1,207	1,052	1,693
New York	127	204	1,850	2,977	Oregon	296	476	1,410	2,269
North Carolina	301	484	3,375	5,430	Washington	157	253	3,026	4,869
Pennsylvania	–	–	89	143					
Rhode Island	40	64	384	618	**Arctic coast, Alaska**	**1,060**	**1,706**	**2,521**	**4,056**
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

– Represents zero. [1] Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. [2] Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

No. 356. Water Area, Other Than Inland Water—States

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile=2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	**74,364**	**192,603**	Gulf of Mexico coastal water	3,837	9,938
			Alabama	560	1,450
Atlantic coastal water	2,298	5,952	Florida	1,698	4,398
Florida	37	96	Louisiana	1,016	2,631
Georgia	48	124	Mississippi	556	1,440
Maine	1,102	2,854	Texas	7	18
Massachusetts	959	2,484			
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
			Indiana	228	591
Chesapeake Bay	3,237	8,384	Michigan	13,037	33,766
Maryland	1,726	4,470	Wisconsin	7,387	19,132
Virginia	1,511	3,913			
			New York Harbor	92	238
Delaware Bay	665	1,722	New Jersey	69	179
Delaware	350	907	New York	23	60
New Jersey	315	816	Lake Ontario: New York	3,033	7,855
Lake Erie	5,002	12,955	Pacific coastal water	343	888
Michigan	216	559	California	69	179
New York	594	1,538	Oregon	48	124
Ohio	3,457	8,954	Washington	226	585
Pennsylvania	735	1,904			
			Puget Sound: Washington	561	1,453
Straits of Georgia and Juan de Fuca:			Lake St. Clair: Michigan	116	300
Washington	1,610	4,170			
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,299	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940.*

No. 357. Extreme and Mean Elevations—States and Other Areas

[One foot=.305 meter]

State or other area	Highest point			Lowest point			Approximate mean elevation	
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters	Feet	Meters
U.S	**Mt. McKinley (Alaska)**	**20,320**	**6,198**	**Death Valley (Calif.)**	**−282**	**−86**	**2,500**	**763**
Ala.	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
Alaska	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
Ariz.	Humhreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
Ark.	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
Calif.	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
Colo.	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
Conn.	Mt. Frissell, on South slope.	2,380	726	Long Island Sound	(1)	(1)	500	153
Del.	Ebright Road, New Castle Co.	442	135	Atlantic Ocean	(1)	(1)	60	18
D.C.	Tenleytown	410	125	Potomac River	1	(Z)	150	46
Fla.	Sec. 30, T6N, R20W, Walton County[2].	345	105	Atlantic Ocean	(1)	(1)	100	31
Ga.	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
Hawaii	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
Idaho	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
Ill.	Charles Mound	1,235	377	Mississippi River	279	85	600	183
Ind.	Franklin Twp., Wayne Co.	1,257	383	Ohio River	320	98	700	214
Iowa	Sec. 29, T100N, R41W, Osceola County[2].	1,670	509	Mississippi River	480	146	1,100	336
Kans.	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
Ky.	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
La.	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
Maine	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
Md.	Backbone Mountain near Kempton, W. Va.	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
Mass.	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
Mich.	Mount Curwood	1,980	604	Lake Erie	572	174	900	275
Minn.	Eagle Mountain, Cook Co.	2,301	702	Lake Superior	602	184	1,200	366
Miss.	Woodall Mountain, near Iuka.	806	246	Gulf of Mexico	(1)	(1)	300	92
Mo.	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
Mont.	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
Nebr.	Johnson Twp., Kimball Co., T12N, R59W[2].	5,426	1,655	Southeast corner of State.	840	256	2,600	793
Nev.	Boundary Peak	13,143	4,009	Colorado River	470	143	5,500	1,678
N.H.	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
N.J.	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
N. Mex.	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
N.Y.	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
N.C.	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
N. Dak.	White Butte, Slope Co.	3,506	1,069	Red River	750	229	1,900	580
Ohio	Campbell Hill	1,550	473	Ohio River	433	132	850	259
Okla.	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
Oreg.	Mount Hood	11,239	3,428	Pacific Ocean	(1)	(1)	3,300	1,007
Pa.	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
R.I.	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
S.C.	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
S. Dak.	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
Tenn.	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
Tex.	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(1)	(1)	1,700	519
Utah	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
Vt.	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
Va.	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
Wash.	Mount Ranier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
W. Va.	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
Wis.	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	320
Wyo.	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
P. Rico	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa.	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
C. Zone	Cerro Galera	1,205	368	Atlantic Ocean	(1)	(1)	280	85
Guam	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
Virgin Is.	Crown Mountain	1,556	475	Atlantic Ocean	(1)	(1)	750	229

Z Less than .5 meter. [1]Sea level. [2]"Sec." denotes section; "T," township; "R," range; "N," north; "W," west.

Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

No. 358. Lengths of Principal Rivers

[Comprises rivers 600 miles or more in length. *Length represents* distance to designated outflow from (*a*) original headwater of named river where name applies to entire length of channel, or (*b*) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile=1.609 kilometers]

River/outflow	Length		River/outflow	Length	
	Miles	Kilometers		Miles	Kilometers
Arkansas/Mississippi River	1,450	2,333	Missouri-Red Rock/Mississippi River	2,564	4,125
Brazos/Gulf of Mexico	1,309	2,106	Mobile-Alabama-Coosa/Mobile Bay	639	1,028
Canadian/Arkansas River	906	1,458	North Canadian/Canadian River	784	1,261
Cimarron/Arkansas River	698	1,123	North Platte/Platte River	680	1,094
Colorado (U.S.-Mex.)/Gulf of California	1,450	2,333	Ohio/Mississippi River	981	1,578
Colorado (Texas)/Matagorda Bay	894	1,438	Ohio-Allegheny/Mississippi River	1,306	2,101
Columbia/Pacific Ocean	1,214	1,953	Ouachita/Red River	605	973
Columbia, Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	926	1,490
Cumberland/Ohio River	687	1,105	Red (Okla.-Tex.-La.)/Mississippi River	1,222	1,966
Gila/Colorado River	630	1,014	Rio Grande/Gulf of Mexico	1,885	3,033
Green (Utah-Wyo.)/Colorado River	730	1,175	St. Lawrence/Lake Ontario	800	1,287
James (N.Dak.-S.Dak.)/Missouri River	710	1,142	Snake/Columbia River	1,000	1,609
Kuskokwim/Kuskokwim Bay	800	1,287	Tanana/Yukon River	800	1,287
Milk/Missouri River	625	1,006	Tennessee/Ohio River	652	1,049
Mississippi/Mouth of SW Pass	2,348	3,778	Tennessee-French Broad/Ohio River	869	1,398
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	*Trinity/Trinity Bay*	715	1,150
			Washita/Red River	626	1,007
Mississippi-Missouri-Red Rock/mouth of SW Pass	3,741	6,019	White (Ark.-Mo.)/Mississippi River	685	1,102
Missouri/Mississippi River	2,315	3,725	Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

No. 359. Areas of Selected Natural Lakes

[Comprises lakes with surface area of 150 square miles or more. One square mile=2.59 square kilometers]

Lake and location	Area		Lake and location	Area	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Becharof (Alaska)	458	1,186	Leech (Minn.)	176	456
Champlain (N.Y., Vt., and Canada)	490	1,269	Mille Lacs (Minn.)	207	536
Flathead (Montana)	197	510	*Naknek (Alaska)*	242	627
Great Salt [1] (Utah)	[2] 1,361	[2] 3,525	Okeechobee (Fla.)	700	1,813
Iliamna (Alaska)	1,000	2,590	Pontchartrain [1] (La.)	625	1,619
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada)	9,940	25,745	Pyramid [1] (Nev.)	[2] 168	[2] 435
Lake Huron (Mich. and Canada)	23,010	59,596	Rainy (Minn. and Canada)	345	894
Lake Michigan (Ill., Ind., Mich., and Wis.)	22,400	58,016	Red Lake, Upper and Lower (Minn.)	451	1,168
			St. Clair (Mich. and Canada)	460	1,191
Lake Ontario (N.Y. and Canada)	7,540	19,529	Salton Sea [1] (Calif.)	[2] 375	[2] 971
Lake Superior (Mich., Minn., Wis., and Canada)	31,820	82,414	Tahoe (Calif. and Nev.)	193	500
			Teshekpuk (Alaska)	315	816
Lake of the Woods (Minn. and Canada)	1,485	3,846	Winnebago (Wis.)	215	557

[1] Salty. [2] Variable. Estimated from elevation of water surface as of December 1976.

Source: U.S. Geological Survey, *Principal Lakes of the United States*, Circular 476.

NO. 360. ESTIMATED DAILY WATER USE: 1940 TO 1975, AND PROJECTIONS TO 2000

[**In billions of gallons. 1940–1960** not strictly comparable to later years due to differences in estimation procedures. Prior to **1960,** excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series J 92–103]

YEAR	TOTAL WATER USE [1]		IRRIGATION [2]		PUBLIC WATER UTILITIES [3]		SELF-SUPPLIED USES					
							Rural domestic [4]		Industrial and miscellaneous [5]		Steam electric utilities [1]	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1940	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	.02
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	.05
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	.10
1965	269.62	48.57	110.85	30.04	23.74	5.96	4.08	3.86	46.41	8.63	84.54	.08
1970	372.18	68.71	127.12	45.27	27.34	9.42	4.46	3.55	47.41	9.04	165.85	1.43
1975	337.55	82.14	158.23	56.30	26.36	10.70	3.98	3.90	60.08	9.77	88.90	1.47
1985	329.35	80.14	165.76	54.93	29.63	10.44	4.52	3.81	34.58	9.53	94.86	1.43
2000	306.03	74.47	153.54	51.04	34.17	9.70	4.91	3.54	33.36	8.86	80.05	1.33

[1] Beginning 1975, decline in water use reflects the increasing use of recycled treated effluents and cooling water by industrial water users and steam electric utilities. [2] Total take, including delivery losses but not including reservoir evaporation. [3] Includes domestic central and commercial water withdrawals. [4] Rural farm and nonfarm household and *garden use, and water for farm stock and dairies.* [5] *For 1940–1960, includes manufacturing and mineral industries, rural* commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: U.S. Bureau of Domestic Business Development, 1940–1960 based principally on committee prints, *Water Resources Activities in the United States,* for the Senate Committee on National Water Resources, U.S. Senate, 1960; 1965, *National Assessment of the Water Resources Council,* 1968; 1970, U.S. Geological Survey Circular 676, *Estimated Use of Water in the United States in 1970;* thereafter, U.S. Geological Survey, *Estimated Use of Water in the United States in 1975,* Geological Survey Circular 765.

NO. 361. WATER WITHDRAWN PER DAY—STATES AND PUERTO RICO: 1970 AND 1975

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					Fresh water consumed, [2] 1975 (mil. gal.)	STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed, [2] 1975 (mil. gal.)
	1970		1975					1970		1975			
	Per capita [1] (gal.)	Total (bil. gal.)	Per capita [1] (gal.)	Total (bil. gal.)	Surface (bil. gal.)			Per capita [1] (gal.)	Total (bil. gal.)	Per capita [1] (gal.)	Total (bil. gal.)	Surface (bil. gal.)	
Total	**1,800**	**370.0**	**1,920**	**420.0**	**330**	**96,000**	Mo	750	3.5	860	4.1	4	400
							Mont	12,000	8.0	15,440	12.0	11	2,800
Ala	1,900	6.7	2,530	9.1	9	260	Nebr	4,100	6.0	5,620	8.7	3	6,000
Alaska	830	.3	570	.2	(z)	6	Nev	6,700	3.3	5,950	3.5	3	1,600
Ariz	3,900	6.8	3,530	7.8	3	5,900	N.H	940	.7	1,220	1.0	1	21
Ark	1,600	3.0	2,390	5.1	3	2,200	N.J	870	6.3	900	6.6	6	440
Calif	2,400	48.0	2,390	51.0	31	23,000	N. Mex	3,100	3.2	2,830	3.2	2	1,600
Colo	6,000	13.0	4,000	10.0	7	5,300	N.Y	970	18.0	1,340	24.0	23	740
Conn	1,200	3.5	860	2.7	3	160	N.C	1,200	5.9	1,100	6.0	6	490
Del	2,200	1.2	3,540	2.1	2	39	N. Dak	1,000	.7	1,390	.9	1	240
D.C	1,700	1.3	400	.3	(z)	18	Ohio	1,700	18.0	1,520	16.0	15	510
Fla	2,300	15.0	2,150	18.0	15	2,300	Okla	590	1.5	830	2.3	1	1,200
Ga	1,200	5.3	1,200	5.9	5	390	Oreg	2,800	5.9	3,020	6.9	6	3,200
Hawaii	3,500	2.7	2,890	2.5	2	560							
							Pa	1,700	20.0	1,540	18.0	17	830
Idaho	22,000	16.0	21,330	17.0	12	4,900	R.I	490	.5	520	.5	(z)	14
Ill	1,400	16.0	1,140	13.0	12	200	S.C	1,300	3.4	2,070	5.8	6	280
Ind	1,700	8.6	2,140	11.0	11	370	S.D	910	.6	800	.6	(z)	300
Iowa	750	2.1	1,220	3.5	3	220	Tenn	1,600	6.4	1,820	7.6	7	270
Kans	1,700	3.8	2,580	5.8	1	4,100	Tex	2,400	27.0	2,340	29.0	18	13,000
Ky	1,400	4.5	860	2.9	3	180	Utah	4,000	4.2	3,400	4.1	3	2,400
La	*2,500*	*9.1*	*3,090*	*12.0*	*10*	*3,200*	Vt	*250*	*.1*	*710*	*.3*	*(z)*	*110*
Maine	760	.8	1,130	1.2	1	41	Va	1,200	5.5	1,500	7.5	7	71
Md	1,300	5.2	1,810	7.4	7	110	Wash	2,100	7.2	2,040	7.2	7	2,500
Mass	740	4.2	1,500	8.8	8	110	W. Va	3,300	5.8	3,440	6.2	6	66
Mich	1,500	13.0	1,640	15.0	14	310	Wis	1,400	6.3	680	3.2	3	240
Minn	900	3.4	1,020	4.0	3	270	Wyo	17,000	5.8	19,320	7.2	7	2,100
Miss	950	2.1	900	2.1	1	530	P. Rico [3]	1,100	3.0	1,270	4.2	4	250

Z Less than 500 million. [1] Based on population as of July 1. [2] Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. [3] Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1970* and *1975,* Circulars 676 and 765.

NO. 362. STATUS OF AUTHORIZED FEDERAL WATER PROJECTS OF THE CORPS OF ENGINEERS AND WATER AND POWER RESOURCES SERVICE: 1980 AND 1981

[In millions of dollars, except number of projects. For year ending Sept. 30]

STATUS	NUMBER OF PROJECTS		Total estimated Federal cost [1]	Allocations through 1979	1980 budget allocations	1981 budget allocations	Balance to complete
	1980	1981					
Corps of Engineers, total	**4,319**	**4,317**	**64,049**	**28,250**	**2,278**	**1,609**	**31,909**
Construction not started	209	185	12,777	137	11	21	12,608
Active underway	261	284	26,112	11,023	1,352	1,588	12,149
Completed projects	3,476	3,500	17,797	16,962	835	–	–
Deferred projects	126	125	1,749	39	75	–	1,635
Inactive projects	247	223	5,611	89	5	–	5,517
Water and Power Resources Service, total	**265**	**265**	**20,240**	**8,741**	**415**	**591**	**10,493**
Construction not started	9	9	1,013	13	4	1	995
Active underway	79	69	14,714	5,770	341	589	8,014
Completed projects	161	171	2,858	2,788	70	–	–
Inactive projects	16	16	1,655	170	–	1	1,484

– Represents zero. [1] Gross cost for all years, excluding reimbursements, revenues, and contributions by other parties.

Source: U.S. Corps of Engineers, *Civil Works Summary—Active Authorized Backlog, Fiscal Year 1980,* and U.S. Water and Power Resources Services, unpublished data.

NO. 363. NATIONAL EXPENDITURES FOR POLLUTION ABATEMENT AND CONTROL IN CURRENT AND CONSTANT (1972) DOLLARS, 1973 TO 1978, AND BY MEDIA, 1978

[In millions of dollars, except percent. Excludes agricultural business, real estate operators, private medical, legal, educational, and cultural services, and nonprofit organizations]

TYPE	1973	1974	1975	1976	1977	1978, prel.			
						Total [1]	Air	Water	Solid waste
CURRENT DOLLARS									
Total expenditures	**22,289**	**26,155**	**30,630**	**34,153**	**37,541**	**42,277**	**16,771**	**19,201**	**6,670**
Percent Government of total	27.9	28.6	28.6	28.3	26.9	29.0	4.2	44.4	30.4
Pollution abatement	20,897	24,573	28,874	32,162	35,217	39,700	15,583	18,574	6,581
Personal consumption	*2,065*	*2,667*	*3,463*	*3,994*	*4,311*	*4,649*	*4,649*	–	–
Durable goods	670	690	1,361	1,821	2,166	2,412	2,412	–	–
Nondurable goods and services	1,395	1,977	2,102	2,173	2,145	2,237	2,237	–	–
Business	13,432	15,397	17,809	19,798	22,282	24,776	10,654	10,566	4,621
On capital account	7,072	7,384	8,465	9,061	9,844	10,576	5,063	4,908	605
On current account	6,360	8,013	9,344	10,736	12,438	14,200	5,592	5,658	4,016
Government	5,400	6,509	7,602	8,370	8,624	10,276	280	8,008	1,959
Federal	203	294	432	472	491	461	87	300	45
State and local	1,433	1,592	1,752	1,834	1,963	2,118	1	203	1,914
Govt. enterprise fixed capital	3,763	4,623	5,418	6,064	6,170	7,697	192	7,505	–
Regulation and monitoring	490	595	653	725	830	921	265	397	49
Federal	278	346	381	402	429	507	94	187	27
Research and development [2]	903	988	1,104	1,266	1,494	1,656	923	231	41
Private	569	608	609	693	865	986	756	107	22
Federal	269	342	448	528	578	611	159	105	16
CONSTANT (1972) DOLLARS									
Total expenditures	**20,932**	**21,027**	**22,670**	**23,880**	**24,461**	**25,652**	**9,832**	**11,598**	**4,356**
Pollution abatement	19,626	19,672	21,300	22,420	22,881	24,029	9,094	11,200	4,299
Personal consumption	1,965	2,116	2,589	2,857	2,945	2,990	2,990	–	–
Business	12,638	12,093	12,690	13,327	13,933	14,489	5,941	6,116	3,014
Government	5,025	5,462	6,022	6,236	6,002	6,550	163	5,084	1,285
Regulation and monitoring	458	515	523	549	579	594	169	254	31
Research and development	849	840	847	911	1,002	1,029	569	145	26

– Represents zero. [1] Includes expenditures for abatement and control of noise, radiation, and pesticide pollution, and unallocated business expenditures, not shown separately. [2] Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* February 1980.

NO. 364. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1975 TO 1978

[**In millions of dollars.** For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control, and abatement of water, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL				LAND QUALITY CONTROL [1]				AIR QUALITY CONTROL			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
Federal expenditures	2,552	3,139	4,318	4,413	62	98	125	132	213	242	256	323
Direct	377	456	467	490	55	94	118	116	179	189	200	263
Intergovernmental	2,175	2,682	3,851	3,923	7	4	7	16	34	53	56	60
State expenditures	751	939	862	869	105	108	134	148	95	157	189	185
Direct	316	326	381	457	89	87	120	128	86	148	178	171
Intergovernmental	436	613	481	412	16	21	14	20	9	10	11	14
Local expenditures [2]	5,323	6,008	6,466	6,834	2,127	2,321	2,337	2,780	41	39	32	35
Current operation	1,695	1,988	2,316	2,643	1,845	2,086	2,104	2,501	38	38	31	34
Capital outlay	3,628	4,020	4,150	4,191	282	235	233	279	3	1	1	1

[1] Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2. [2] Direct expenditure. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1974-75* (GSS No. 83), *Fiscal Year 1975-76* (GSS No. 86), *Fiscal Year 1976-77* (GSS No. 90), and *Fiscal Year 1977-78* (GSS No. 97).

NO. 365. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1980

[**In millions of dollars, except as indicated.** Through **1976**, for years ending **June 30**; thereafter, for years ending **Sept. 30**]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980 [1]
Total	**3,701**	**4,909**	**5,995**	**7,481**	**9,212**	**10,777**	**12,488**	**12,528**
Annual percent change	[2] 28.9	32.6	22.1	24.8	23.1	17.0	15.9	.3
Pollution abatement and control	1,925	2,974	3,571	4,536	5,829	5,934	7,248	7,375
Percent Environmental Protection Agency	57.8	68.3	70.8	93.2	74.9	68.6	66.2	67.6
Protection and enhancement [3]	820	870	1,128	1,294	1,498	2,688	2,616	2,464
Aid to State and local governments	248	333	403	392	426	847	856	831
City recreation	69	93	110	98	205	425	338	234
Noncity general recreation	84	121	151	142	145	158	196	241
Sport fish and wildlife	66	68	90	85	7	121	108	120
Historic preservation and rehabilitation	9	11	11	14	47	39	45	48
Direct Federal activities [3]	571	537	725	902	1,073	1,841	1,759	1,633
Noncity general recreation	172	128	189	264	325	372	449	437
Preservation and protection [4]	155	151	164	245	303	647	520	409
Sport fish and wildlife	110	62	128	160	163	438	287	312
City recreation	46	108	145	139	113	132	196	184
Historic preservation and rehabilitation	53	41	60	39	73	63	133	115
Understanding, describing, and predicting [3]	956	1,065	1,296	1,651	1,885	2,155	2,624	2,689
Observe and predict weather, ocean conditions, etc. [5]	452	484	595	661	709	744	907	964
Locate and describe natural resources	250	260	351	423	490	688	861	811
Research on environmental impact on people	66	96	57	227	261	266	303	347
Ecological and other basic environmental research	66	89	125	169	206	242	266	276
Physical environmental surveys	103	115	146	155	199	197	262	264

[1] Estimated. [2] Change from 1972. [3] Includes activities not shown separately. [4] Unique natural areas and endangered species. [5] Includes earthquakes and other disturbances.

NO. 366. FEDERAL OBLIGATIONS FOR POLLUTION ABATEMENT AND CONTROL: 1970 TO 1980

[**In millions of dollars.** For **1970** and **1975**, year ending **June 30**; thereafter, for year ending **Sept. 30**. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government]

MEDIA	1970	1975	1978	1979	1980 [1]	SELECTED POLLUTANTS [2]	1970	1975	1978	1979	1980 [1]
Total	**1,071**	**6,103**	**5,370**	**7,961**	**8,701**	Toxics	(x)	(x)	49	238	336
						Solid wastes	20	174	152	240	323
Water	677	5,179	3,922	6,212	6,597	Radiation	116	160	188	167	184
Air	189	348	456	517	676						
Land	35	57	132	122	141	Pesticides	30	59	80	100	100
Other	169	519	860	1,110	1,287	Noise	36	50	46	72	64

X Not applicable. [1] Estimated. [2] Funds for selected pollutants are included in media breakdown.

Source of tables 365 and 366: U.S. Office of Management and Budget, *Special Analysis, Budget of the United States Government*, annual, and unpublished data.

No. 367. New Capital Business Expenditures for Pollution Abatement, by Industry: 1975 to 1979

Industry	Pollution abatement expenditures (mil. dol.)							Percent of total capital outlays by business [1]				
	1975	1977	1978	1979				1975	1977	1978	1979	
				Total	Air	Water	Solid waste				Total	Air
All industries	**6,549**	**6,939**	**6,924**	**7,143**	**3,915**	**2,664**	**564**	**5.8**	**5.1**	**4.5**	**4.0**	**2.2**
Manufacturing	4,475	4,282	3,951	3,976	2,103	1,493	381	9.3	7.0	5.8	5.1	2.7
Durable goods [2]	1,775	1,668	1,561	1,585	*936*	*540*	*109*	*8.1*	*5.9*	*4.9*	*4.2*	*2.5*
Primary metals	1,012	927	752	811	558	227	26	17.2	15.7	12.6	12.4	8.5
Electrical machinery	136	111	130	114	27	82	6	5.8	3.4	3.3	2.3	0.5
Machinery, exc. electrical	83	104	111	88	36	39	13	1.8	1.8	1.7	1.1	0.4
Transportation equipment	116	163	224	261	122	97	42	3.4	3.1	3.6	3.3	1.6
Stone, clay, and glass	198	149	164	145	116	22	7	14.3	7.3	6.6	5.0	4.0
Nondurable goods [2]	2,700	2,615	2,389	2,391	1,167	953	272	10.3	8.0	6.7	5.9	2.9
Food, incl. beverages	175	176	172	148	51	84	13	5.2	4.2	3.6	2.9	1.0
Textiles	31	35	29	31	21	10	1	4.6	3.8	2.8	3.0	2.0
Paper	489	468	239	297	133	124	40	16.8	13.8	7.1	6.1	2.8
Chemicals	684	701	565	440	203	184	53	10.9	10.2	7.8	5.2	2.4
Petroleum	*1,239*	*1,167*	*1,294*	*1,385*	*708*	*530*	*147*	11.8	8.2	8.3	8.4	4.3
Rubber	41	47	58	62	38	12	12	4.0	3.3	3.3	3.3	2.0
Nonmanufacturing	2,074	2,657	2,974	3,166	1,812	1,171	183	3.2	3.5	3.5	3.2	1.8
Mining	73	97	206	187	59	105	23	1.9	2.2	4.3	3.4	1.1
Railroad	35	28	36	20	2	17	1	1.4	1.0	1.1	0.5	0.1
Air transportation	11	14	15	12	7	5	1	.6	.8	.6	0.4	0.2
Other transportation	41	23	25	24	11	11	2	1.4	1.0	1.0	0.8	0.4
Public utilities	1,700	2,300	2,506	2,763	1,653	975	135	8.4	8.8	8.6	8.3	5.0
Communication, commercial, and other	214	195	185	160	79	59	22	.6	.5	.4	0.3	0.2

[1] Based on outlays reported in source; see also table 940. [2] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1980.

No. 368. Air Quality—Days by Level of PSI for Selected SMSA's: 1976 to 1978

[PSI is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO_2), total suspended particulates (TSP), photochemical oxidants or ozone (O_3), and nitrogen dioxide (NO_2). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0–100; unhealthful for 100–200; very unhealthful for 200–300; and hazardous for more than 300. For SMSA explanation, see Appendix III]

Standard metropolitan statistical area	Number of days according to pollution standards index (PSI)											
	1976				1977				1978			
	0–100	100–200	200–300	More than 300	0–100	100–200	200–300	More than 300	0–100	100–200	200–300	More than 300
Average, 23 SMSA's	284.0	63.6	18.1	.3	292.5	56.5	15.8	.2	292.7	56.8	15.0	.5
Los Angeles, Calif	*98*	*126*	*142*	–	*112*	*136*	*117*	–	*159*	*111*	*95*	–
Denver, Colo	184	149	33	–	222	122	20	1	192	133	39	1
Chicago, Ill	285	67	13	1	223	123	18	1	215	119	28	3
Riverside-San Bernardino-Ontario, Calif	192	86	88	–	183	74	108	–	220	77	68	–
St. Louis, Mo.-Ill	225	108	27	6	262	90	13	–	246	94	18	7
Louisville, Ky.-Ind	206	146	14	–	262	90	12	1	271	86	8	–
Houston, Tex	302	52	12	–	315	39	11	–	271	70	24	–
Philadelphia, Pa.-N.J	279	80	7	–	286	69	10	–	284	71	10	–
Portland, Oreg.-Wash	296	67	3	–	284	76	5	–	290	73	2	–
Salt Lake City, Utah	256	85	25	–	304	52	9	–	294	51	20	–
Washington, D.C.-Md.-Va	219	132	15	–	291	67	7	–	295	67	3	–
Kansas City, Mo.-Kans	359	6	1	–	340	17	8	–	299	57	9	–
Seattle-Everett, Wash	276	85	5	–	270	91	4	–	303	60	2	–
Cincinnati, Ohio-Ky.-Ind	325	40	1	–	302	59	4	–	326	38	1	–
San Diego, Calif	292	65	9	–	320	41	4	–	327	32	6	–
Memphis, Tenn.-Ark.-Miss	342	24	–	–	343	19	2	1	328	34	3	–
Milwaukee, Wis	334	24	8	–	332	26	7	–	331	31	3	–
Sacramento, Calif	328	35	3	–	346	19	–	–	338	25	2	–
Buffalo, N.Y	335	23	8	–	325	37	3	–	342	20	3	–
San Francisco, Calif	321	44	1	–	341	24	–	–	343	21	1	–
Syracuse, N.Y	359	5	2	–	358	5	2	–	347	18	–	–
Tampa-St. Petersburg, Fla	361	5	–	–	*346*	19	–	–	353	12	–	–
Rochester, N.Y	358	8	–	–	361	4	–	–	359	6	–	–

– Represents zero.

Source: U.S. Council on Environmental Quality, *Environmental Quality—1979.*

No. 369. National Ambient Air Pollutant Concentrations: 1972 to 1979

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, $\mu g/M^3$ = micrograms of pollutant per cubic meter of air; mg/M^3 = milligrams of pollutant per cubic meter of air]

POLLUTANT	Monitoring stations, number	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Carbon monoxide (mg/M^3)	183	3.4	3.3	3.1	3.0	2.7	2.5	2.3	2.2
Photochemical oxidants ($\mu g/M^3$)	230	(NA)	(NA)	123.5	123.5	123.5	123.5	123.4	123.5
Sulfur dioxide ($\mu g/M^3$)	1,322	23	21	21	20	20	19	18	19
Total suspended particulates ($\mu g/M^3$)	3,000	65	64	62	60	61	61	60	60

NA Not available.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1977,* and unpublished data.

No. 370. Air Pollutants—National Emission Estimates: 1970 to 1978

[In millions of short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978
Particulates [1]	25.6	24.2	23.1	22.4	19.7	16.1	15.5	15.0	13.8
Sulfur oxides	32.8	31.1	32.3	33.6	31.4	28.9	30.2	30.0	29.8
Nitrogen oxides	21.9	22.7	23.8	24.7	24.0	23.0	24.8	25.8	25.7
Hydrocarbons	31.2	30.6	32.6	31.3	29.9	27.9	29.8	29.9	30.6
Carbon monoxide	113.1	113.6	115.0	114.1	109.8	107.1	113.4	112.8	112.5

[1] Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

No. 371. Air Pollutant Emissions, by Source: 1970 to 1978

YEAR AND POLLUTANT	Total emissions (mil. sh. tons)	CONTROLLABLE EMISSIONS (mil. sh. tons)						Misc. uncontrollable (mil. sh. tons)	PERCENT OF TOTAL		
		Transportation		Fuel combustion [1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion [1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	113.1	88.8	78.1	1.7	(NA)	8.5	7.2	6.9	78.5	1.5	7.5
Sulfur oxides	32.8	.8	.3	25.0	17.5	6.8	.1	.1	2.4	76.2	20.7
Hydrocarbons	31.2	12.9	11.4	.4	(NA)	12.3	2.0	3.5	41.3	1.3	39.4
Particulates [2]	25.6	1.2	.8	7.9	4.5	14.1	1.2	1.1	4.7	30.9	55.1
Nitrogen oxides	21.9	8.2	5.8	12.5	5.7	.8	.3	.2	37.4	57.1	3.7
1975: Carbon monoxide	107.1	90.7	81.4	1.4	(NA)	7.4	3.5	4.1	84.7	1.3	6.9
Sulfur oxides	28.9	.9	.4	23.0	18.6	5.0	–	–	3.1	79.6	17.3
Hydrocarbons	27.9	11.9	10.5	.3	(NA)	10.1	1.0	2.4	42.7	1.1	36.2
Particulates [2]	16.1	1.0	.8	5.6	4.1	8.2	.6	.7	6.2	34.8	50.9
Nitrogen oxides	23.0	9.5	7.1	12.5	6.8	.8	.2	.1	41.3	54.3	3.5
1978: Carbon monoxide	112.5	94.2	85.0	1.3	(NA)	8.4	3.0	5.6	83.6	1.1	7.5
Sulfur oxides	29.8	.9	.4	24.4	19.4	4.5	–	–	3.0	81.9	15.1
Hydrocarbons	30.6	11.8	10.2	.3	(NA)	15.0	.9	2.6	38.6	1.0	49.0
Particulates [2]	13.8	1.4	1.0	4.2	2.8	6.8	.6	.8	10.1	30.4	49.3
Nitrogen oxides	25.7	10.4	7.4	14.2	7.9	.9	.1	.1	40.5	55.2	3.5

NA Not available. – Represents zero. [1] Stationary. [2] See footnote 1, table 370.

Source of tables 370 and 371: U.S. Environmental Protection Agency, *National Air Pollutant Emission* Estimates *1970–78.*

No. 372. Motor Vehicle Pollutant Emissions per Vehicle-Mile Traveled: 1970 to 1981

[In grams per mile. Estimated. Data based on 1975 city/highway weighted Federal Test Procedure which assumes an average speed of 19.6 mph at 75 degrees F]

POLLUTANT AND SOURCE	1970	1974	1975	1976	1977	1978	1979	1980 proj.	1981 proj.	PERCENT CHANGE	
										1970–1975	1976–1981
All vehicles:											
Carbon monoxide	86.9	79.0	77.0	74.3	71.4	68.3	65.2	60.6	55.5	−11.4	−25.3
Hydrocarbons	12.1	9.9	9.4	8.9	8.4	7.9	7.3	6.6	5.8	−22.3	−34.8
Nitrogen oxides	4.7	4.7	4.6	4.4	4.1	3.9	3.8	3.6	3.4	−2.1	−22.7
Automobiles:											
Carbon monoxide	76.7	69.7	67.7	64.8	61.5	58.0	54.5	49.4	43.6	−11.7	−32.7
Hydrocarbons	10.8	8.7	8.3	7.7	7.2	6.6	6.0	5.3	4.6	−23.1	−40.3
Nitrogen oxides	3.8	3.8	3.6	3.4	3.1	2.9	2.7	2.6	2.4	−5.3	−29.4

Source: U.S. Environmental Protection Agency, *Mobile Source Emission Factors,* Final Document, March 1978.

No. 373. National Ambient Water Quality in Rivers and Streams—Violation Rate: 1975 to 1978

[**In percent.** *Violation level* based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. For metric conversions, see p. x]

POLLUTANT	VIOLATION LEVEL	1975	1976	1977	1978
Fecal coliform bacteria	Above 200 cells per 100 ml	37	31	31	38
Dissolved oxygen	Below 5.0 mg per liter	3	6	10	6
Phosphorus	Below .1 mg per liter	47	46	45	47

Source: U.S. Council on Environmental Quality, unpublished data.

No. 374. Population Served by Sewer Systems, by Degree of Treatment: 1960 to 1978

ITEM	Unit	1960 [1]	1970 [1]	1978	ITEM	Unit	1960 [1]	1970 [1]	1978
U.S. population	Mil	**180**	**203**	**220**	Degree of treatment:				
Not served by sewers	Mil	70	58	66	Primary	Mil	36	(NA)	21
					Advanced primary	Mil		(NA)	26
Percent of population	Pct	39	29	30	Secondary	Mil	4	(NA)	56
Served by sewers	Mil	110	145	154	Advanced secondary	Mil		(NA)	31
Not treated	Mil	70	59	2	Tertiary	Mil		(NA)	18
Treated	Mil	40	86	152					

NA Not available. [1] Data for 1960 and 1970 not strictly comparable with 1978.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978, U.S. Environmental Protection Agency, *1978 Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, 1979.

No. 375. Polluting Discharges Reported in U.S. Waters: 1972 to 1978

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1972, discharges	9,931	18,806	**1978**—Con.			**1978**—Con.		
1973, discharges	13,328	24,315	Nontransportation			Type of pollutant:		
1974, discharges	13,966	16,916	*facilities*	2,311	3,237	*Crude oil*	2,112	3,367
1975, discharges	12,057	14,967	Onshore	517	833	Diesel oil	2,741	1,609
1976, discharges	12,655	33,852	Offshore	865	88	Other oil	6,963	8,226
1977, discharges	12,844	19,900	Other	929	2,317	Other or unknown	2,517	3,223
1978, discharges	**14,333**	**17,426**	*Pipeline*	456	1,609	Location:		
Vessel	4,417	4,507	Marine facilities	734	6,348	Atlantic Coast	3,440	7,836
Tankship	796	332	Onshore/offshore	571	6,088	Gulf Coast	4,503	4,598
Tank barge	1,143	3,731	Land vehicles	569	623	Pacific Coast	2,610	306
Other	2,478	444	Land facilities	254	484	Great Lakes	781	171
			Other or unknown	5,592	618	Inland	2,999	4,516

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, 1978.

No. 376. Solid Waste Generation, Recovery, and Disposal: 1960 to 1978

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978
Gross waste generated	86.9	104.8	131.1	143.1	135.6	143.2	147.6	150.4
Per person per day (lb.)	2.64	2.96	3.50	3.70	3.48	3.65	3.70	3.77
Net waste disposed of	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.0
Per person per day (lb.)	2.46	2.78	3.29	3.43	3.25	3.38	3.41	3.46
Resources recovered	6.1	6.4	7.7	10.5	8.9	10.7	11.7	12.4
Per person per day (lb.)	.18	.18	.21	.27	.23	.27	.30	.31
Percent of gross discards:								
Paper	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1
Glass	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3
Metal	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5
Aluminum	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3
Rubber	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3

NA Not available.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

NO. 377. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1978

[Includes a small quantity of soil conditioners. Minus sign (–) denotes decrease]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978
Production, total	Mil. lb.	**648**	**877**	**1,034**	**1,417**	**1,603**	**1,364**	**1,388**	**1,416**
Average annual change [1]	Percent	(NA)	6.2	3.3	9.9	13.1	–15.2	1.7	2.1
Herbicides	Mil. lb.	102	263	404	604	788	656	674	664
Insecticides	Mil. lb.	366	490	490	650	660	566	570	605
Fungicides	Mil. lb.	179	124	140	163	155	142	143	148
Production value [2]	Mil. dol	307	577	1,058	1,985	2,901	2,880	3,116	3,342
Average annual change [1]	Percent	(NA)	13.5	12.9	17.0	46.2	–1.3	8.2	7.3
Sales, total	Mil. lb.	**570**	**764**	**881**	**1,365**	**1,328**	**1,193**	**1,263**	**1,300**
Sales value [2]	Mil. dol	262	497	870	1,815	2,366	2,410	2,808	3,041

NA Not available. [1] From previous year shown. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1978. Data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

NO. 378. PESTICIDE RESIDUES IN HUMAN TISSUE—CONCENTRATION LEVELS: 1970 TO 1976

[In parts per million (ppm). Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Monitoring Program for Pesticides]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976
DDT	7.88	7.95	6.88	5.88	4.99	5.12	4.84
Dieldrin	.18	.22	.18	.18	.15	.17	.15
Oxychlordane	(NA)	(NA)	.11	.12	.12	.14	.14
Heptachlor epoxide	.09	.09	.08	.09	.08	.11	.11

NA Not available.

Source: 1970–1974, Kutz, R. W., S. C. Strassman, and A. R. Yobs, "Survey of Pesticide Residue and Their Metabolites in Humans," *Pesticide Management and Insecticide Resistance;* 1975–1976 U.S. Environmental Protection Agency, unpublished data.

NO. 379. THREATENED AND ENDANGERED WILDLIFE SPECIES—NUMBER: 1980

[As of **Jan. 31.** Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species	286	212	61	14	40	3	25	1	6	49
United States	35	67	11	5	29	2	23	1	6	49
Foreign [1]	251	145	50	9	11	1	2	–	–	–
Threatened species	24	3	10	2	12	5	–	–	2	9
United States	3	3	10	2	12	5	–	–	2	7
Foreign [1]	21	–	–	–	–	–	–	–	–	2

– Represents zero. [1] Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Feb. 1980, vol. V, No. 2.

NO. 380. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1978

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946–1955	1956–1965	1966–1975	1971	1972	1973	1974	1975	1976	1977	1978
Tornadoes, number [1]	2,969	6,572	8,030	888	741	1,102	947	920	835	852	788
Lives lost, total	1,751	924	1,172	156	27	87	361	60	44	43	53
Most in a single tornado	169	44	58	58	6	7	34	9	5	22	16
Property loss of $500,000 and over	130	191	428	35	29	76	107	42	46	46	59
Floods: Lives lost	808	557	1,528	74	540	105	121	114	187	212	102
Property loss (mil. dol.)	3,350	2,721	10,225	288	3,449	859	576	1,051	1,000	1,393	1,000
North Atlantic tropical cyclones and hurricanes: [2]											
Number reaching U.S. coast	40	33	25	5	3	1	1	1	2	1	2
Hurricanes only	21	14	13	3	1	–	1	1	1	1	–
Lives lost in U.S.	495	692	504	8	121	5	1	21	9	–	35

– Represents zero. [1] A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, characterized usually by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." [2] Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatological Data: National Summary*. Monthly with annual summary.

NO. 381. GROUND ELEVATION OF WEATHER STATIONS AND OCCURRENCE OF FREEZE—SELECTED CITIES

[Date of freeze based on 30-year period, 1931–1960, except as indicated]

STATE	STATION	Ground elevation (feet)	OCCURRENCE OF FREEZE, 32° F. (0° C.)				Mean number of days minimum temperature 32° F. or less	Length of record (yr.) [1]
			Spring date		Fall date			
			Mean	Latest	Mean	Earliest		
Ala.	Mobile [2]	211	Feb. 17	Mar. 20	Dec. 12	Nov. 14	20	10
Alaska	Juneau	12	May 13	June 7	Sept. 25	Aug. 24	152	29
Ariz.	Phoenix	1,117	Feb. 2	Mar. 14	Dec. 6	Nov. 5	15	12
Ark.	Little Rock	257	Mar. 17	Apr. 14	Nov. 10	Oct. 22	65	12
Calif.	Los Angeles	97	Jan. 1	Jan. 21	Dec. 30	Dec. 9	-	32
	Sacramento	17	Feb. 2	Apr. 8	Dec. 7	Nov. 4	20	12
	San Francisco	8	Jan. 17	Mar. 3	Dec. 22	Nov. 25	-	36
Colo.	Denver [2]	5,283	May 2	May 28	Oct. 14	Sept. 18	166	12
Conn.	Hartford [2]	169	Apr. 22	May 10	Oct. 19	Sept. 27	139	13
Del.	Wilmington [2]	74	Apr. 18	May 9	Oct. 26	Sept. 27	103	25
D.C.	Washington [2]	10	Apr. 10	May 12	Oct. 28	Oct. 2	80	12
Fla.	Jacksonville [2]	24	Feb. 6	Mar. 14	Dec. 16	Nov. 9	11	31
	Miami [2]	7	[3]	Feb. 6	[3]	[3]	-	8
Ga.	Atlanta	1,010	Mar. 19	Mar. 29	Nov. 10	Oct. 28	60	12
Hawaii	Honolulu [2]	7	[4]	[4]	[4]	[4]	[4]	15
Idaho	Boise [2]	2,838	Apr. 29	May 23	Oct. 16	Sept. 20	126	33
Ill.	Chicago	607	Apr. 19	May 4	Oct. 28	Oct. 7	120	9
	Peoria	652	Apr. 22	May 13	Oct. 20	Sept. 25	134	13
Ind.	Indianapolis [2]	792	Apr. 17	May 11	Oct. 27	Oct. 1	122	13
Iowa	Des Moines	938	Apr. 19	May 11	Oct. 22	Sept. 28	140	11
Kans.	Wichita [2]	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27	114	19
Ky.	Louisville [2]	477	Apr. 1	Apr. 19	Nov. 7	Oct. 15	95	12
La.	New Orleans [2]	4	Feb. 15	Mar. 20	Dec. 3	Nov. 13	12	26
Maine	Portland [2]	43	Apr. 29	May 30	Oct. 15	Sept. 17	161	32
Md.	Baltimore [2]	148	Mar. 28	Apr. 16	Nov. 17	Oct. 20	101	22
Mass.	Boston	15	Apr. 5	Apr. 15	Nov. 8	Oct. 22	103	8
Mich.	Detroit	619	Apr. 24	May 12	Oct. 22	Sept. 29	125	39
	Sault Ste. Marie	721	May 19	June 21	Sept. 28	Aug. 22	179	31
Minn.	Duluth [2]	1,428	May 13	June 1	Oct. 3	Sept. 13	188	11
	Minneapolis [2]	834	Apr. 30	May 24	Oct. 13	Sept. 18	160	13
Miss.	Jackson [2]	310	Mar. 10	Apr. 13	Nov. 13	Oct. 17	50	9
Mo.	Kansas City	742	Apr. 6	Apr. 20	Oct. 30	Oct. 6	99	11
	St. Louis	535	Apr. 9	Apr. 25	Nov. 1	Oct. 7	108	12
Mont.	Great Falls [2]	3,662	May 14	June 8	Sept. 26	Sept. 7	155	11
Nebr.	Omaha [2]	977	Apr. 14	May 11	Oct. 19	Sept. 24	139	9
Nev.	Reno [2]	4,404	May 14	June 25	Oct. 2	Aug. 30	188	9
N.H.	Concord [2]	342	May 11	May 26	Sept. 30	Sept. 13	174	7
N.J.	Atlantic City	64	Mar. 31	Apr. 13	Nov. 11	Oct. 22	115	8
N. Mex.	Albuquerque [2]	5,311	Apr. 16	May 18	Oct. 29	Oct. 11	120	12
N.Y.	Albany [2]	275	Apr. 27	May 20	Oct. 13	Sept. 23	159	7
	Buffalo [2]	705	Apr. 30	May 24	Oct. 25	Sept. 23	138	12
	New York [2]	132	Apr. 7	Apr. 24	Nov. 12	Oct. 19	82	59
N.C.	Charlotte [2]	736	Mar. 21	Apr. 16	Nov. 15	Oct. 15	74	12
	Raleigh [2]	434	Mar. 24	Apr. 25	Nov. 16	Oct. 24	85	8
N. Dak.	Bismarck [2]	1,647	May 11	June 2	Sept. 24	Sept. 6	186	13
Ohio	Cincinnati [2]	761	Apr. 15	May 25	Oct. 25	Sept. 28	99	57
	Cleveland [2]	777	Apr. 21	May 14	Nov. 2	Sept. 29	127	12
	Columbus [2]	812	Apr. 17	May 9	Oct. 30	Oct. 7	124	13
Okla.	Oklahoma City [2]	1,285	Mar. 28	Apr. 17	Nov. 7	Oct. 14	82	7
Oreg.	Portland	21	Feb. 22	May 2	Dec. 3	Oct. 14	44	32
Pa.	Philadelphia [2]	5	Mar. 30	Apr. 20	Nov. 17	Oct. 19	104	13
	Pittsburgh [2]	1,137	Apr. 16	May 4	Nov. 3	Oct. 10	126	13
R.I.	Providence [2]	51	Apr. 13	Apr. 24	Oct. 27	Oct. 3	127	9
S.C.	Columbia [2]	213	Mar. 14	Apr. 13	Nov. 21	Nov. 1	65	6
S. Dak.	Sioux Falls [2]	1,418	May 5	May 29	Oct. 3	Sept. 12	172	9
Tenn.	Memphis [2]	258	Mar. 20	Apr. 15	Nov. 12	Oct. 17	60	31
	Nashville [2]	590	Mar. 28	Apr. 19	Nov. 7	Oct. 17	81	7
Tex.	Dallas [2]	481	Mar. 18	Apr. 13	Nov. 12	Oct. 27	35	13
	El Paso	3,918	Mar. 14	Mar. 29	Nov. 12	Nov. 1	61	12
	Houston	96	Feb. 12	Mar. 27	Dec. 4	Nov. 3	22	3
Utah	Salt Lake City [2]	4,220	Apr. 12	Apr. 30	Nov. 1	Sept. 25	137	13
Vt.	Burlington [2]	332	May 8	May 27	Oct. 3	Sept. 13	168	8
Va.	Norfolk [2]	22	Mar. 18	Apr. 14	Nov. 27	Nov. 7	55	24
	Richmond [2]	164	Apr. 2	Apr. 20	Nov. 8	Oct. 21	85	43
Wash.	Seattle	400	Feb. 23	Apr. 2	Nov. 30	Oct. 19	32	13
	Spokane	2,536	Apr. 21	May 14	Oct. 8	Sept. 19	140	13
W. Va.	Charleston [2]	939	Apr. 18	May 11	Oct. 28	Sept. 29	100	25
Wis.	Milwaukee [2]	672	Apr. 20	May 9	Oct. 25	Sept. 24	149	12
Wyo.	Cheyenne [2]	6,126	May 20	June 18	Sept. 27	Sept 5	173	13
P.R.	San Juan [2]	13	[4]	[4]	[4]	[4]	[4]	17

- Represents zero. [1] Period ending in 1972. [2] Period of record, 1921–1950. [3] When frequency of occurrence in either spring or fall is 1 year in 10, or less, mean dates are not given. [4] 32° F. never recorded.

Source: U.S. National Oceanic and Atmospheric Administration, *Climates of the States.*

No. 382. Normal Daily Mean Temperature—Selected Cities

[**In Fahrenheit degrees.** Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970,* series J 110–136 and J 164–267, for related data]

State	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	51.2	54.0	59.4	67.9	74.8	80.3	81.6	81.5	77.5	68.9	58.5	52.9	67.4
Alaska	Juneau	23.5	28.0	31.9	38.9	46.8	53.2	55.7	54.3	49.2	41.8	32.5	27.3	40.3
Ariz.	Phoenix	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Ark.	Little Rock	39.5	42.9	50.3	61.7	69.8	78.1	81.4	80.6	73.3	62.4	50.3	41.6	61.0
Calif.	Los Angeles	54.5	55.6	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	61.7
	Sacramento	45.1	49.8	53.0	58.3	64.3	70.5	75.2	74.1	71.5	63.3	53.0	45.8	60.3
	San Francisco	48.3	51.2	53.0	55.3	58.3	61.6	62.5	63.0	64.1	61.0	55.3	49.7	56.9
Colo.	Denver	29.9	32.8	37.0	47.5	57.0	66.0	73.0	71.6	62.8	52.0	39.4	32.6	50.1
Conn.	Hartford	24.8	26.8	35.6	47.7	58.3	67.8	72.7	70.4	62.8	52.6	41.3	28.2	49.1
Del.	Wilmington	32.0	33.6	41.6	52.3	62.4	71.4	75.8	74.1	67.9	57.2	45.7	34.7	54.0
D.C.	Washington	35.6	37.3	45.1	56.4	66.2	74.6	78.7	77.1	70.6	59.8	48.0	37.4	57.3
Fla.	Jacksonville	54.6	56.3	61.2	68.1	74.3	79.2	81.0	81.0	78.2	70.5	61.2	55.4	68.4
	Miami	67.2	67.8	71.3	75.0	78.0	81.0	82.3	82.9	81.7	77.8	72.2	68.3	75.5
Ga.	Atlanta	42.4	45.0	51.1	61.1	69.1	75.6	78.0	77.5	72.3	62.4	51.4	43.5	60.8
Hawaii	Honolulu	72.3	72.3	73.0	74.8	76.9	78.9	80.1	80.7	80.4	78.9	76.5	73.7	76.6
Idaho	Boise	29.0	35.5	41.1	49.0	57.4	64.8	74.5	72.2	63.1	52.1	39.8	32.1	50.9
Ill.	Chicago	22.9	26.1	35.7	48.8	58.4	68.1	71.9	71.1	63.7	53.8	39.2	27.1	48.9
	Peoria	23.8	27.7	37.3	51.3	61.5	71.3	75.1	73.5	65.5	55.0	39.9	28.0	50.8
Ind.	Indianapolis	27.9	30.7	39.7	52.3	62.2	71.7	75.0	73.2	66.3	55.7	41.7	30.9	52.3
Iowa	Des Moines	19.4	24.2	33.9	49.5	60.9	70.5	75.1	73.3	64.3	54.3	37.8	25.0	49.0
Kans.	Wichita	31.3	36.3	43.6	56.6	66.1	75.8	80.7	79.7	70.6	59.6	44.8	34.5	56.6
Ky.	Louisville	33.3	35.8	44.0	55.9	64.8	73.3	76.9	75.9	69.1	58.1	45.0	35.6	55.6
La.	New Orleans	52.9	55.6	60.7	68.6	75.1	80.4	81.9	81.9	78.2	69.8	60.1	54.8	68.3
Maine	Portland	21.5	22.9	31.8	42.7	52.7	62.2	68.0	66.4	58.7	49.1	38.6	25.7	45.0
Md.	Baltimore	33.4	34.8	42.8	53.8	63.7	72.4	76.6	74.9	68.5	57.4	46.1	35.3	55.0
Mass.	Boston	29.2	30.4	38.1	48.6	58.6	68.0	73.3	71.3	64.5	55.4	45.2	33.0	51.3
Mich.	Detroit	25.5	26.9	35.4	48.1	58.4	69.1	73.3	71.9	64.5	54.3	41.1	29.6	49.9
	Sault Ste. Marie	14.2	15.2	24.0	38.2	49.0	58.7	63.8	63.2	55.3	46.2	32.8	20.1	40.0
Minn.	Duluth	8.5	12.1	23.5	38.6	49.4	59.0	65.6	64.1	54.4	45.3	28.4	14.4	38.6
	Minneapolis-St. Paul	12.2	16.5	28.3	45.1	57.1	66.9	71.9	70.2	60.0	50.0	32.4	18.6	44.1
Miss.	Jackson	47.1	49.8	56.1	65.7	72.7	79.4	81.7	81.2	76.0	65.8	55.3	48.9	65.0
Mo.	Kansas City	27.8	33.1	41.2	55.0	65.0	73.9	78.8	77.4	68.8	58.6	43.6	32.3	54.5
	St. Louis	31.3	35.1	43.3	56.5	65.8	74.9	78.6	77.2	69.6	59.1	45.0	34.6	55.9
Mont.	Great Falls	20.5	26.6	30.5	43.4	53.3	60.8	69.3	67.4	57.3	48.3	34.6	26.5	44.9
Nebr.	Omaha	22.6	28.0	37.1	52.3	63.0	72.2	77.2	75.6	66.3	55.9	40.0	28.0	51.5
Nev.	Reno	31.9	37.1	40.3	46.8	54.6	61.5	69.3	66.9	60.2	50.3	40.1	33.0	49.4
N.H.	Concord	20.6	22.6	32.3	44.2	55.1	64.7	69.7	67.2	59.5	49.3	38.0	24.8	45.6
N.J.	Atlantic City	32.7	33.9	41.1	51.7	61.6	70.3	75.1	73.4	67.1	56.7	46.0	35.1	53.7
N. Mex.	Albuquerque	35.2	40.0	45.8	55.8	65.3	74.6	78.7	76.6	70.1	58.2	44.5	36.2	56.8
N.Y.	Albany	21.5	23.5	33.4	46.9	57.7	67.5	72.0	69.6	61.9	51.4	39.6	25.9	47.6
	Buffalo	23.7	24.4	32.1	44.9	55.1	65.7	70.1	68.4	61.6	51.5	39.8	27.9	47.1
	New York [1]	32.2	33.4	41.1	52.1	62.3	71.6	76.6	74.9	68.4	58.7	47.4	35.5	54.5
N.C.	Charlotte	42.1	44.0	50.6	60.8	68.8	75.9	78.5	77.7	72.0	61.7	51.0	42.5	60.5
	Raleigh	40.5	42.2	49.2	59.5	67.4	74.4	77.5	76.5	70.6	60.2	50.0	41.2	59.1
N. Dak.	Bismarck	8.2	13.5	25.1	43.0	54.4	63.8	70.8	69.2	57.5	46.8	28.9	15.6	41.4
Ohio	Cincinnati	31.1	33.3	41.7	53.9	63.2	72.1	75.6	74.4	67.8	56.8	43.8	33.7	54.0
	Cleveland	26.9	27.9	36.1	48.3	58.3	67.9	71.4	70.0	63.9	53.8	41.6	30.3	49.7
	Columbus	28.4	30.3	39.2	51.2	61.1	70.4	73.6	71.9	65.2	54.2	41.7	30.7	51.5
Okla.	Oklahoma City	36.8	41.3	48.2	60.4	68.3	76.8	81.5	81.1	73.0	62.4	49.2	40.0	59.9
Oreg.	Portland	38.1	42.8	45.7	50.6	56.7	62.0	67.1	66.6	62.2	53.8	45.3	40.7	52.6
Pa.	Philadelphia	32.3	33.9	41.9	52.9	63.2	72.3	76.8	74.8	68.1	57.4	46.2	35.2	54.6
	Pittsburgh	28.1	29.3	38.1	50.2	59.8	68.6	71.9	70.2	63.8	53.2	41.3	30.5	50.4
R.I.	Providence	28.4	29.4	36.9	47.3	56.9	66.4	72.1	70.4	63.4	53.7	43.3	31.5	50.0
S.C.	Columbia	45.4	47.6	54.2	64.1	72.1	78.8	81.2	80.2	74.5	64.2	53.8	46.0	63.5
S. Dak.	Sioux Falls	14.2	19.4	30.0	46.1	57.7	67.6	73.3	71.8	60.9	50.2	33.1	20.0	45.4
Tenn.	Memphis	40.5	43.8	51.0	62.5	70.9	78.6	81.6	80.4	73.6	63.0	50.9	42.7	61.6
	Nashville	38.3	41.0	48.7	60.1	68.5	76.6	79.6	78.5	72.0	60.9	48.4	40.4	59.4
Tex.	Dallas-Fort Worth	44.8	48.7	55.0	65.2	72.5	80.6	84.8	84.9	77.7	67.6	55.8	47.9	65.5
	El Paso	43.6	48.4	54.6	63.9	72.2	80.3	82.3	80.5	74.2	64.0	51.6	44.4	63.4
	Houston	52.1	55.3	60.8	69.4	75.8	81.1	83.3	83.4	79.2	70.9	61.1	54.6	68.9
Utah	Salt Lake City	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Vt.	Burlington	16.8	18.6	29.1	43.0	54.8	65.2	69.8	67.4	59.3	48.8	37.0	22.6	44.4
Va.	Norfolk	40.5	41.4	48.1	57.8	66.7	74.5	78.3	76.9	71.8	61.7	51.6	42.3	59.3
	Richmond	37.5	39.4	46.9	57.8	66.5	74.2	77.9	76.3	70.0	59.3	49.0	39.0	57.8
Wash.	Seattle-Tacoma	38.2	42.3	44.1	48.7	54.9	59.8	64.5	63.8	59.6	52.2	44.6	40.5	51.1
	Spokane	25.4	32.2	37.5	46.1	54.7	61.5	69.7	68.0	59.6	47.8	35.5	29.0	47.3
W. Va.	Charleston	34.5	36.5	44.5	55.9	64.5	72.0	75.0	73.6	67.5	57.0	45.4	36.2	55.2
Wis.	Milwaukee	19.4	22.5	31.4	44.7	54.2	64.5	69.9	69.2	61.1	51.0	36.5	24.2	45.7
Wyo.	Cheyenne	26.6	29.0	31.6	42.7	52.4	61.3	69.1	67.6	58.2	47.9	35.5	29.2	45.9
P.R.	San Juan	75.4	75.3	76.3	77.5	79.2	80.5	80.9	81.3	81.1	80.6	78.7	76.8	78.6

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States,* No. 81.

No. 383. Normal Daily Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

State	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	61.1	64.1	69.5	76.0	85.0	89.8	90.5	90.6	86.5	79.7	69.5	63.0	77.3
Alaska	Juneau	29.1	33.9	38.2	46.5	55.4	62.0	63.6	62.3	56.1	47.2	37.3	32.0	47.0
Ariz	Phoenix	64.8	69.3	74.5	83.6	92.9	101.5	104.8	102.2	98.4	87.6	74.7	66.4	85.1
Ark	Little Rock	50.1	53.8	61.8	73.5	81.4	89.3	92.6	92.6	85.8	76.0	62.4	52.1	72.6
Calif	Los Angeles	63.5	64.1	64.3	65.9	68.4	70.3	74.8	75.8	75.7	72.9	69.6	66.5	69.2
	Sacramento	53.0	59.1	64.1	71.3	78.8	86.4	92.9	91.3	87.7	77.1	63.6	53.3	73.2
	San Francisco	55.3	58.6	61.0	63.5	66.6	70.2	70.9	71.6	73.6	70.3	63.3	56.5	65.1
Colo	Denver	43.5	46.2	50.1	61.0	70.3	80.1	87.4	85.8	77.7	66.8	53.3	46.2	64.0
Conn	Hartford	33.4	35.7	44.6	58.9	70.3	79.5	84.1	81.9	74.5	64.3	50.6	36.8	59.6
Del	Wilmington	40.2	42.2	51.1	63.0	73.1	81.6	85.5	83.9	78.2	67.8	55.2	43.0	63.7
D.C	Washington	43.5	46.0	55.0	67.1	76.6	84.6	88.2	86.6	80.2	69.8	57.2	45.2	66.7
Fla	Jacksonville	64.6	66.9	72.2	79.0	84.6	88.3	90.0	89.7	86.0	79.2	71.4	65.6	78.1
	Miami	75.6	76.6	79.5	82.7	85.3	88.0	89.1	89.9	88.3	84.6	79.9	76.6	83.0
Ga	Atlanta	51.4	54.5	61.1	71.4	79.0	84.6	86.5	86.4	81.2	72.5	61.9	52.7	70.3
Hawaii	Honolulu	79.3	79.2	79.7	81.4	83.6	85.6	86.8	87.4	87.4	85.8	83.2	80.3	83.3
Idaho	Boise	36.5	43.8	51.6	61.4	70.6	78.3	90.5	87.6	77.6	64.7	48.9	39.1	62.6
Ill	Chicago	31.1	34.3	44.6	59.4	69.7	79.1	83.1	82.3	75.4	65.5	48.3	35.0	59.0
	Peoria	31.9	36.0	46.5	61.7	72.3	81.7	85.5	84.0	76.4	65.9	48.7	35.7	60.5
Ind	Indianapolis	36.0	39.3	49.0	62.8	72.9	82.3	85.4	84.0	77.7	67.0	50.5	38.7	62.2
Iowa	Des Moines	27.5	32.5	42.5	59.7	70.9	79.8	84.9	83.2	74.6	64.9	46.4	32.8	58.3
Kans	Wichita	41.4	47.1	55.0	68.1	77.1	86.5	91.7	91.0	81.9	71.3	55.8	44.3	67.6
Ky	Louisville	42.0	45.0	54.0	66.9	75.6	83.7	87.3	86.8	80.5	70.3	54.9	44.1	65.9
La	New Orleans	62.3	65.1	70.4	78.4	84.9	89.6	90.4	90.6	86.6	79.9	70.3	64.2	77.7
Maine	Portland	31.2	33.3	40.8	52.8	63.6	73.2	79.1	77.6	69.9	60.2	47.5	34.9	55.3
Md	Baltimore	41.9	43.9	53.0	65.2	74.8	83.2	86.7	85.1	79.0	68.3	56.1	43.9	65.1
Mass	Boston	35.9	37.5	44.6	56.3	67.1	76.6	81.4	79.3	72.2	63.2	51.7	39.3	58.7
Mich	Detroit	31.7	33.7	43.1	57.6	68.5	79.1	83.1	81.6	74.2	63.4	47.7	35.4	58.3
	Sault Ste. Marie	22.0	23.7	32.5	47.2	59.4	70.0	75.1	73.4	64.5	54.8	39.0	26.8	49.0
Minn	Duluth	17.6	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
	Minneapolis-St. Paul	21.2	25.9	36.9	55.5	67.9	77.1	82.4	80.8	70.7	60.7	40.6	26.6	53.8
Miss	Jackson	58.4	61.7	68.7	78.2	85.0	91.0	92.7	92.6	88.0	80.1	68.5	60.5	77.1
Mo	Kansas City	36.2	41.9	50.5	64.8	74.3	82.6	88.0	86.7	78.8	68.9	52.7	40.4	63.7
	St. Louis	39.9	44.2	53.0	67.0	76.0	84.9	88.4	87.2	80.1	69.8	54.1	42.7	65.6
Mont	Great Falls	29.3	35.9	40.4	54.5	65.0	72.1	83.7	81.8	70.0	59.4	43.4	34.7	55.9
Nebr	Omaha	32.7	38.5	47.7	64.4	74.4	83.1	88.6	87.2	78.6	69.1	50.9	37.8	62.8
Nev	Reno	45.4	51.1	56.0	64.0	72.2	80.4	91.1	89.0	81.8	70.0	56.3	46.4	67.0
N.H	Concord	31.3	33.8	42.4	56.7	68.6	77.7	82.6	80.1	72.4	62.3	47.9	34.6	57.5
N.J	Atlantic City	41.4	42.9	50.7	62.3	72.4	80.8	84.7	83.0	77.3	67.5	55.9	44.2	63.6
N. Mex	Albuquerque	46.9	52.6	59.2	70.1	79.9	89.5	92.2	89.7	83.4	71.7	57.1	47.5	70.0
N.Y	Albany	30.4	32.7	42.6	58.0	69.7	79.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
	Buffalo	29.8	31.0	39.0	53.3	64.3	75.1	79.5	77.6	70.8	60.2	46.1	33.6	55.0
	New York[1]	38.5	40.2	48.4	60.7	71.4	80.5	85.2	83.4	76.8	66.8	54.0	41.4	62.3
N.C	Charlotte	52.1	54.9	62.2	72.7	80.2	86.4	88.3	87.4	82.0	73.1	62.4	52.5	71.2
	Raleigh	51.0	53.2	61.0	72.2	79.4	85.6	87.7	86.8	81.5	72.4	62.1	51.9	70.4
N. Dak	Bismarck	19.1	24.5	35.4	54.8	67.1	75.8	84.3	83.5	71.3	60.3	39.4	26.0	53.5
Ohio	Cincinnati	39.7	42.7	51.8	65.0	74.4	83.2	86.5	85.8	79.7	68.5	53.2	42.0	64.4
	Cleveland	33.4	35.0	44.1	58.0	68.4	78.2	81.6	80.4	74.2	63.6	48.8	36.4	58.5
	Columbus	36.4	39.2	49.3	62.8	72.9	81.9	84.8	83.7	77.6	66.4	50.9	38.7	62.1
Okla	Oklahoma City	47.6	52.6	59.8	71.6	78.7	87.0	92.6	92.5	84.7	74.2	60.9	50.7	71.1
Oreg	Portland	43.6	50.1	54.3	60.3	67.0	72.1	79.0	78.1	73.9	62.9	52.1	46.0	61.6
Pa	Philadelphia	40.1	42.2	51.2	63.5	74.1	83.0	86.8	84.8	78.4	67.9	55.5	43.2	64.2
	Pittsburgh	35.3	37.3	47.2	60.9	70.8	79.5	82.5	80.9	74.9	63.9	49.3	37.3	60.0
R.I	Providence	36.2	37.6	44.7	56.7	66.8	76.3	81.1	79.8	73.1	63.9	52.0	39.6	59.0
S.C	Columbia	56.9	59.7	66.5	76.9	84.5	90.3	92.0	91.0	85.4	77.1	66.9	57.9	75.4
S. Dak	Sioux Falls	24.6	29.7	39.7	57.8	69.7	78.9	85.1	83.8	73.0	62.7	43.5	29.6	56.5
Tenn	Memphis	49.4	53.1	60.8	72.7	81.2	88.7	91.6	90.6	84.3	74.9	61.5	51.7	71.7
	Nashville	47.6	50.9	59.2	71.3	79.8	87.5	90.2	89.2	83.5	73.2	59.0	49.6	70.1
Tex	Dallas-Fort Worth	55.7	59.8	66.6	76.3	82.8	90.8	95.5	96.1	88.5	79.2	67.5	58.7	76.5
	El Paso	57.0	62.5	68.9	78.5	87.2	94.9	94.6	92.8	87.4	78.5	66.1	57.8	77.2
	Houston	62.6	66.0	71.8	79.4	85.9	91.3	93.8	94.3	90.1	83.5	73.0	65.8	79.8
Utah	Salt Lake City	37.4	43.4	50.8	61.8	72.4	81.3	92.8	90.2	80.3	66.4	50.0	39.0	63.8
Vt	Burlington	25.9	28.2	38.0	53.3	66.1	76.5	81.0	78.3	70.0	58.7	44.3	30.3	54.2
Va	Norfolk	48.8	50.0	57.3	67.7	76.2	83.5	86.6	84.9	79.6	70.1	60.5	50.6	68.0
	Richmond	47.4	49.9	58.2	70.3	78.4	85.4	88.2	86.6	80.9	71.2	60.6	49.1	68.8
Wash	Seattle-Tacoma	43.4	48.5	51.5	57.0	64.1	69.0	75.1	73.8	68.7	59.4	50.4	45.4	58.8
	Spokane	31.1	39.0	46.2	57.0	66.5	73.6	84.3	81.9	72.5	58.1	41.8	33.9	57.2
W. Va	Charleston	43.6	46.2	55.2	67.9	76.6	83.4	85.6	84.4	79.0	69.1	55.8	45.2	66.0
Wis	Milwaukee	27.3	30.3	39.4	54.6	65.0	75.3	80.4	79.7	71.5	61.4	44.4	31.5	55.1
Wyo	Cheyenne	38.2	40.7	43.5	55.4	65.1	74.4	83.7	81.9	72.8	61.8	47.5	40.3	58.8
P.R	San Juan	81.9	82.1	83.6	84.4	85.6	87.0	87.0	87.5	87.6	87.4	85.0	83.1	85.2

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 384. Normal Daily Minimum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	41.3	43.9	49.2	57.7	64.5	70.7	72.6	72.3	68.4	58.0	47.5	42.8	57.4
Alaska	Juneau	17.8	22.1	25.6	31.3	38.2	44.4	47.7	46.2	42.3	36.4	27.6	22.5	33.5
Ariz	Phoenix	37.6	40.8	44.8	51.8	59.6	67.7	77.5	76.0	69.1	56.8	44.8	38.5	55.4
Ark	Little Rock	28.9	31.9	38.7	49.9	58.1	66.8	70.1	68.6	60.8	48.7	38.1	31.1	49.3
Calif	Los Angeles	45.4	47.0	48.6	51.7	55.3	58.6	62.1	63.2	61.6	57.5	51.3	47.3	54.1
	Sacramento	37.1	40.4	41.9	45.3	49.8	54.6	57.5	56.9	55.3	49.5	42.4	38.3	47.4
	San Francisco	41.2	43.8	44.9	47.0	49.9	53.0	54.0	54.3	54.5	51.6	47.2	42.9	48.7
Colo	Denver	16.2	19.4	23.8	33.9	43.6	51.9	58.6	57.4	47.8	37.2	25.4	18.9	36.2
Conn	Hartford	16.1	17.9	26.6	36.5	46.2	56.0	61.2	58.9	51.0	40.8	31.9	19.6	38.6
Del	Wilmington	23.8	24.9	32.0	41.5	51.6	61.1	66.1	64.3	57.6	46.5	36.2	26.3	44.3
D.C.	Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.8	29.5	47.8
Fla	Jacksonville	44.5	45.7	50.1	57.1	63.9	70.0	72.0	72.3	70.4	61.7	51.0	45.1	58.7
	Miami	58.7	59.0	63.0	67.3	70.7	73.9	75.5	75.8	75.0	71.0	64.5	60.0	67.9
Ga	Atlanta	33.4	35.5	41.1	50.7	59.2	66.6	69.4	68.6	63.4	52.3	40.8	34.3	51.3
Hawaii	Honolulu	65.3	65.3	66.3	68.1	70.2	72.2	73.4	74.0	73.4	72.0	69.8	67.1	69.8
Idaho	Boise	21.4	27.2	30.5	36.5	44.1	51.2	58.5	56.7	48.5	39.4	30.7	25.0	39.1
Ill	Chicago	14.7	17.8	26.7	38.2	47.0	57.0	60.7	59.9	52.0	42.0	30.1	19.2	38.8
	Peoria	15.7	19.3	28.1	40.8	50.7	60.9	64.6	62.9	54.6	44.0	31.1	20.3	41.1
Ind	Indianapolis	19.7	22.1	30.3	41.8	51.5	61.1	64.6	62.4	54.9	44.3	32.8	23.1	42.4
Iowa	Des Moines	11.3	15.8	25.2	39.2	50.9	61.1	65.3	63.4	54.0	43.6	29.2	17.2	39.7
Kans	Wichita	21.2	25.4	32.1	45.1	55.0	65.0	69.6	68.3	59.2	47.9	33.8	24.6	45.6
Ky	Louisville	24.5	26.5	34.0	44.8	53.9	62.9	66.4	64.9	57.7	45.9	35.1	27.1	45.3
La	New Orleans	43.5	46.0	50.9	58.8	65.3	71.2	73.3	73.1	69.7	59.6	49.8	45.3	58.9
Maine	Portland	11.7	12.5	22.8	32.5	41.7	51.1	56.9	55.2	47.4	38.0	29.7	16.4	34.7
Md	Baltimore	24.9	25.7	32.5	42.4	52.5	61.6	66.5	64.7	57.9	46.4	36.0	26.6	44.8
Mass	Boston	22.5	23.3	31.5	40.8	50.1	59.3	65.1	63.3	56.7	47.5	38.7	26.6	43.8
Mich	Detroit	19.2	20.1	27.6	38.6	48.3	59.1	63.4	62.1	54.8	45.2	34.4	23.8	41.4
	Sault Ste. Marie	6.4	6.7	15.5	29.2	38.5	47.3	52.5	52.9	46.1	37.6	26.5	13.3	31.0
Minn	Duluth	−.6	2.0	14.4	29.3	38.8	48.3	54.7	53.7	44.8	36.2	21.4	6.3	29.1
	Minneapolis-St. Paul.	3.2	7.1	19.6	34.7	46.3	56.7	61.4	59.6	49.3	39.2	24.2	10.6	34.3
Miss	Jackson	35.8	37.8	43.4	53.1	60.4	67.7	70.6	69.8	64.0	51.5	42.0	37.3	52.8
Mo	Kansas City	19.3	24.2	31.8	45.1	55.7	65.2	69.6	68.1	58.8	48.3	34.5	24.1	45.3
	St. Louis	22.6	26.0	33.5	46.0	55.5	64.8	68.8	67.1	59.1	48.4	35.9	26.5	46.2
Mont	Great Falls	11.6	17.2	20.6	32.3	41.5	49.5	54.9	53.0	44.6	37.1	25.7	18.2	33.8
Nebr	Omaha	12.4	17.4	26.4	40.1	51.5	61.3	65.8	64.0	54.0	42.6	29.1	18.1	40.2
Nev	Reno	18.3	23.0	24.6	29.6	37.0	42.5	47.4	44.8	38.6	30.5	23.9	19.6	31.7
N.H	Concord	9.9	11.3	22.1	31.7	41.5	51.6	56.7	54.2	46.5	36.3	28.1	14.9	33.7
N.J	Atlantic City	24.0	24.9	31.5	41.0	50.7	59.7	65.4	63.8	56.8	45.9	36.1	26.0	43.8
N. Mex	Albuquerque	23.5	27.4	32.3	41.4	50.7	59.7	65.2	63.4	56.7	44.7	31.8	24.9	43.5
N.Y	Albany	12.5	14.3	24.2	35.7	45.7	55.6	60.1	57.8	50.1	40.0	31.1	17.7	37.1
	Buffalo	17.6	17.7	25.2	36.4	45.9	56.3	60.7	59.1	52.3	42.7	33.5	22.2	39.1
	New York [1]	25.9	26.5	33.7	43.5	53.1	62.6	68.0	66.4	59.9	50.6	40.8	29.5	46.7
N.C	Charlotte	32.1	33.1	39.0	48.9	57.4	65.3	68.7	67.9	61.9	50.3	39.6	32.4	49.7
	Raleigh	30.0	31.1	37.4	46.7	55.4	63.1	67.2	66.2	59.7	48.0	37.8	30.5	47.8
N. Dak	Bismarck	−2.8	2.4	14.7	31.1	41.7	51.8	57.3	54.9	43.7	33.2	18.3	5.2	29.3
Ohio	Cincinnati	22.4	23.8	31.6	42.7	51.9	61.0	64.6	63.0	55.9	45.0	34.3	25.3	43.5
	Cleveland	20.3	20.8	28.1	38.5	48.1	57.5	61.2	59.6	53.5	43.9	34.4	24.1	40.8
	Columbus	20.4	21.4	29.1	39.5	49.3	58.9	62.4	60.1	52.7	42.0	32.4	22.7	40.9
Okla	Oklahoma City	26.0	30.0	36.5	49.1	57.9	66.6	70.4	69.6	61.3	50.6	37.4	29.2	48.7
Oreg	Portland	32.5	35.5	37.0	40.8	46.3	51.8	55.2	55.0	50.5	44.7	38.5	35.3	43.6
Pa	Philadelphia	24.4	25.5	32.5	42.3	52.3	61.6	66.7	64.7	57.8	46.9	36.9	27.2	44.9
	Pittsburgh	20.8	21.3	29.0	39.4	48.7	57.7	61.3	59.4	52.7	42.4	33.3	23.6	40.8
R.I	Providence	20.6	21.2	29.0	37.8	46.9	56.5	63.0	61.0	53.6	43.4	34.6	23.4	40.9
S.C	Columbia	33.9	35.5	41.9	51.3	59.6	67.2	70.3	69.4	63.5	51.3	40.6	34.1	51.5
S. Dak	Sioux Falls	3.7	9.0	20.2	34.4	45.7	56.3	61.5	59.8	48.7	37.6	22.7	10.4	34.2
Tenn	Memphis	31.6	34.4	41.1	52.3	60.6	68.5	71.5	70.1	62.8	51.1	40.3	33.7	51.5
	Nashville	29.0	31.0	38.1	48.8	57.3	65.7	69.0	67.7	60.5	48.6	37.7	31.1	48.7
Tex	Dallas-Fort Worth	33.9	37.6	43.3	54.1	62.1	70.3	74.0	73.7	66.8	56.0	44.1	37.0	54.4
	El Paso	30.2	34.3	40.3	49.3	57.2	65.7	69.9	68.2	61.0	49.5	37.0	30.9	49.5
	Houston	41.5	44.6	49.8	59.3	65.6	70.9	72.8	72.4	68.2	58.3	49.1	43.4	58.0
Utah	Salt Lake City	18.5	23.3	28.3	36.6	44.2	51.1	60.5	58.7	49.3	38.4	28.1	21.5	38.2
Vt	Burlington	7.6	8.9	20.1	32.6	43.5	53.9	58.5	56.4	48.6	38.8	29.7	14.8	34.5
Va	Norfolk	32.2	32.7	38.9	47.9	57.2	65.5	69.9	68.9	63.9	53.3	42.6	34.0	50.6
	Richmond	27.6	28.8	35.5	45.2	54.5	62.9	67.5	66.9	59.0	47.4	37.3	28.8	46.7
Wash	Seattle-Tacoma	33.0	36.0	36.6	40.3	45.6	50.6	53.8	53.7	50.4	44.9	38.8	35.5	43.3
	Spokane	19.6	25.3	28.8	35.2	42.8	49.4	55.1	54.0	46.7	37.5	29.2	24.0	37.3
W. Va	Charleston	25.3	26.8	33.8	43.8	52.3	60.6	64.3	62.8	55.9	44.8	35.0	27.2	44.4
Wis	Milwaukee	11.4	14.6	23.4	34.7	43.3	53.6	59.3	58.7	50.7	40.6	28.5	16.8	36.3
Wyo	Cheyenne	14.9	17.3	19.6	30.0	39.7	48.1	54.5	53.2	43.5	33.9	23.5	18.1	33.0
P.R	San Juan	68.8	68.4	68.9	70.6	72.8	74.0	74.8	75.1	74.6	73.7	72.3	70.5	72.0

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No.81.

NO. 385. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	37	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska	Juneau	35	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz	Phoenix	41	88	89	95	104	113	117	118	116	118	104	93	88	118
Ark	Little Rock	37	83	83	91	92	98	104	107	108	106	97	86	80	108
Calif	Los Angeles	43	88	92	93	95	97	100	97	98	110	106	101	94	110
	Sacramento	26	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco	51	72	78	85	88	96	106	104	98	103	95	85	75	106
Colo	Denver	44	72	76	84	85	96	104	104	101	97	88	79	74	104
Conn	Hartford	24	65	70	87	96	96	100	102	101	96	91	81	65	102
Del	Wilmington	31	75	74	80	91	95	99	102	101	100	91	85	72	102
D.C	Washington	37	79	82	89	95	97	101	103	100	100	94	86	75	103
Fla	Jacksonville	37	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	36	87	89	92	96	94	98	96	98	95	92	89	87	98
Ga	Atlanta	30	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii	Honolulu	9	87	87	88	89	89	90	90	92	92	91	89	89	92
Idaho	Boise	39	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill	Chicago	20	61	71	80	87	93	97	98	96	99	91	78	67	99
	Peoria	39	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind	Indianapolis	39	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa	Des Moines	39	62	73	84	90	98	101	105	102	101	95	76	69	105
Kans	Wichita	26	75	84	89	96	100	106	113	110	105	95	81	83	113
Ky	Louisville	31	77	77	85	91	95	102	105	101	104	92	84	73	105
La	New Orleans	32	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine	Portland	38	64	64	86	85	92	97	99	103	95	88	74	62	103
Md	Baltimore	28	75	76	85	94	98	100	102	102	99	92	83	74	102
Mass	Boston	27	63	68	81	94	93	100	102	102	100	90	77	70	102
Mich	Detroit	44	67	68	82	87	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	38	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn	Duluth	37	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	40	58	59	83	92	96	100	104	102	98	89	75	63	104
Miss	Jackson	15	82	84	88	92	99	103	102	99	98	91	88	84	103
Mo	Kansas City	6	61	74	82	85	91	98	107	104	98	92	82	67	107
	St. Louis	21	76	85	88	92	92	98	106	105	100	94	82	76	106
Mont	Great Falls	41	62	67	78	87	90	99	105	106	98	91	76	69	106
Nebr	Omaha	43	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev	Reno	37	70	74	83	88	95	101	104	103	101	91	77	70	104
N.H	Concord	37	68	66	85	95	97	98	102	101	98	90	80	63	102
N.J	Atlantic City	35	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex	Albuquerque	39	69	75	85	89	95	105	104	100	98	89	77	72	105
N.Y	Albany	32	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo	35	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York [1]	110	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C	Charlotte	39	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	34	79	84	92	93	97	104	105	101	104	98	88	79	105
N. Dak	Bismarck	39	54	68	81	92	98	100	109	109	105	95	75	62	109
Ohio	Cincinnati	17	69	73	82	89	93	97	100	102	98	88	80	70	102
	Cleveland	37	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus	39	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla	Oklahoma City	25	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg	Portland	38	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa	Philadelphia	37	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	26	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I	Providence	25	66	69	78	98	94	95	100	104	93	85	78	69	104
S.C	Columbia	31	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak	Sioux Falls	33	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn	Memphis	37	78	81	85	91	99	104	106	105	103	95	85	79	106
	Nashville	39	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex	Dallas-Fort Worth	25	88	88	96	95	98	105	109	108	105	98	89	88	109
	El Paso	39	80	83	88	98	104	111	109	105	103	96	84	80	111
	Houston	9	84	84	90	89	95	101	102	101	97	93	89	83	102
Utah	Salt Lake City	50	61	69	78	85	93	104	107	103	98	89	75	67	107
Vt	Burlington	35	63	60	84	91	93	96	99	101	94	85	75	62	101
Va	Norfolk	30	78	81	85	97	97	101	103	102	98	95	86	80	103
	Richmond	49	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash	Seattle-Tacoma	34	61	70	72	85	93	96	97	99	93	81	74	61	99
	Spokane	31	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va	Charleston	31	79	78	87	91	93	93	102	100	102	92	85	80	102
Wis	Milwaukee	38	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo	Cheyenne	43	63	71	73	82	90	100	100	96	93	83	73	69	100
P.R	San Juan	24	90	92	93	94	94	96	93	96	95	95	93	90	96

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 386. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	37	8	11	11	36	43	56	60	59	42	32	22	10	8
Alaska	Juneau	35	−22	−22	−15	6	25	31	36	27	23	12	−5	−21	−22
Ariz	Phoenix	41	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark	Little Rock	37	−4	−5	11	28	40	46	54	52	37	31	17	−1	−5
Calif	Los Angeles	43	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	28	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	51	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo	Denver	44	−25	−30	−11	−2	22	30	43	41	20	3	−8	−18	−30
Conn	Hartford	24	−26	−21	−6	9	28	37	44	36	30	17	12	−9	−26
Del	Wilmington	31	−4	−4	7	22	30	41	50	46	36	24	14	3	−4
D.C	Washington	37	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla	Jacksonville	37	19	19	25	35	45	56	61	64	50	36	21	12	12
	Miami	36	31	32	37	46	53	65	69	68	69	51	39	34	31
Ga	Atlanta	30	−3	5	10	26	37	46	53	56	36	28	3	1	−3
Hawaii	Honolulu	9	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho	Boise	39	−17	−10	6	19	26	33	41	37	23	11	−3	−23	−23
Ill	Chicago	20	−20	−17	−8	13	24	36	40	41	28	19	1	−17	−20
	Peoria	39	−25	−16	−10	17	25	39	47	43	26	19	−2	−18	−25
Ind	Indianapolis	39	−20	−19	−6	16	28	39	44	41	28	17	−2	−15	−20
Iowa	Des Moines	39	−24	−20	−22	9	30	38	47	40	26	14	−3	−16	−24
Kans	Wichita	26	−12	−6	−2	15	31	43	51	48	35	21	1	−5	−12
Ky	Louisville	31	−20	−19	−1	24	31	42	50	49	33	23	−1	−9	−20
La	New Orleans	32	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine	Portland	38	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
Md	Baltimore	28	−7	−1	6	20	32	40	52	48	35	25	13	0	−7
Mass	Boston	27	−12	−4	−6	17	34	46	54	47	38	28	17	−4	−12
Mich	Detroit	44	−13	−16	−1	14	30	38	42	43	32	24	5	−5	−16
	Sault Ste. Marie	38	−30	−28	−24	1	18	28	36	32	25	16	−10	−24	−30
Minn	Duluth	37	−39	−32	−28	−5	17	27	36	33	22	8	−23	−33	−39
	Minneapolis-St. Paul	40	−34	−28	−32	2	18	34	43	39	26	15	−17	−24	−34
Miss	Jackson	15	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo	Kansas City	6	−13	−5	−10	12	30	49	52	50	39	21	1	−11	−13
	St. Louis	21	−14	−8	−5	22	31	43	51	47	36	23	1	−10	−14
Mont	Great Falls	41	−37	−35	−29	−6	15	31	40	35	23	−3	−23	−43	−43
Nebr	Omaha	43	−22	−19	−16	5	27	39	44	43	30	13	−9	−15	−22
Nev	Reno	37	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
N.H	Concord	37	−30	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
N.J	Atlantic City	35	−10	−7	7	12	25	37	46	40	32	23	11	−7	−10
N. Mex	Albuquerque	39	−17	−5	8	19	28	42	54	52	37	25	−7	3	−17
N.Y	Albany	32	−28	−21	−21	10	26	36	40	37	24	16	5	−22	−28
	Buffalo	35	−12	−20	−4	12	26	35	43	38	32	20	9	−4	−20
	New York [1]	110	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
N.C	Charlotte	39	−3	5	10	24	32	45	53	53	39	24	11	2	−3
	Raleigh	34	−1	5	11	23	31	38	48	46	39	19	11	4	−1
N. Dak	Bismarck	39	−44	−37	−31	−12	15	30	35	33	11	5	−29	−43	−44
Ohio	Cincinnati	17	−25	−10	−4	17	27	39	47	43	33	16	1	−11	−25
	Cleveland	37	−19	−15	−5	10	25	31	41	41	32	22	3	−11	−19
	Columbus	39	−19	−13	−2	18	25	35	43	39	31	20	5	−10	−19
Okla	Oklahoma City	25	−4	−1	3	20	39	47	53	51	37	22	11	1	−4
Oreg	Portland	38	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
Pa	Philadelphia	37	−5	−4	7	24	28	44	51	45	35	25	15	1	−5
	Pittsburgh	26	−18	−9	−1	15	26	34	42	40	31	16	−1	−7	−18
R.I	Providence	25	−13	−6	1	14	29	41	49	40	34	20	14	−5	−13
S.C	Columbia	31	5	5	18	29	34	45	54	53	40	23	12	4	4
S. Dak	Sioux Falls	33	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
Tenn	Memphis	37	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	39	−15	−13	5	24	34	42	51	47	36	26	−1	−7	−15
Tex	Dallas-Ft. Worth	25	4	9	17	30	41	51	59	56	46	29	20	10	4
	El Paso	39	−8	8	14	24	31	50	59	56	41	25	1	5	−8
	Houston	9	18	22	25	31	44	52	62	62	48	33	19	20	18
Utah	Salt Lake City	50	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
Vt	Burlington	35	−30	−26	−20	2	24	33	39	35	25	15	−2	−23	−30
Va	Norfolk	30	5	8	20	28	36	45	54	52	45	27	20	14	5
	Richmond	49	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
Wash	Seattle-Tacoma	34	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	31	−19	−12	−3	17	24	34	38	35	25	13	−11	−25	−25
W. Va	Charleston	31	−12	−6	7	19	26	33	46	41	34	17	6	−2	−12
Wis	Milwaukee	38	−24	−19	−10	13	21	33	40	44	28	21	−5	−15	−24
Wyo	Cheyenne	43	−27	−34	−21	−8	16	25	38	36	18	2	−13	−24	−34
P.R	San Juan	24	61	62	60	64	66	69	69	70	69	67	66	63	60

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 387. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	4.71	4.76	7.07	5.59	4.52	6.09	8.86	6.93	6.59	2.55	3.39	5.92	66.98
Alaska	*Juneau*	3.94	3.44	3.57	2.99	3.31	2.93	4.69	5.00	6.90	7.85	5.53	4.52	54.67
Ariz	Phoenix	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Ark	Little Rock	4.24	4.42	4.93	5.25	5.30	3.50	3.38	3.01	3.55	2.99	3.86	4.09	48.52
Calif	Los Angeles	2.52	2.32	1.71	1.10	.08	.03	.01	.02	.07	.22	1.76	2.39	12.23
	Sacramento	3.73	2.68	2.17	1.54	.51	.10	.01	.05	.19	.99	2.13	3.12	17.22
	San Francisco	4.37	3.04	2.54	1.59	.41	.13	.01	.03	.16	.98	2.29	3.98	19.53
Colo	Denver	.61	.67	1.21	1.93	2.64	1.93	1.78	1.29	1.13	1.13	.76	.43	15.51
Conn	Hartford	3.28	3.17	3.82	3.75	3.50	3.53	3.41	3.94	3.55	3.03	4.33	4.06	43.37
Del	Wilmington	2.85	2.75	3.74	3.20	3.35	3.24	4.31	3.98	3.42	2.60	3.49	3.32	40.25
D.C.	Washington	2.62	2.45	3.33	2.86	3.68	3.48	4.12	4.67	3.08	2.66	2.90	3.04	38.89
Fla	Jacksonville	2.78	3.58	3.56	3.07	3.22	6.27	7.35	7.89	7.83	4.54	1.79	2.59	54.47
	Miami	2.15	1.95	2.07	3.60	6.12	9.00	6.91	6.72	8.74	8.18	2.72	1.64	59.80
Ga	Atlanta	4.34	4.41	5.84	4.61	3.71	3.67	4.90	3.54	3.15	2.50	3.43	4.24	48.34
Hawaii	Honolulu	4.40	2.46	3.18	1.36	.96	.32	.60	.76	.67	1.51	2.99	3.69	22.90
Idaho	Boise	1.47	1.16	1.01	1.14	1.32	1.06	.15	.30	.41	.80	1.32	1.36	11.50
Ill	Chicago	1.70	1.30	2.52	3.38	3.41	4.15	3.46	2.73	3.01	2.32	2.10	1.64	31.72
	Peoria	1.82	1.50	2.80	4.36	3.87	3.91	3.76	3.07	3.55	2.51	2.02	1.89	35.06
Ind	Indianapolis	2.86	2.36	3.75	3.87	4.08	4.16	3.67	2.80	2.87	2.51	3.10	2.71	38.74
Iowa	Des Moines	1.14	1.05	2.31	2.94	4.21	4.90	3.28	3.30	3.07	2.14	1.42	1.09	30.85
Kans	*Wichita*	.85	.98	1.78	2.95	3.60	4.49	4.35	3.10	3.69	2.50	1.17	1.12	30.58
Ky	Louisville	3.53	3.47	5.05	4.10	4.20	4.05	3.76	2.99	2.94	2.35	3.33	3.34	43.11
La	New Orleans	4.53	4.82	5.49	4.15	4.20	4.74	6.72	5.27	5.58	2.26	3.88	5.13	56.77
Maine	Portland	3.38	3.52	3.60	3.34	3.33	3.10	2.61	2.60	3.09	3.31	4.86	4.06	40.80
Md	Baltimore	2.91	2.81	3.69	3.07	3.61	3.77	4.07	4.21	3.12	2.81	3.13	3.26	40.46
Mass	Boston	3.69	3.54	4.01	3.49	3.47	3.19	2.74	3.46	3.16	3.02	4.51	4.24	42.52
Mich	Detroit	1.93	1.80	2.33	3.08	3.43	3.04	2.99	3.04	2.30	2.52	2.31	2.19	30.96
	Sault Ste. Marie	1.92	1.48	1.74	2.22	3.01	3.31	2.60	3.10	3.85	2.85	3.26	2.36	31.70
Minn	Duluth	1.16	.85	1.76	2.55	3.41	4.44	3.73	3.79	3.06	2.30	1.73	1.40	30.18
	Minneapolis-St. Paul	.73	.84	1.68	2.04	3.37	3.94	3.69	3.05	2.73	1.78	1.20	.89	25.94
Miss	Jackson	4.53	4.62	5.63	4.65	4.38	3.40	4.27	3.59	2.99	2.22	3.87	5.04	49.19
Mo	Kansas City	1.25	1.25	2.55	3.50	4.28	5.55	4.37	3.81	4.21	3.24	1.47	1.52	37.00
	St. Louis	1.85	2.06	3.03	3.92	3.86	4.42	3.69	2.87	2.89	2.79	2.47	2.04	35.89
Mont	Great Falls	.88	.75	.97	1.18	2.37	3.11	1.27	1.09	1.17	.68	.81	.71	14.99
Nebr	Omaha	.76	.98	1.59	2.97	4.11	4.94	3.71	3.97	3.27	1.93	1.11	.84	30.18
Nev	Reno	1.21	.86	.70	.47	.66	.40	.26	.22	.23	.42	.68	1.09	7.20
N.H	Concord	2.67	2.45	2.77	2.92	3.02	3.35	3.14	2.89	3.06	2.68	3.96	3.26	36.17
N.J	Atlantic City	3.56	3.37	4.31	3.37	3.54	3.38	4.36	4.90	2.99	3.46	4.21	4.01	45.46
N. Mex	*Albuquerque*	.30	.39	.47	.48	.53	.50	1.39	1.34	.77	.79	.29	.52	7.77
N.Y	Albany	2.20	2.11	2.58	2.70	3.26	3.00	3.12	2.87	3.12	2.63	2.84	2.93	33.36
	Buffalo	2.90	2.55	2.85	3.15	2.97	2.23	2.93	3.53	3.25	3.01	3.74	3.00	36.11
	New York [1]	2.71	2.92	3.73	3.30	3.47	2.96	3.68	4.01	3.27	2.85	3.76	3.53	40.19
N.C	Charlotte	3.51	3.83	4.52	3.40	2.90	3.70	4.57	3.96	3.46	2.69	2.74	3.44	42.72
	Raleigh	3.22	3.32	3.44	3.07	3.32	3.67	5.08	4.93	3.78	2.81	2.82	3.08	42.54
N. Dak	Bismarck	.51	.44	.73	1.44	2.17	3.58	2.20	1.96	1.32	.80	.56	.45	16.16
Ohio	Cincinnati	3.34	3.04	4.09	3.64	3.74	3.81	4.12	2.62	2.55	2.15	3.08	2.86	39.04
	Cleveland	2.56	2.18	3.05	3.49	3.49	3.28	3.45	3.00	2.80	2.57	2.76	2.36	34.99
	Columbus	2.87	2.32	3.44	3.71	4.10	4.13	4.21	2.86	2.41	1.89	2.68	2.39	37.01
Okla	Oklahoma City	1.11	1.32	2.05	3.47	5.20	4.22	2.66	2.56	3.55	2.57	1.40	1.26	31.37
Oreg	Portland	5.88	4.06	3.64	2.22	2.09	1.59	.47	.82	1.60	3.59	5.61	6.04	37.61
Pa	*Philadelphia*	2.81	2.62	3.69	3.29	3.35	3.70	4.09	4.11	3.03	2.53	3.39	3.32	39.93
	Pittsburgh	2.79	2.35	3.60	3.40	3.63	3.48	3.84	3.15	2.52	2.52	2.47	2.48	36.23
R.I	Providence	3.52	3.45	3.99	3.72	3.49	2.65	2.85	3.90	3.26	3.27	4.52	4.13	42.75
S.C	Columbia	3.44	3.67	4.67	3.51	3.35	3.82	5.65	5.63	4.32	2.58	2.34	3.38	46.36
S. Dak	Sioux Falls	.57	1.04	1.40	2.30	3.37	4.32	2.94	2.84	2.85	1.50	.85	.74	24.72
Tenn	Memphis	4.93	4.73	5.10	5.42	4.39	3.46	3.53	3.33	3.01	2.58	3.92	4.70	49.10
	Nashville	4.75	4.43	5.00	4.11	4.10	3.38	3.83	3.24	3.09	2.16	3.46	4.45	46.00
Tex	Dallas-Fort Worth	1.80	2.36	2.54	4.30	4.47	3.05	1.84	2.26	3.15	2.68	2.03	1.82	32.30
	El Paso	.39	.42	.39	.24	.32	.60	1.53	1.12	1.16	.78	.32	.50	7.77
	Houston	3.57	3.54	2.68	3.54	5.10	4.52	4.12	4.35	4.65	4.05	4.03	4.04	48.19
Utah	Salt Lake city	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Vt	Burlington	1.74	1.68	1.93	2.62	3.01	3.46	3.54	3.72	3.05	2.74	2.86	2.19	32.54
Va	Norfolk	3.35	3.31	3.42	2.71	3.34	3.62	5.70	5.92	4.20	3.06	2.94	3.11	44.68
	Richmond	2.86	3.01	3.38	2.77	3.42	3.52	5.63	5.06	3.58	2.94	3.20	3.22	42.59
Wash	Seattle-Tacoma	5.79	4.19	3.61	2.46	1.70	1.53	.71	1.08	1.99	3.91	5.88	5.94	38.79
	Spokane	2.47	1.68	1.53	1.12	1.46	1.36	.40	.58	.83	1.42	2.20	2.37	17.42
W. Va	Charleston	3.39	3.11	4.03	3.33	3.48	3.31	5.04	3.68	2.94	2.45	2.81	3.18	40.75
Wis	Milwaukee	1.63	1.13	2.24	2.76	2.88	3.58	3.41	2.68	3.02	1.98	2.01	1.75	29.07
Wyo	Cheyenne	.46	.46	1.05	1.57	2.52	2.41	1.82	1.45	1.03	.95	.58	.35	14.65
P.R	San Juan	3.73	2.50	2.04	3.40	6.54	5.64	6.41	6.98	6.07	5.64	5.49	4.71	59.15

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

NO. 388. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1978]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	37	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska	Juneau	35	18	17	18	17	17	16	17	18	20	24	19	21	222
Ariz	Phoenix	39	4	4	3	2	1	1	4	5	3	3	2	4	36
Ark	Little Rock	36	10	9	10	10	10	8	9	7	7	6	8	9	103
Calif	Los Angeles	43	6	6	5	3	1	1	1	(Z)	1	2	3	5	34
	Sacramento	39	10	9	8	6	3	1	(Z)	(Z)	1	3	7	9	57
	San Francisco	51	11	10	9	6	3	1	(Z)	1	1	4	7	10	63
Colo	Denver	44	6	6	8	9	10	9	9	8	6	5	5	5	86
Conn	Hartford	24	11	11	11	11	12	12	10	10	10	8	11	12	129
Del	Wilmington	31	11	9	11	11	12	9	9	9	8	7	10	10	116
D.C	Washington	37	11	8	11	10	11	9	10	9	8	7	8	9	111
Fla	Jacksonville	37	8	8	8	6	8	12	15	15	13	9	6	8	116
	Miami	36	7	6	6	6	11	15	16	17	17	15	8	7	131
Ga	Atlanta	44	11	10	12	9	9	10	12	9	7	6	8	10	113
Hawaii	Honolulu	29	10	9	9	7	6	8	7	7	9	10	10	10	101
Idaho	Boise	39	12	10	9	8	8	6	2	3	4	6	10	11	89
Ill	Chicago	20	11	10	13	12	11	10	10	8	10	9	10	11	125
	Peoria	39	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind	Indianapolis	39	12	10	13	12	12	10	9	8	8	8	10	12	124
Iowa	Des Moines	39	7	7	10	10	11	11	9	9	9	7	7	8	105
Kans	Wichita	25	5	5	7	8	11	9	8	7	8	6	5	6	85
Ky	Louisville	31	12	11	13	12	11	10	11	8	8	7	10	11	124
La	New Orleans	30	10	9	9	7	7	10	15	13	10	5	7	10	112
Maine	Portland	38	11	10	11	12	12	12	9	9	8	9	12	11	126
Md	Baltimore	28	10	9	11	11	11	9	9	10	7	7	9	9	112
Mass	Boston	27	12	11	12	11	11	11	9	10	9	9	11	12	128
Mich	Detroit	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie	37	19	15	13	11	11	12	10	11	14	13	17	19	165
Minn	Duluth	37	12	10	11	11	13	13	11	11	11	9	11	12	135
	Minneapolis-St. Paul	40	9	7	10	10	11	12	10	10	9	8	8	9	114
Miss	Jackson	15	12	8	11	9	9	8	11	10	9	5	9	10	111
Mo	Kansas City	6	9	6	11	11	11	9	6	9	9	7	7	7	102
	St. Louis	21	8	8	11	11	11	9	9	8	8	8	9	10	110
Mont	Great Falls	41	9	8	9	9	11	12	7	7	7	6	7	8	100
Nebr	Omaha	43	7	7	9	10	12	10	9	9	8	6	5	6	98
Nev	Reno	36	6	6	6	4	5	3	3	2	2	3	5	6	51
N.H	Concord	37	11	10	11	11	12	11	10	10	9	8	11	11	125
N.J	Atlantic City	35	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex	Albuquerque	39	4	4	4	3	4	4	9	9	6	5	3	4	59
N.Y	Albany	32	13	11	12	12	13	11	11	10	10	9	12	13	137
	Buffalo	35	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York [1]	110	11	10	12	11	11	10	10	10	8	8	9	10	120
N.C	Charlotte	39	10	10	12	9	9	10	11	10	7	7	7	10	112
	Raleigh	34	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak	Bismarck	39	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio	Cincinnati	31	12	11	13	12	12	11	10	9	8	8	11	12	129
	Cleveland	37	16	15	16	14	13	11	10	9	10	11	15	16	156
	Columbus	39	13	11	14	13	13	11	11	9	9	8	11	13	136
Okla	Oklahoma City	39	5	7	7	8	10	9	7	6	7	6	5	5	82
Oreg	Portland	38	19	16	17	14	12	9	4	5	8	13	18	19	154
Pa	Philadelphia	38	11	9	11	10	11	10	9	9	8	7	9	10	114
	Pittsburgh	26	17	14	16	13	12	11	11	10	9	10	13	17	153
R.I	Providence	25	11	10	12	11	11	11	9	10	8	8	11	12	124
S.C	Columbia	31	10	10	11	8	9	10	12	11	8	6	7	9	111
S. Dak	Sioux Falls	33	6	6	8	9	10	11	9	9	8	6	6	6	94
Tenn	Memphis	28	10	9	11	10	9	8	9	8	7	6	8	10	105
	Nashville	37	11	11	12	11	11	10	10	9	8	7	9	11	120
Tex	Dallas-Fort Worth	25	7	6	7	9	8	6	5	5	7	5	6	6	77
	El Paso	39	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	9	11	7	10	7	8	7	10	11	11	8	9	9	108
Utah	Salt Lake City	50	10	9	10	10	8	6	4	5	5	6	7	9	89
Vt	Burlington	35	14	12	13	12	13	12	12	12	12	11	14	15	152
Va	Norfolk	30	10	10	11	10	10	9	11	11	8	8	8	9	115
	Richmond	41	10	9	11	9	11	10	11	10	8	7	8	9	113
Wash	Seattle-Tacoma	34	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane	31	15	11	11	9	9	8	4	5	6	8	12	16	114
W. Va	Charleston	31	15	14	15	14	13	11	13	11	9	9	12	14	150
Wis	Milwaukee	38	11	9	12	12	12	11	10	9	9	9	10	11	125
Wyo	Cheyenne	43	6	6	9	10	12	11	11	9	7	5	6	5	97
P.R	San Juan	23	17	13	12	13	17	17	19	19	18	18	18	19	200

Z Less than ½ day. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 389. Average Total Snow and Ice Pellets—Selected Cities

[In inches. Airport data, except as noted. For period of record through 1978. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	37	.2	.2	T	–	–	–	–	–	–	–	T	.1	.5
Alaska	Juneau	35	25.0	20.6	18.5	4.6	.1	T	–	–	T	1.3	12.2	24.1	106.4
Ariz.	Phoenix	41	T	T	T	T	–	–	–	–	–	–	–	T	T
Ark.	Little Rock	36	2.4	1.3	.6	T	–	–	–	–	–	–	.2	.9	5.4
Calif.	Los Angeles	43	T	T	–	–	–	–	–	–	–	–	–	T	T
	Sacramento	30	T	.1	–	–	–	–	–	–	–	–	–	T	.1
	San Francisco	51	T	T	T	–	–	–	–	–	–	–	–	T	T
Colo.	Denver	44	7.9	7.7	12.6	9.4	1.8	T	–	–	1.7	3.8	7.7	6.4	59.0
Conn.	Hartford	24	12.9	12.9	12.2	1.5	.1	–	–	–	–	T	1.8	12.7	54.1
Del.	Wilmington	31	6.0	5.9	3.9	.1	T	–	–	–	–	T	1.1	3.8	20.8
D.C.	Washington	35	4.9	4.8	2.5	T	T	–	–	–	–	T	.8	3.6	16.6
Fla.	Jacksonville	37	T	T	T	–	–	–	–	–	–	–	–	T	T
	Miami	36	–	–	–	–	–	–	–	–	–	–	–	–	–
Ga.	Atlanta	44	.7	.4	.2	T	–	–	–	–	–	T	.2	1.5	
Hawaii	Honolulu	32	–	–	–	–	–	–	–	–	–	–	–	–	–
Idaho	Boise	39	7.4	3.9	2.0	.8	.1	T	T	–	–	.1	1.7	5.3	21.3
Ill.	Chicago	20	10.2	7.5	7.5	1.8	.1	–	–	–	T	.4	2.0	9.8	39.3
	Peoria	35	6.0	4.7	4.6	.6	T	–	–	–	–	.1	2.4	6.2	24.6
Ind.	Indianapolis	47	5.8	4.9	3.8	.5	T	–	–	–	–	T	2.1	4.9	22.0
Iowa	Des Moines	39	8.3	7.3	6.9	1.5	T	–	–	–	T	.1	2.7	6.6	33.4
Kans.	Wichita	25	4.4	4.0	2.9	.2	–	–	–	–	–	T	1.0	3.1	15.6
Ky.	Louisville	31	6.1	4.2	4.0	.2	–	–	–	–	–	T	1.5	2.3	18.3
La.	New Orleans	32	T	.1	T	–	–	–	–	–	–	–	T	.1	.2
Maine	Portland	38	18.5	19.3	13.8	3.0	.2	–	–	–	T	.3	3.3	16.1	74.5
Md.	Baltimore	28	5.3	6.1	4.8	.1	T	–	–	–	–	T	1.2	4.2	21.7
Mass.	Boston	43	12.8	12.2	8.2	.7	T	–	–	–	–	T	1.2	8.0	43.1
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	–	–	–	–	T	2.5	7.1	31.7
	Sault Ste. Marie	37	27.0	19.4	15.1	4.8	.6	T	–	–	.2	2.3	15.1	27.0	111.5
Minn.	Duluth	35	17.0	11.8	13.9	6.8	.9	T	–	T	T	1.1	10.2	15.9	77.6
	Minneapolis-St. Paul	40	9.1	8.2	10.6	2.5	.2	–	–	–	T	.4	6.1	9.2	46.3
Miss.	Jackson	15	.6	.2	.4	T	–	–	–	–	–	–	T	T	T
Mo.	Kansas City	44	5.8	4.0	3.9	.7	T	–	–	–	–	T	1.1	4.5	20.0
	St. Louis	42	5.0	4.2	4.6	.2	T	–	–	–	–	T	1.4	3.7	19.1
Mont.	Great Falls	41	10.2	8.5	9.6	7.4	1.3	.4	T	–	1.3	2.9	7.6	8.8	58.0
Nebr.	Omaha	43	8.3	7.4	6.7	.9	.1	–	–	–	T	.3	2.5	5.8	32.0
Nev.	Reno	36	6.2	5.4	5.2	1.6	1.1	T	–	–	T	.3	1.8	5.0	26.6
N.H.	Concord	37	17.7	15.3	11.6	2.2	.2	–	–	–	–	.1	4.1	14.4	65.6
N.J.	Atlantic City	34	4.8	5.1	3.2	.2	T	–	–	–	–	T	.4	2.3	16.0
N. Mex.	Albuquerque	39	2.4	1.9	2.1	.5	T	–	–	–	T	T	1.1	2.6	10.6
N.Y.	Albany	32	15.8	15.3	11.9	2.4	.1	–	–	–	–	.1	4.5	16.3	66.4
	Buffalo	35	23.9	18.2	12.0	3.1	.1	–	–	–	T	.3	12.9	22.4	92.9
	New York [1]	110	7.7	8.7	5.2	.9	T	–	–	–	–	T	1.0	5.8	29.3
N.C.	Charlotte	39	2.1	1.3	1.2	T	–	–	–	–	–	–	.1	.7	5.4
	Raleigh	34	2.6	2.1	1.3	T	–	–	–	–	–	–	.2	.9	7.1
N. Dak.	Bismarck	39	6.9	6.0	7.9	3.7	1.0	T	–	–	.2	1.2	5.3	6.7	38.9
Ohio	Cincinnati	31	7.6	5.0	4.9	.5	T	–	–	–	–	.1	2.8	3.7	24.6
	Cleveland	37	11.6	11.0	9.9	2.1	.1	–	–	–	T	.7	5.7	11.4	52.5
	Columbus	31	8.4	5.8	4.9	.7	T	–	–	–	T	T	2.8	5.8	28.4
Okla.	Oklahoma City	39	2.9	2.5	1.7	T	–	–	–	–	–	T	.5	1.6	9.2
Oreg.	Portland	38	4.1	.7	.5	T	T	–	–	–	T	T	.5	1.5	7.3
Pa.	Philadelphia	36	6.1	6.3	3.9	.2	T	–	–	–	–	T	.7	3.9	21.1
	Pittsburgh	26	12.4	10.1	8.9	1.5	.2	–	–	–	–	.2	4.0	8.6	45.9
R.I.	Providence	25	10.1	10.9	9.3	.6	.3	–	–	–	–	.1	.5	7.4	39.2
S.C.	Columbia	31	.4	.8	.2	–	–	–	–	–	–	–	T	.3	1.7
S. Dak.	Sioux Falls	33	6.1	9.1	10.1	1.6	T	–	–	–	T	.5	4.0	7.6	39.0
Tenn.	Memphis	28	2.2	1.2	1.1	T	–	–	–	–	–	–	.1	.9	5.5
	Nashville	37	4.2	2.7	1.7	.1	–	–	–	–	–	–	.6	1.9	11.2
Tex.	Dallas	25	1.6	1.2	.3	–	–	–	–	–	–	–	.2	.2	3.5
	El Paso	39	1.4	.7	.4	T	–	–	–	–	–	T	1.1	1.0	4.6
	Houston	44	.2	.2	T	–	–	–	–	–	–	–	T	T	.4
Utah	Salt Lake City	50	13.3	9.8	10.3	4.9	.7	T	–	–	.1	1.0	6.4	12.0	58.5
Vt.	Burlington	35	18.6	17.6	12.4	3.5	.2	–	–	–	T	.2	7.3	19.7	79.5
Va.	Norfolk	30	3.0	2.0	1.0	T	–	–	–	–	–	–	T	1.2	7.2
	Richmond	41	5.1	3.4	2.8	.1	–	–	–	–	–	T	.4	2.1	13.9
Wash.	Seattle-Tacoma	34	6.6	1.6	1.6	.1	T	–	–	–	T	.1	1.2	3.1	14.3
	Spokane	31	18.3	7.5	4.7	.6	.1	T	–	–	–	.5	6.1	15.5	53.3
W. Va.	Charleston	31	9.9	7.9	4.6	.4	T	–	–	–	–	.2	2.8	5.1	30.9
Wis.	Milwaukee	38	12.5	9.1	9.4	1.7	T	–	–	–	T	.1	3.2	10.6	46.6
Wyo.	Cheyenne	43	5.8	5.6	11.7	9.1	3.5	.3	–	–	.7	3.3	6.1	5.5	51.6
P.R.	San Juan	23	–	–	–	–	–	–	–	–	–	–	–	–	–

– Represents zero. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 390. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1978, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Montgomery [1]	28	48	55	58	65	66	66	63	66	62	67	56	50	59
Alaska	Juneau	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz	Phoenix	83	78	80	83	88	93	94	85	85	89	88	83	77	86
Ark	Little Rock	32	46	54	57	62	68	73	71	73	68	69	56	48	63
Calif	Los Angeles [1]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	30	46	62	71	79	87	92	97	96	92	84	63	46	79
	San Francisco [1]	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo	Denver	29	72	71	70	67	65	71	71	72	75	73	65	68	70
Conn	Hartford	24	58	58	57	57	58	59	62	63	59	58	47	49	58
Del	Wilmington [2]	36	51	54	56	57	57	62	62	62	60	60	52	50	58
D.C	Washington	30	49	53	56	58	58	64	63	63	62	60	52	47	58
Fla	Jacksonville	28	57	61	66	72	69	62	60	59	54	57	60	56	61
	Key West [1]	19	72	76	82	85	80	73	77	77	71	70	72	73	76
Ga	Atlanta	43	48	54	57	66	68	67	62	65	63	68	59	50	61
Hawaii	Honolulu	26	63	65	68	66	69	70	73	75	75	68	60	59	68
Idaho	Boise	37	41	51	63	67	71	75	88	85	82	68	45	40	67
Ill	Chicago [1]	36	44	47	51	54	61	67	70	68	63	61	41	38	57
	Peoria	35	46	50	52	55	59	66	68	67	64	62	45	40	57
Ind	Indianapolis	34	42	51	52	56	62	67	70	71	66	64	43	40	58
Iowa	Des Moines	28	51	54	55	55	60	68	72	70	64	63	50	45	60
Kans	Wichita	25	59	60	61	62	64	70	75	74	66	67	59	58	65
Ky	Louisville	31	42	48	50	55	62	66	66	67	65	62	47	41	57
La	New Orleans	5	44	62	54	69	59	67	57	55	60	69	55	56	59
Maine	Portland	38	56	59	57	57	56	59	65	65	61	59	47	53	58
Md	Baltimore	28	52	56	55	56	56	62	64	62	60	59	51	48	57
Mass	Boston	43	54	56	58	57	59	63	66	66	64	61	51	52	60
Mich	Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	37	35	46	54	55	57	58	63	59	45	41	24	27	48
Minn	Duluth	28	49	54	56	54	56	58	66	62	52	48	35	39	54
	Minneapolis-St. Paul	40	51	57	55	56	59	63	71	68	61	57	39	40	58
Miss	Jackson	14	48	57	59	63	61	69	82	62	57	66	53	47	59
Mo	Kansas City	6	58	57	64	72	74	78	81	71	60	65	50	57	67
	St. Louis	19	53	53	55	57	61	68	72	65	64	63	48	44	59
Mont	Great Falls	36	48	57	66	61	63	65	80	77	68	61	46	45	63
Nebr	Omaha [1]	42	55	54	55	58	62	68	75	72	67	67	52	49	62
Nev	Reno	36	66	68	75	81	81	85	93	93	92	84	71	64	81
N.H	Concord	37	52	54	52	53	55	58	62	60	55	54	42	47	55
N.J	Atlantic City	18	50	52	53	55	54	58	60	62	59	56	48	43	55
N. Mex	Albuquerque	39	73	73	74	77	80	83	76	76	80	79	77	72	77
N.Y	Albany	40	46	51	52	54	55	59	63	61	56	52	36	38	53
	Buffalo	35	33	39	46	53	58	66	69	66	59	52	29	27	52
	New York [3]	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C	Charlotte	28	55	60	63	70	69	70	68	70	67	69	62	58	66
	Raleigh	24	55	60	63	65	59	61	62	61	60	62	61	56	60
N. Dak	Bismarck	39	55	55	60	58	63	65	76	73	66	59	45	47	62
Ohio	Cincinnati [1]	63	41	45	50	55	60	67	68	66	66	59	44	38	57
	Cleveland	35	31	38	44	53	59	65	67	64	60	54	31	27	52
	Columbus	27	37	43	44	52	57	60	62	62	61	57	37	31	52
Okla	Oklahoma City	24	58	60	63	64	65	73	76	77	69	68	60	59	67
Oreg	Portland	29	25	36	44	51	55	53	69	64	59	42	29	20	48
Pa	Philadelphia	36	51	54	56	57	57	62	62	62	60	60	52	50	58
	Pittsburgh	26	35	39	45	49	52	58	59	58	59	54	39	30	49
R.I	Providence	25	57	57	56	56	57	58	60	59	59	60	49	52	57
S.C	Columbia	25	57	61	63	69	66	65	65	66	64	66	64	61	64
S. Dak	Rapid City [1]	36	55	59	61	59	57	61	72	73	68	66	56	54	62
Tenn	Memphis	28	49	55	57	65	70	74	73	76	69	71	58	50	65
	Nashville	36	41	48	52	59	62	67	65	66	63	64	50	41	58
Tex	Amarillo [1]	37	69	69	72	72	72	77	77	77	73	75	72	68	73
	El Paso	36	78	82	85	87	89	89	79	80	82	84	83	78	83
	Houston	9	42	55	47	52	59	66	67	63	58	62	53	62	57
Utah	Salt Lake City	40	48	56	64	67	73	79	84	83	84	73	54	45	70
Vt	Burlington	35	42	48	51	51	56	60	65	61	54	49	31	33	51
Va	Norfolk	20	57	59	63	65	65	68	65	65	65	60	59	57	63
	Richmond	28	52	56	59	63	63	67	65	65	64	60	56	52	61
Wash	Seattle-Tacoma	12	21	41	49	52	58	55	65	61	58	43	28	18	49
	Spokane	30	25	40	53	59	62	65	80	76	70	52	28	21	56
W. Va	Parkersburg [1]	80	32	37	43	50	56	59	62	60	59	54	37	29	49
Wis	Milwaukee	38	45	47	51	54	59	64	71	67	60	56	41	38	56
Wyo	Cheyenne	43	61	65	65	60	59	64	68	67	69	69	60	59	64
P.R	San Juan	23	66	69	74	68	61	59	65	65	60	59	57	58	63

[1] For period of record through 1975. [2] Data not available; figures are for a nearby station. [3] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 391. Average Wind Speed—Selected Cities

[In miles per hour. Airport data, except as noted. For period of record through 1978]

State	Station	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	30	10.7	10.8	11.1	10.4	8.9	7.8	6.9	6.8	8.0	8.3	9.4	10.2	9.1
Alaska	Juneau	35	8.4	8.8	8.8	8.9	8.5	7.8	7.6	7.5	8.0	9.8	8.7	9.3	8.5
Ariz	Phoenix	33	5.2	5.9	6.6	7.0	7.0	7.0	7.2	6.7	6.4	5.9	5.4	5.2	6.3
Ark	*Little Rock*	36	8.9	9.3	10.0	9.4	8.0	7.5	6.9	6.7	6.9	7.0	8.2	8.5	8.1
Calif	Los Angeles	30	6.6	7.3	8.0	8.4	8.2	7.9	7.6	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento	30	7.7	7.8	9.0	9.0	9.4	10.0	9.2	8.7	7.8	6.7	6.3	7.0	8.2
	San Francisco	51	7.1	8.5	10.3	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo	Denver	30	9.1	9.3	10.0	10.4	9.6	9.1	8.5	8.2	8.2	8.2	8.7	9.0	9.0
Conn	Hartford	24	9.4	9.7	10.3	10.5	9.3	8.4	7.8	7.5	7.6	8.1	8.6	8.9	8.8
Del	*Wilmington*	30	9.9	10.5	11.2	10.5	9.1	8.4	7.7	7.4	7.9	8.2	9.1	9.4	9.1
D.C	Washington	30	10.0	10.4	10.9	10.5	9.3	8.8	8.2	8.0	8.2	8.6	9.2	9.5	9.3
Fla	Jacksonville	29	8.4	9.4	9.4	9.1	8.6	8.3	7.5	7.2	8.1	8.6	8.1	8.2	8.4
	Miami	29	9.4	10.1	10.4	10.7	9.5	8.2	7.8	7.8	8.1	9.4	9.5	9.1	9.2
Ga	Atlanta	40	10.5	10.9	10.9	10.0	8.6	7.9	7.4	7.0	8.0	8.4	9.1	9.8	9.0
Hawaii	Honolulu	29	9.9	10.7	11.6	12.2	12.2	12.9	13.7	13.5	11.7	10.9	11.0	11.1	11.8
Idaho	Boise	39	8.5	9.3	10.3	10.3	9.6	9.1	8.5	8.3	8.3	8.5	8.6	8.4	9.0
Ill	Chicago	20	11.6	11.5	11.8	12.1	10.6	9.1	8.1	8.1	8.7	9.8	11.0	11.0	10.3
	Peoria	35	11.2	11.5	12.3	12.2	10.3	9.1	8.0	7.8	8.7	9.5	11.2	11.0	10.2
Ind	Indianapolis	30	11.1	11.1	11.9	11.4	9.6	8.5	7.5	7.2	8.0	8.9	10.6	10.6	9.7
Iowa	Des Moines	29	11.7	11.8	13.0	13.2	11.5	10.4	9.0	8.8	9.5	10.5	11.6	11.5	11.0
Kans	Wichita	25	12.3	12.9	14.4	14.5	12.8	12.4	11.2	11.3	11.5	12.2	12.3	12.2	12.5
Ky	Louisville	31	9.7	9.8	10.4	10.0	8.1	7.4	6.7	6.4	6.8	7.1	8.9	9.3	8.4
La	*New Orleans*	30	9.5	10.0	10.2	9.6	8.2	6.9	6.2	6.0	7.3	7.6	8.8	9.2	8.3
Maine	Portland	38	9.3	9.5	10.1	10.0	9.2	8.2	7.6	7.5	7.8	8.4	8.8	9.0	8.8
Md	Baltimore	28	9.9	10.6	11.1	10.9	9.5	8.7	8.1	8.1	8.2	8.9	9.4	9.4	9.4
Mass	*Boston*	21	14.2	14.0	13.9	13.3	12.2	11.3	10.9	10.7	11.2	12.1	12.9	13.9	12.6
Mich	Detroit	44	11.7	11.5	11.5	11.2	9.9	9.2	8.4	8.1	8.9	9.6	11.4	11.4	10.2
	Sault Ste. Marie	37	10.1	9.9	10.4	10.7	10.1	8.8	8.2	8.1	8.9	9.5	10.1	9.9	9.6
Minn	*Duluth*	29	11.9	11.7	12.0	13.0	12.2	10.7	9.8	9.7	10.6	11.3	12.0	11.4	11.4
	Minneapolis-St. Paul	40	10.4	10.5	11.2	12.3	11.3	10.5	9.3	9.1	9.8	10.4	11.0	10.4	10.5
Miss	Jackson	15	8.9	8.8	9.5	8.7	7.1	6.2	6.0	5.8	6.4	6.3	7.5	8.4	7.5
Mo	Kansas City	6	10.7	11.6	12.2	12.1	9.9	9.6	8.5	8.9	8.7	9.7	10.9	11.1	10.3
	St. Louis	29	10.4	10.8	11.8	11.3	9.4	8.6	7.8	7.5	7.9	8.5	9.9	10.3	9.5
Mont	Great Falls	37	15.6	14.8	13.5	13.0	11.6	11.4	10.2	10.4	11.5	13.6	14.9	16.0	13.0
Nebr	*Omaha*	43	11.1	11.4	12.6	13.1	11.3	10.4	9.0	9.1	9.6	10.0	11.1	10.8	10.8
Nev	Reno	36	5.8	6.1	7.6	8.1	7.7	7.3	6.7	6.3	5.5	5.3	5.2	5.0	6.4
N.H	Concord	37	7.3	7.9	8.3	7.9	7.1	6.4	5.6	5.3	5.5	6.0	6.5	7.0	6.7
N.J	Atlantic City	20	11.8	12.0	12.4	12.1	10.7	9.7	9.0	8.5	9.0	9.6	11.0	11.2	10.6
N. Mex	Albuquerque	39	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.9	7.7	9.0
N.Y	Albany	40	9.8	10.4	10.6	10.6	9.1	8.2	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo	39	14.6	14.1	13.7	13.0	11.8	11.2	10.6	10.0	10.6	11.4	12.9	13.5	12.3
	New York [1]	58	10.8	10.9	11.1	10.5	8.8	8.1	7.7	7.7	8.2	9.0	9.9	10.4	9.4
N.C	Charlotte	29	8.0	8.5	8.9	8.9	7.6	6.9	6.6	6.6	6.7	7.1	7.3	7.4	7.5
	Raleigh	29	8.6	9.1	9.5	9.2	7.8	7.0	6.7	6.4	6.8	7.2	7.8	8.1	7.9
N. Dak	Bismarck	39	10.1	10.1	11.1	12.3	12.0	10.8	9.5	9.7	10.2	10.1	10.3	9.6	10.5
Ohio	Cincinnati	31	10.7	10.6	11.2	10.8	8.8	7.9	7.1	6.7	7.4	8.0	9.6	10.2	9.1
	Cleveland	37	12.5	12.3	12.4	11.8	10.3	9.4	8.7	8.3	9.1	10.0	12.0	12.3	10.8
	Columbus	29	10.4	10.4	10.8	10.1	8.6	7.5	6.7	6.4	6.8	7.7	9.5	9.9	8.7
Okla	Oklahoma City	30	13.1	13.6	15.0	14.9	13.2	12.6	11.2	10.8	11.4	12.1	12.5	12.8	12.8
Oreg	Portland	30	10.0	8.9	8.4	7.2	7.0	7.0	7.5	7.1	6.4	6.4	8.4	9.5	7.8
Pa	*Philadelphia*	38	10.4	11.1	11.5	11.1	9.7	8.9	8.2	7.9	8.3	8.9	9.7	10.1	9.7
	Pittsburgh	26	10.8	10.9	11.1	10.7	9.3	8.2	7.5	7.1	7.6	8.5	10.0	10.6	9.4
R.I	Providence	25	11.5	11.7	12.3	12.3	11.0	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.C	*Columbia*	30	7.1	7.6	8.3	8.4	7.0	6.7	6.5	5.9	6.1	6.1	6.4	6.6	6.9
S. Dak	Sioux Falls	30	11.0	11.1	12.5	13.5	12.0	10.7	9.8	9.8	10.3	10.8	11.6	10.8	11.2
Tenn	Memphis	30	10.5	10.5	11.3	10.7	8.9	8.0	7.5	7.0	7.5	7.7	9.3	10.0	9.1
	Nashville	37	9.2	9.4	10.0	9.5	7.6	7.0	6.3	6.1	6.3	6.6	8.4	8.9	7.9
Tex	Dallas	25	11.2	12.0	13.1	12.8	11.2	10.8	9.4	9.0	9.4	9.6	10.6	11.1	10.9
	El Paso	36	9.0	9.8	11.8	11.8	11.0	10.0	8.9	8.4	8.2	8.0	8.4	8.5	9.5
	Houston	9	8.3	8.7	9.4	9.2	8.0	7.4	6.5	5.5	6.6	6.4	7.6	7.8	7.6
Utah	Salt Lake City	49	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.8
Vt	Burlington	35	9.6	9.3	9.3	9.3	8.8	8.2	7.8	7.5	8.1	8.7	9.5	9.7	8.8
Va	Norfolk	30	11.6	12.0	12.4	11.8	10.3	9.6	8.8	8.8	9.6	10.4	10.6	11.0	10.6
	Richmond	30	8.0	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.8	7.3	7.5	7.5
Wash	Seattle-Tacoma	30	10.1	9.8	10.1	9.7	9.2	8.9	8.4	8.0	8.2	8.8	9.3	9.9	9.2
	Spokane	31	8.8	9.1	9.6	9.8	9.0	8.9	8.3	8.1	8.1	8.1	8.3	8.8	8.7
W. Va	Charleston	31	7.6	7.8	8.5	7.7	6.2	5.5	5.0	4.4	4.8	5.2	6.8	7.2	6.4
Wis	Milwaukee	38	12.9	12.7	13.2	13.1	11.9	10.5	9.7	9.6	10.6	11.5	12.7	12.5	11.8
Wyo	Cheyenne	21	15.5	15.2	14.9	14.7	13.1	11.7	10.5	10.7	11.4	12.4	13.7	15.1	13.2
P.R	San Juan	23	9.1	9.3	9.7	9.4	8.8	9.2	10.0	9.3	7.7	7.0	7.6	8.7	8.8

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 392. Normal Monthly and Seasonal Heating Degree Days, 65° Base—Selected Cities

[Airport data, except as noted, Based on standard 30-year period, 1941 through 1970. For definition of "degree day," see text, p.1]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala	Mobile	451	337	221	40	-	-	-	-	-	39	211	385	1,684
Alaska	Juneau	1,287	1,036	1,026	783	564	354	288	332	474	719	975	1,169	9,007
Ariz	Phoenix	428	292	185	60	-	-	-	-	-	17	182	388	1,552
Ark	Little Rock	791	619	470	139	21	-	-	-	5	143	441	725	3,354
Calif	Los Angeles	331	270	267	195	114	71	19	15	23	77	158	279	1,819
	Sacramento	617	426	372	227	120	20	-	-	5	101	360	595	2,843
	San Francisco	518	386	372	291	210	120	93	84	66	137	291	474	3,042
Colo	Denver	1,088	902	868	525	253	80	-	-	120	408	768	1,004	6,016
Conn	Hartford	1,246	1,070	911	519	226	24	-	12	106	384	711	1,141	6,350
Del	Wilmington	1,023	879	725	381	128	-	-	-	32	254	579	939	4,940
D.C	Washington	911	776	617	265	72	-	-	-	14	190	510	856	4,211
Fla	Jacksonville	348	282	176	24	-	-	-	-	-	19	161	317	1,327
	Miami	53	67	17	-	-	-	-	-	-	-	13	56	206
Ga	Atlanta	701	560	443	144	27	-	-	-	8	137	408	667	3,095
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,116	826	741	480	252	97	-	12	127	406	756	1,020	5,833
Ill	Chicago	1,305	1,089	908	486	240	45	7	18	90	360	774	1,175	6,497
	Peoria	1,277	1,044	859	416	180	17	-	8	70	327	753	1,147	6,098
Ind	Indianapolis	1,150	960	784	387	159	11	-	5	63	302	699	1,057	5,577
Iowa	Des Moines	1,414	1,142	964	465	186	26	-	13	94	350	816	1,240	6,710
Kans	Wichita	1,045	804	671	275	90	7	-	-	32	211	606	946	4,687
Ky	Louisville	983	818	661	286	105	5	-	-	35	241	600	911	4,645
La	New Orleans	403	299	188	29	-	-	-	-	-	40	179	327	1,465
Maine	Portland	1,349	1,179	1,029	669	381	106	27	55	200	493	792	1,218	7,498
Md	Baltimore	980	846	688	340	110	-	-	-	27	250	567	921	4,729
Mass	Boston	1,110	969	834	492	218	27	-	8	76	301	594	992	5,621
Mich	Detroit	1,225	1,067	918	507	238	26	-	11	80	342	717	1,097	6,228
	Sault Ste. Marie	1,575	1,394	1,271	804	496	200	96	125	291	583	966	1,392	9,193
Minn	Duluth	1,751	1,481	1,287	792	484	194	67	104	318	611	1,098	1,569	9,756
	Minneapolis-St. Paul	1,637	1,358	1,138	597	271	65	11	21	173	472	978	1,438	8,159
Miss	Jackson	569	442	313	74	6	-	-	-	-	91	301	504	2,300
Mo	Kansas City	1,153	893	745	314	111	12	-	-	42	235	642	1,014	5,161
	St. Louis	1,045	837	682	272	103	10	-	-	35	224	600	942	4,570
Mont	Great Falls	1,380	1,075	1,070	648	367	162	18	42	260	524	912	1,194	7,652
Nebr	Omaha	1,314	1,036	865	391	148	20	-	6	71	301	750	1,147	6,049
Nev	Reno	1,026	781	766	546	328	145	17	50	168	456	747	992	6,022
N.H	Concord	1,376	1,187	1,014	624	315	58	16	45	182	487	810	1,246	7,360
N.J	Atlantic City	1,001	871	741	399	131	9	-	-	35	262	570	927	4,946
N. Mex	Alburquerque	924	700	595	282	58	-	-	-	7	218	615	893	4,292
N.Y	Albany	1,349	1,162	980	543	253	39	9	22	135	422	762	1,212	6,888
	Buffalo	1,280	1,137	1,020	603	321	58	12	33	138	419	756	1,150	6,927
	New York[1]	1,017	885	741	387	137	-	-	-	29	209	528	915	4,848
N.C	Charlotte	710	588	461	145	34	-	-	-	10	152	420	698	3,218
	Raleigh	760	638	502	180	48	-	-	-	12	186	450	738	3,514
N. Dak	Bismarck	1,761	1,442	1,237	660	339	122	18	35	252	564	1,083	1,531	9,044
Ohio	Cincinnati	1,051	888	722	341	138	9	-	-	44	271	636	970	5,070
	Cleveland	1,181	1,039	896	501	244	40	9	17	95	354	702	1,076	6,154
	Columbus	1,135	972	800	418	176	13	-	8	76	342	699	1,063	5,702
Okla	Oklahoma City	874	664	532	180	36	-	-	-	12	148	474	775	3,695
Oreg	Portland	834	622	598	432	264	128	48	56	119	347	591	753	4,792
Pa	Philadelphia	1,014	871	716	367	122	-	-	-	38	249	564	924	4,865
	Pittsburgh	1,144	1,000	834	444	208	26	7	16	98	372	711	1,070	5,930
R.I	Providence	1,135	997	871	531	259	36	-	10	93	350	651	1,039	5,972
S.C	Columbia	608	493	360	83	12	-	-	-	-	112	341	589	2,598
S. Dak	Sioux Falls	1,575	1,277	1,085	567	259	65	10	18	165	465	957	1,395	7,838
Tenn	Memphis	760	594	457	131	22	-	-	-	7	142	423	691	3,227
	Nashville	828	672	524	176	45	-	-	-	10	180	498	763	3,696
Tex	Dallas-Fort Worth	626	456	335	88	-	-	-	-	-	60	287	530	2,382
	El Paso	663	465	328	89	-	-	-	-	-	92	402	639	2,678
	Houston	416	294	189	23	-	-	-	-	-	24	155	333	1,434
Utah	Salt Lake City	1,147	885	787	474	237	88	-	5	105	402	777	1,076	5,983
Vt	Burlington	1,494	1,299	1,113	660	331	63	20	49	191	502	840	1,314	7,876
Va	Norfolk	760	661	532	226	53	-	-	-	9	141	402	704	3,488
	Richmond	853	717	569	226	64	-	-	-	21	203	480	806	3,939
Wash	Seattle-Tacoma	831	636	648	489	313	167	80	82	170	397	612	760	5,185
	Spokane	1,228	918	853	567	327	144	21	47	196	533	885	1,116	6,835
W. Va	Charleston	946	798	642	287	113	10	-	-	46	267	588	893	4,590
Wis	Milwaukee	1,414	1,190	1,042	609	348	90	15	36	140	440	855	1,265	7,444
Wyo	Cheyenne	1,190	1,008	1,035	669	394	156	22	31	225	530	885	1,110	7,255
P.R	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81.

No. 393. Average Relative Humidity,

[Airport data, except as noted. Eastern standard time. For period of record through 1978. Hours selected to give, observations were made on

STATE	STATION	Length of record (yr.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
			7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.
Ala	Mobile	16	81	63	80	54	83	56	88	54	86	53	87	54
Alaska	*Juneau*	35	79	76	81	75	79	69	75	64	74	62	75	64
Ariz	Phoenix	18	44	31	37	26	33	23	23	16	18	13	17	12
Ark	Little Rock	18	81	61	79	57	78	56	81	56	86	57	86	55
Calif	Los Angeles	19	55	60	59	63	61	65	61	64	66	66	70	68
	Sacramento	18	85	70	79	61	68	51	58	43	51	36	47	31
	San Francisco	19	79	66	75	65	69	62	65	60	64	60	64	60
Colo	Denver	18	45	46	43	42	41	40	38	35	38	36	38	36
Conn	Hartford	19	71	57	73	56	72	53	69	43	73	47	78	52
Del	Wilmington	31	75	60	74	58	74	53	73	50	76	53	78	54
D.C	Washington	18	68	54	67	51	68	49	67	46	72	51	75	52
Fla	Jacksonville	42	87	57	85	52	85	49	85	47	84	50	86	56
	Miami	14	84	60	83	57	82	57	79	54	83	61	86	67
Ga	*Atlanta*	18	78	60	75	53	78	52	80	50	84	55	86	58
Hawaii	Honolulu	9	80	62	76	59	72	58	69	57	67	55	66	54
Idaho	Boise	39	73	70	68	61	55	44	47	36	45	34	42	30
Ill	Chicago	20	76	68	76	65	78	61	76	55	76	54	78	55
	Peoria	19	77	68	79	65	81	63	77	55	81	57	81	56
Ind	*Indianapolis*	19	80	70	80	67	80	63	78	55	82	57	82	57
Iowa	Des Moines	17	76	68	79	67	79	62	78	57	78	56	80	56
Kans	Wichita	25	79	63	78	59	76	53	77	52	83	55	82	53
Ky	*Louisville*	18	77	65	77	62	76	59	75	53	83	56	84	58
La	New Orleans	30	85	67	85	63	85	61	88	60	89	60	89	62
Maine	*Portland*	38	77	62	77	60	75	59	73	55	75	58	79	61
Md	Baltimore	25	71	58	71	55	71	51	71	48	77	53	80	53
Mass	Boston	14	67	58	67	57	68	57	66	52	70	58	74	59
Mich	Detroit	45	78	69	78	65	77	60	73	52	71	51	73	53
	Sault Ste. Marie	37	82	76	82	73	83	68	80	61	79	56	85	62
Minn	*Duluth*	17	75	69	75	64	77	63	77	57	76	54	81	60
	Minneapolis-St. Paul	19	73	66	74	65	77	63	76	54	76	52	79	54
Miss	Jackson	15	87	65	86	58	87	58	91	56	91	56	90	55
Mo	Kansas City	6	74	64	76	63	77	61	76	57	83	59	83	57
	St. Louis	18	82	65	81	62	82	58	79	54	83	56	84	57
Mont	*Great Falls*	17	63	62	59	56	53	48	49	42	46	40	44	40
Nebr	Omaha	15	76	65	77	61	76	57	76	53	79	55	81	55
Nev	*Reno*	15	67	50	57	39	46	32	38	28	34	25	33	23
N.H	Concord	13	74	59	75	58	78	56	75	45	79	48	86	55
N.J	Atlantic City	14	75	57	76	56	76	55	75	49	78	56	83	58
N. Mex	Albuquerque	18	50	39	44	32	32	23	25	18	23	16	23	16
N.Y	Albany	13	79	63	78	59	74	54	69	46	75	52	79	56
	Buffalo	18	79	73	80	71	80	67	76	58	76	56	78	57
	New York [1]	57	68	60	68	58	67	55	67	51	71	53	74	55
N.C	Charlotte	18	78	57	75	51	80	51	79	47	84	53	86	57
	Raleigh	14	78	55	74	48	79	49	81	45	87	55	88	57
N. Dak	Bismarck	19	72	67	76	67	78	62	79	53	79	49	84	53
Ohio	Cincinnati	16	78	67	76	62	78	60	76	53	80	54	82	56
	Cleveland	18	77	70	77	68	78	65	76	57	78	58	80	59
	Columbus	19	76	68	75	64	74	58	74	52	79	55	81	54
Okla	Oklahoma City	13	79	60	78	56	75	52	78	52	83	58	84	56
Oreg	Portland	38	82	76	79	67	72	60	68	55	66	53	64	49
Pa	*Philadelphia*	19	73	59	70	56	71	53	68	47	75	53	78	55
	Pittsburgh	19	76	66	74	62	74	58	72	50	76	51	79	52
R.I	*Providence*	15	71	57	71	55	70	54	67	46	71	52	76	57
S.C	Columbia	12	82	56	80	47	83	48	83	43	87	50	88	53
S. Dak	Sioux Falls	15	75	67	78	66	81	63	81	56	80	53	82	55
Tenn	*Memphis*	39	79	63	78	59	76	56	78	53	82	55	83	56
	Nashville	13	80	65	79	58	78	54	80	51	87	56	88	55
Tex	Dallas-Fort Worth	15	80	60	79	57	79	56	85	59	88	61	86	55
	El Paso	18	43	33	35	25	28	20	22	15	22	15	24	17
	Houston	9	88	66	87	57	89	60	91	60	94	60	93	59
Utah	Salt Lake City	19	69	68	63	58	51	45	44	39	37	32	31	26
Vt	Burlington	13	70	64	72	63	72	59	74	53	75	51	79	57
Va	*Norfolk*	30	75	59	74	56	73	54	73	50	78	56	80	57
	Richmond	44	81	57	79	52	78	49	75	45	79	50	82	53
Wash	Seattle-Tacoma	19	79	74	76	66	74	63	71	58	68	54	66	53
	Spokane	19	82	77	78	68	67	55	56	43	52	40	48	35
W. Va	Charleston	31	77	63	76	59	74	53	75	47	82	50	86	54
Wis	*Milwaukee*	18	75	68	76	67	79	66	79	62	79	61	82	62
Wyo	Cheyenne	19	44	48	44	46	45	45	41	40	39	40	39	40
P.R	*San Juan*	23	80	63	79	61	77	60	75	61	77	64	78	65

[1] *City office data.*

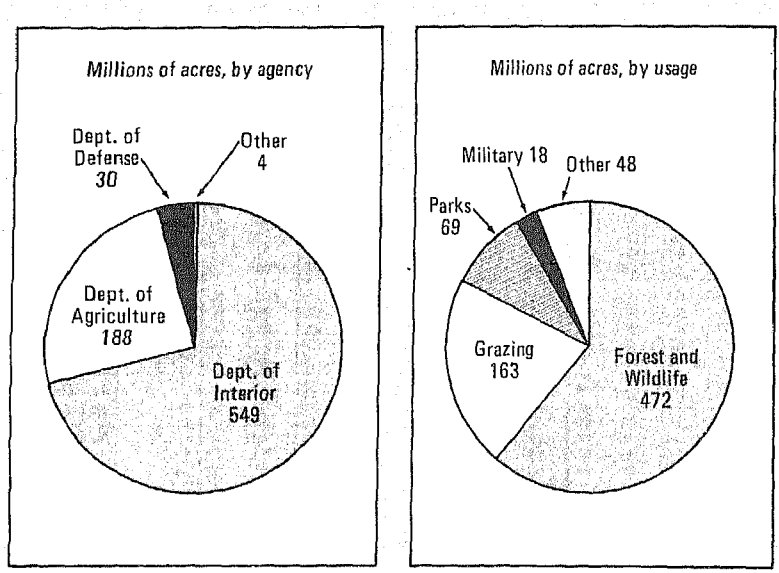
PERCENT—SELECTED CITIES

for most of country, approximation of average highest and average lowest humidity values. Relative humidity the half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATE	STATION
7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.		
89	60	89	62	88	60	85	52	85	56	84	62	85	57	Ala.	Mobile.
81	70	83	73	87	77	87	80	85	81	82	81	81	73	Alaska	Juneau.
28	20	33	23	32	23	30	23	38	28	46	34	32	23	Ariz.	Phoenix.
87	57	87	56	89	59	85	51	82	57	80	62	83	57	Ark.	Little Rock.
69	69	69	69	66	67	60	65	58	63	55	61	62	65	Calif.	Los Angeles.
47	28	49	29	51	31	57	39	75	59	84	70	63	46		Sacramento.
66	60	67	62	65	59	67	59	74	64	78	68	69	62		San Francisco.
36	35	36	35	38	35	53	35	44	49	44	50	40	40	Colo.	Denver.
79	51	84	54	87	56	84	52	80	57	77	62	77	53	Conn.	Hartford.
80	54	83	56	85	55	84	53	80	56	76	60	78	55	Del.	Wilmington.
75	52	79	54	80	55	78	51	73	52	71	56	73	52	D.C.	Washington.
87	58	90	60	91	62	90	58	89	55	88	58	87	55	Fla.	Jacksonville.
86	65	87	66	89	68	87	65	85	61	84	60	85	62		Miami.
90	63	91	62	90	61	84	52	82	54	80	59	83	57	Ga.	Atlanta.
66	51	67	53	66	52	68	55	74	59	77	60	71	56	Hawaii	Honolulu.
33	22	34	23	39	30	48	40	65	60	73	71	52	44	Idaho	Boise.
81	57	85	57	84	58	81	55	81	64	80	71	79	60	Ill.	Chicago.
85	58	87	60	88	59	85	57	83	66	83	72	82	61		Peoria.
87	60	90	61	91	60	88	57	85	67	83	73	84	62	Ind.	Indianapolis.
81	56	84	58	84	60	78	55	79	64	80	71	80	61	Iowa	Des Moines.
78	49	78	49	82	56	80	53	79	57	79	61	79	55	Kans.	Wichita.
85	58	88	58	89	60	86	56	79	61	77	66	81	59	Ky.	Louisville.
91	66	91	66	90	66	88	59	86	61	86	67	88	63	La.	New Orleans.
80	60	84	59	86	61	85	59	84	63	80	62	80	60	Maine	Portland.
81	53	85	56	85	56	82	54	77	55	74	58	77	54	Md.	Baltimore.
73	56	76	58	79	61	76	57	74	61	72	61	72	58	Mass.	Boston.
74	51	79	53	82	55	80	55	79	64	79	69	77	58	Mich.	Detroit.
88	62	92	63	92	67	89	67	87	76	84	78	85	67		Sault Ste. Marie.
84	58	87	62	87	64	81	61	80	69	78	74	80	63	Minn.	Duluth.
81	54	84	55	86	60	82	58	80	66	77	70	79	60		Minneapolis-St. Paul.
93	59	94	60	94	60	93	54	91	58	88	64	90	59	Miss.	Jackson.
81	53	85	58	87	63	81	57	79	64	76	64	80	60	Mo.	Kansas City.
86	57	89	57	91	60	86	56	85	63	85	69	84	60		St. Louis.
38	29	38	30	46	37	46	41	55	55	62	61	50	45	Mont.	Great Falls.
83	56	86	59	87	61	82	55	80	62	79	67	80	59	Nebr.	Omaha.
28	19	31	20	34	22	40	26	56	41	66	52	44	31	Nev.	Reno.
86	52	89	54	91	57	87	53	85	61	81	65	82	55	N.H.	Concord.
84	58	86	57	87	59	87	56	82	57	76	58	80	56	N.J.	Atlantic City.
35	28	39	29	40	31	37	29	42	35	50	42	37	28	N.Mex.	Albuquerque.
79	54	85	56	88	59	85	56	81	63	81	66	79	57	N.Y.	Albany.
79	55	83	58	83	60	82	61	82	70	82	75	80	63		Buffalo.
75	55	78	57	79	57	76	55	73	59	70	60	72	56		New York. [1]
88	58	90	59	90	58	88	53	83	52	79	57	83	54	N.C.	Charlotte.
90	59	93	61	93	59	90	54	84	51	80	55	85	54		Raleigh.
83	46	81	43	82	49	78	50	79	62	76	69	79	56	N. Dak.	Bismarck.
85	57	88	58	88	59	83	55	79	63	79	69	81	59	Ohio	Cincinnati.
82	58	86	60	85	61	80	60	79	67	77	71	79	63		Cleveland.
84	56	87	58	87	58	82	55	81	64	78	69	80	59		Columbus.
80	49	81	50	85	56	79	51	79	55	77	58	80	54	Okla.	Oklahoma City.
61	45	65	47	67	49	79	63	82	74	84	79	72	60	Oreg.	Portland.
79	54	81	55	83	56	82	53	77	55	74	59	76	55	Pa.	Philadelphia.
82	53	86	56	86	57	81	54	79	63	76	67	78	57		Pittsburgh.
77	56	80	55	83	57	80	54	78	58	76	60	75	55	R.I.	Providence.
90	56	93	58	94	57	91	51	87	49	83	54	87	52	S.C.	Columbia.
81	51	83	52	85	57	80	54	82	64	79	70	81	59	S. Dak.	Sioux Falls.
85	57	86	56	86	56	83	51	79	55	79	61	81	57	Tenn.	Memphis.
91	58	92	61	91	61	87	55	81	60	79	64	84	58		Nashville.
81	49	82	52	88	60	83	54	81	57	78	58	82	57	Tex.	Dallas-Fort Worth.
39	30	40	31	45	35	36	29	39	32	43	36	35	27		El Paso.
93	58	94	60	94	65	93	57	91	60	88	62	91	60		Houston.
26	20	29	22	34	28	42	39	57	58	70	71	46	42	Utah	Salt Lake City.
80	54	84	59	87	64	82	63	80	69	76	71	78	60	Vt.	Burlington.
82	60	85	62	84	61	83	60	79	56	75	58	78	58	Va.	Norfolk.
85	56	89	57	90	56	90	53	84	50	81	55	83	53		Richmond.
65	49	70	53	74	59	79	68	80	74	80	77	74	62	Wash.	Seattle-Tacoma.
39	25	43	28	50	34	66	49	81	74	84	81	62	51		Spokane.
90	60	92	58	91	56	88	53	80	56	77	62	82	56	W.Va.	Charleston.
83	61	87	62	87	63	82	63	81	67	80	73	81	65	Wis.	Milwaukee.
34	37	33	35	36	36	36	38	41	47	43	49	40	42	Wyo.	Cheyenne.
78	66	79	66	79	66	80	66	81	66	80	65	79	64	P.R.	San Juan.

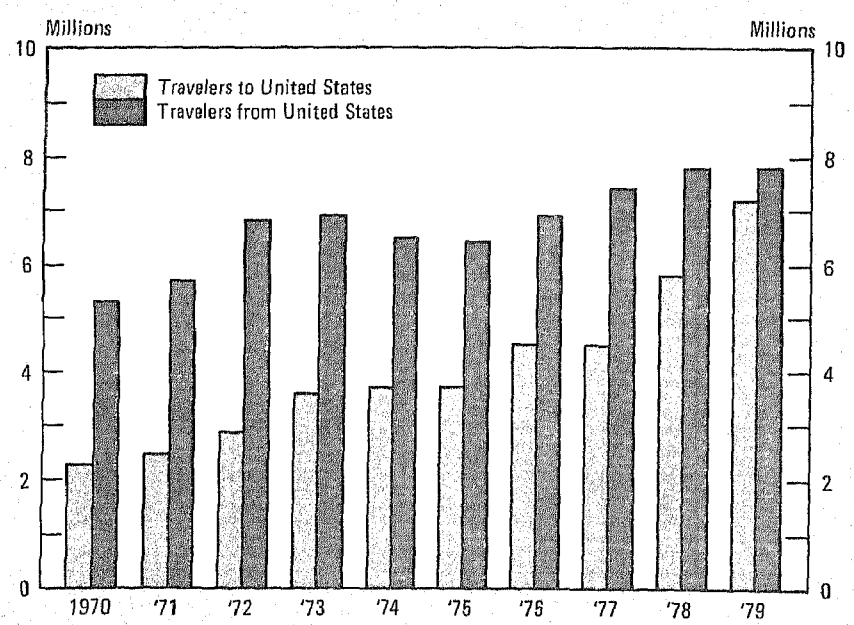
Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 8.1
Land Owned by the Federal Government: 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 399.

Figure 8.2
Travelers to and from the United States: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 427 and 428.



Section 8

Public Lands, Parks, Recreation, and Travel

This section presents statistics on the Federal public domain and federally owned and leased real property, Indian lands, national parks and forests, State and municipal parks, recreational activities, the performing arts, and domestic and foreign travel.

The primary source for data on public lands is *Public Land Statistics,* published annually by the Department of the Interior, Bureau of Land Management. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.* The Economics, Statistics, and Cooperatives Service of the Department of Agriculture also issues statistics on land use and land ownership.

Public domain and acquired lands.—"Original public-domain land" refers to land which was untitled at the time the U.S. Government acquired sovereignty over it; that is, no claim of legal ownership had been established over it by a private individual, or by any State or political subdivision. Title to this land passed directly to the U.S. Government at the time sovereignty was acquired. (Federally owned land within the District of Columbia is not considered to be original public-domain land.)

Any original public-domain land which the government has not disposed of under the public-land laws are "public domain lands," as are those lands declared by the Congress to be public lands. Acquired lands are lands the U.S. Government has gained by purchase, condemnation, and gift, for various public purposes, such as sites for public buildings, defense installations, and natural resources conservation activities. Such lands are referred to as "acquired lands."

Indian lands.—Indian lands are the private landholdings of individual Indians or Indian tribes that are subject to special restrictive provisions of Federal law administered by the Bureau of Indian Affairs. They have been set aside for Indian use by treaties, congressional acts, and executive orders. Although most of these lands are in reservations for specific tribes, there are groups of scattered off-reservation allotments in individual ownership and other small tracts of land occupied by Indian groups.

Entries, selections, patents, and certifications.—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications become final entries (perfected entries) upon issuance of a final certificate to the applicant after he has complied fully with the requirements of the laws relating to his application. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data on and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national parks in its annual report, *National Park Statistical Abstract;* the *Index-National Park System and Related Areas,* a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites.

The Heritage Conservation and Recreation Service in the Department of the Interior administers a land and water conservation fund which provides grants to States, counties, and cities for outdoor recreation purposes and to designated Federal agencies for acquisition of new recreational lands and waters. It also issues statistics on the fund and on other aspects of outdoor recreation. The Fish and Wildlife Service compiles and releases data on sport fishing and hunting and on the number and acreage of national wildlife refuges in its annual *Federal Aid in Fish and Wildlife Restoration,* and its *National Survey of Hunting, Fishing, and Wildlife-Associated Recreation,* published every 5 years.

Statistics for State and municipal parks and playgrounds, as well as for other outdoor recreational activities, are compiled by the National Recreation and Park Association, Arlington, Va., which issues its *Recreation and Park Yearbook* at 5-year intervals, and its *Parks & Recreation* monthly. The Department of Agriculture's Forest Service, in its *Annual Report of the Chief,* issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Domestic and foreign travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey,* vol. I, and its 1967 and 1972 *National Travel Survey,* vol. I.

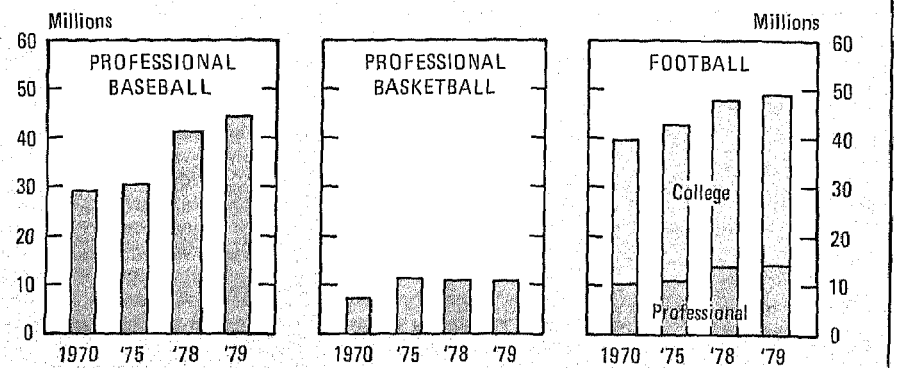
Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in the monthly *Survey of Current Business.* Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics.* Prior to 1976, data on sea travel were published by the U.S. Immigration and Naturalization Service in its *Annual Report.*

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the Census of Transportation, see Appendix III.

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

Figure 8.3

Selected Spectator Sports — Attendance: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 417.

No. 394. Area and Acquisition of the Federal Public Domain: 1781 to 1979

[Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 353 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970,* series J 3-6]

YEAR	Land area [1] (mil. acres)	YEAR	Land area [1] (mil. acres)	YEAR AND ACQUISITION	ACRES (mil.)		
					Total	Land	Inland water
1802	200.0	1970	761.3	**Aggregate**	**1,837.8**	**1,804.7**	**33.1**
1850	1,200.0	1971	760.2	1781–1802 (State Cessions)	236.8	233.4	3.4
1880	900.0	1972	760.7	1803, Louisiana Purchase [2]	529.9	523.4	6.5
1912	600.0	1973	761.0	1819, Cession from Spain	46.1	43.3	2.8
1946	413.0	1974	760.5	Red River Basin [3]	29.6	29.1	.5
1950	412.0	1975	760.4	1846, Oregon Compromise	183.4	180.6	2.7
1955	407.9	1976	762.2	1848, Mexican Cession [2]	338.7	334.5	4.2
1959	768.6	1977	741.5	1850, Purchase from Texas	78.9	78.8	.1
1960	771.5	1978	775.2	1853, Gadsden Purchase	19.0	19.0	(Z)
1965	765.8	1979	769.9	1867, Alaska Purchase	375.3	362.5	12.8

Z Less than 50,000. [1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World,* annual. [2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. [3] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.,* 1922.

No. 395. Ownership of Land, by Class: 1959 to 1974

[In millions of acres, except percent. See also *Historical Statistics, Colonial Times to 1970,* series J 66, J 71, and J 76]

YEAR	Total [1]	Private land [2]	Indian lands [3]	PUBLIC LAND			
				Total	Federal [4]	State [5]	County and municipal
1959	2,271	1,332	53	886	765	103	18
1969	2,264	1,317	50	897	763	114	20
1974	2,264	1,316	51	897	761	116	20
Percent distribution	100.0	58.1	2.3	39.6	33.6	5.1	.9

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. [2] Land owned by individuals, partnerships, and corporations. [3] Managed in trust by Bureau of Indian Affairs. [4] Gross acreage of Federal holdings including highway and road rights-of-way in Federal areas. [5] Includes the major part of highway and road rights-of-way through predominantly private land areas.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Major Uses of Land in the United States,* December 1973 and November 1979.

No. 396. United States Shoreline—Total Miles by Type of Owner and Use: 1971

REGION [1]	Total shoreline [2]	OWNERSHIP				SHORE USE			
		Federal	Percent Federal	State and local	Private	Recreation		Other development	Undeveloped
						Public	Private		
Total	**84,240**	**45,290**	**53.8**	**10,080**	**26,310**	**3,390**	**5,820**	**6,230**	**68,800**
North Atlantic	8,620	580	6.7	840	7,200	1,020	2,600	2,430	2,570
South Atlantic-Gulf	14,620	1,870	12.8	1,960	8,250	690	1,500	2,440	9,990
Lower Mississippi	1,940	240	12.4	330	1,370	20	30	50	1,840
Texas Gulf	2,500	390	15.6	50	2,060	400	160	110	1,830
Great Lakes	3,680	130	3.5	520	3,030	370	1,220	250	1,840
California	1,810	380	21.0	350	1,080	440	190	230	950
North Pacific	2,840	240	8.5	270	2,310	350	120	190	2,180
Alaska	47,300	41,350	87.4	5,500	450	10	-	330	46,960
Hawaii	930	110	11.8	260	560	90	-	200	640

- Represents zero. [1] For definition of region, see source. [2] Includes "uncertain" ownership, not shown separately.

Source: U.S. Corps of Engineers, *Report on the National Shoreline Study,* 1971.

NO. 397. TOTAL LAND, AND FEDERALLY OWNED LAND AND BUILDINGS, 1955 TO 1979, AND BY STATES, 1979

[As of June 30 except, beginning 1976, as of Sept. 30]

YEAR AND STATE	LAND (1,000 acres)						Cumulative cost [2] of land owned by Federal Govt. (mil. dol.)	FEDERALLY OWNED BUILDINGS	
	Total	Not owned by Federal Government	Owned by Federal Government					Number	Cumulative cost [2] (mil. dol.)
			Total [1]		Public domain	Acquired by other methods			
			Acres	Percent					
1955 [3]	1,903,825	1,495,929	407,896	21.4	357,210	50,686	2,369	384,916	14,475
1960	2,273,407	1,501,894	771,512	33.9	720,004	51,508	2,956	405,443	19,916
1965	2,271,343	1,505,546	765,797	33.5	712,525	53,272	4,128	426,863	24,368
1970	2,271,343	1,510,042	761,301	33.5	706,436	54,865	5,475	410,587	28,705
1973	2,271,343	1,510,344	760,999	33.5	704,751	56,248	6,198	403,409	30,987
1974	2,271,343	1,510,811	760,532	33.5	703,813	56,719	6,464	401,335	32,759
1975	2,271,343	1,510,929	760,414	33.5	702,866	57,548	6,872	398,737	34,345
1976	2,271,343	1,509,151	762,192	33.5	702,793	59,399	7,428	405,043	37,350
1977	2,271,343	1,529,834	741,509	32.6	683,286	58,223	7,860	403,105	39,951
1978	2,271,343	1,496,094	775,249	34.1	711,961	63,288	8,762	406,494	41,533
1979, total	**2,271,343**	**1,501,479**	**769,863**	**33.9**	**710,066**	**59,796**	**9,660**	**405,147**	**42,999**
Ala	32,678	31,556	1,122	3.4	30	1,093	118	7,331	719
Alaska	365,482	6,348	359,134	98.3	359,099	34	109	7,650	1,413
Ariz	72,688	40,674	32,014	44.0	31,574	440	74	11,023	800
Ark	33,599	30,241	3,358	9.9	1,073	2,285	284	4,520	290
Calif	100,207	53,505	46,702	46.6	44,140	2,562	1,004	59,726	5,059
Colo	66,486	42,878	23,608	35.5	22,489	1,119	194	6,998	1,164
Conn	3,135	3,126	9	.3	-	9	42	2,086	249
Del	1,266	1,225	41	3.2	-	41	11	997	151
D.C	39	26	13	32.8	-	13	162	2,148	1,412
Fla	34,721	30,680	4,041	11.6	371	3,670	385	14,982	1,836
Ga	37,295	35,018	2,277	6.1	-	2,277	201	12,546	1,122
Hawaii	4,106	3,445	661	16.1	297	364	62	14,481	790
Idaho	52,933	19,174	33,760	63.7	32,945	814	59	4,163	330
Ill	35,795	35,189	607	1.6	(Z)	606	182	7,260	1,432
Ind	23,158	22,662	497	2.1	(Z)	496	150	5,328	458
Iowa	35,860	35,633	227	.6	(Z)	227	64	1,707	221
Kans	52,511	51,778	733	1.3	26	707	298	7,431	589
Ky	25,512	24,098	1,414	5.5	-	1,414	366	6,845	746
La	28,868	27,769	1,099	3.8	25	1,073	152	5,374	644
Maine	19,848	19,713	135	.7	-	135	11	3,114	287
Md	6,319	6,116	203	3.2	-	203	112	11,684	1,861
Mass	5,035	4,955	80	1.5	-	80	116	5,276	743
Mich	36,492	33,025	3,467	9.5	296	3,171	113	6,079	533
Minn	51,206	47,783	3,423	6.6	1,166	2,257	85	3,068	270
Miss	30,223	28,492	1,731	5.7	2	1,728	165	5,556	459
Mo	44,248	42,053	2,196	4.9	3	2,193	431	6,197	923
Mont	93,271	65,530	27,741	29.7	25,212	2,529	74	5,867	226
Nebr	49,032	48,320	712	1.4	250	462	96	2,487	242
Nev	70,264	9,758	60,506	86.1	60,270	236	40	4,854	298
N.H	5,769	5,047	722	12.5	-	722	29	824	117
N.J	4,813	4,662	152	3.1	-	152	133	7,339	926
N. Mex	77,766	51,893	25,874	33.2	24,161	1,713	43	11,644	907
N.Y	30,681	30,435	246	.8	-	246	189	9,347	1,689
N.C	31,403	29,352	2,051	6.5	-	2,051	150	15,486	815
N. Dak	44,452	42,066	2,386	5.3	209	2,177	458	4,676	482
Ohio	26,222	25,877	345	1.3	(Z)	345	247	5,562	1,400
Okla	44,088	42,498	1,590	3.6	149	1,441	498	7,251	603
Oreg	61,599	29,285	32,314	52.4	30,933	1,381	390	4,519	198
Pa	28,804	28,072	733	2.5	-	733	364	6,284	1,061
R.I	677	669	8	1.1	-	8	9	2,725	266
S.C	19,374	18,198	1,176	6.0	-	1,176	99	9,835	1,038
S. Dak	48,882	45,390	3,492	7.1	1,597	1,895	191	2,986	236
Tenn	26,728	24,874	1,854	6.9	-	1,854	395	5,905	1,282
Tex	168,218	164,809	3,409	2.0	-	3,409	473	26,330	2,556
Utah	52,697	19,167	33,530	63.6	32,966	564	27	4,853	435
Vt	5,937	5,641	296	4.9	-	296	20	324	38
Va	25,496	23,087	2,410	9.4	-	2,410	189	18,109	2,024
Wash	42,694	30,221	12,473	29.2	11,083	1,389	293	15,770	1,141
W. Va	15,411	14,314	1,097	7.1	-	1,097	227	969	145
Wis	35,011	33,143	1,868	5.3	10	1,858	43	4,395	266
Wyo	62,343	32,013	30,330	48.6	29,690	640	54	3,236	103

- Represents zero. Z Less than 500. [1] Excludes trust properties. [2] See headnote, table 399. [3] Excludes Alaska and Hawaii.

Source: U.S. General Services Administration, Inventory Report on Real Property Owned by the United States Throughout the World, annual.

NO. 398. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1979

[As of **June 30** except, beginning **1976,** as of **Sept. 30.** Covers Federal real property throughout the world, except as noted. Totals include data not shown separately. 1979 preliminary]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Federally owned:									
Land, total	Mil. acres	772	766	762	761	763	742	776	770
Dept. of Agriculture	Mil. acres	186	187	187	188	190	188	189	188
Dept. of Defense	Mil. acres	30	30	31	31	31	31	34	30
Dept. of the Interior	Mil. acres	553	546	540	538	538	519	548	549
Buildings, number [1]	1,000	413	433	418	405	412	410	413	411
Dept. of Defense [1]	1,000	320	335	319	312	317	314	316	314
Dept. of the Interior	1,000	31	34	34	30	31	32	32	33
Buildings, floor area [1]	Mil. sq. ft	2,445	2,490	2,542	2,602	2,552	2,579	2,636	2,692
Dept. of Defense [1]	Mil. sq. ft	1,929	1,874	1,857	1,802	1,824	1,824	1,868	1,914
General Services Administration	Mil. sq. ft	122	172	205	194	196	201	202	203
Dept. of the Interior	Mil. sq. ft	42	47	61	58	60	61	62	63
Veterans Administration	Mil. sq. ft	115	114	110	111	112	114	116	116
Cost of land, buildings, etc.[2]	Bil. dol	53	66	79	91	96	101	107	113
Dept. of Defense	Bil. dol	31	39	44	56	58	60	62	66
Dept. of the Interior	Bil. dol	5	6	8	10	10	11	10	11
Federally leased:									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.2	1.7	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.0	1.5	1.2	1.2
Buildings, floor area [1]	Mil. sq. ft	97	132	182	210	230	238	216	219
Dept. of Defense [1]	Mil. sq. ft	11	7	7	13	19	27	12	12
Rental property, cost	Mil. dol	174	282	451	664	742	794	870	912
Dept. of Defense	Mil. dol	35	35	63	65	65	75	73	72

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 399.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World,* annual, and *Inventory Report on Real Property Leased to the United States Throughout the World,* annual.

NO. 399. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1979

[As of **June 30** except beginning **1978** as of **Sept. 30.** Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. 1979 preliminary]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields	Other
LAND (mil. acres)										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
Dept. of Agriculture	187.9	167.5	19.7	(z)	–	–	–	–	–	.8
Dept. of Energy	1.6	–	–	–	–	–	(z)	(z)	–	1.5
Dept. of Defense	30.3	.1	–	.1	18.0	7.3	–	.7	1.5	2.6
Dept. of Interior	548.5	304.5	142.8	68.3	–	.1	6.0	.7	(z)	26.0
Tennessee Valley Authority	1.0	(z)	–	.2	–	.7	–	(z)	–	.1
Other	.6	–	–	(z)	(z)	.2	–	–	(z)	.4
COST OF LAND (mil. dol.)										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,128	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979	9,680	900	27	1,417	480	4,104	377	286	146	1,943

– Represents zero. Z Less than 50,000 acres.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World,* annual.

No. 400. Public Lands—Disposal Transactions and Cash Receipts: 1951 to 1978

[For years ending **June 30** except, beginning **1977, Sept. 30.** For explanation of terms, see text, p. 235. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970,* series J 10-15 and J 26-32]

ITEM	Unit	1951-1960, total	1961-1970, total	1971-1975, total	1973	1974	1975	1976	1977	1978
Original entries and selections [1]	1,000 acres	3,176	17,518	13,078	132	1,092	11,762	[2] 102,810	10,518	860
Alaska	1,000 acres	1,535	15,019	12,898	62	1,072	11,752	[2] 102,800	10,469	850
Final entries [1]	1,000 acres	2,382	4,177	4,704	430	3,287	728	8,206	1,161	1,364
Alaska	1,000 acres	164	2,537	4,270	323	3,223	672	8,177	1,145	1,360
Patents and certificates [1]	1,000 acres	5,628	11,524	5,584	566	3,584	807	8,302	1,163	108
Alaska	1,000 acres	246	6,050	4,470	309	3,437	672	8,177	990	24
Homestead entries: [3]										
Original entries, total	Number	6,158	2,383	211	32	92	13	6	13	-
Acres	1,000	790	292	24	3	10	2	(Z)	2	-
Final entries [4]	1,000 acres	442	172	42	6	5	4	4	5	1
Cash receipts	Mil. dol	1,399	4,770	16,141	4,230	7,178	2,920	3,192	3,008	2,924
Mineral leases	Mil. dol	1,046	4,070	15,415	4,088	7,001	2,731	2,983	2,688	2,629
Oil, gas	Mil. dol	1,071	3,955	15,387	4,086	6,996	2,723	2,969	2,669	2,600
Offshore	Mil. dol	435	2,918	14,462	3,956	6,748	2,428	2,662	2,373	2,259
Timber	Mil. dol	209	478	496	105	126	108	131	235	195
Fees and commissions	Mil. dol	9	37	46	7	12	18	19	27	32
Other	Mil. dol	135	185	184	30	37	63	59	58	68

- Represents zero. Z Less than 500 acres. [1] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. [2] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. See also footnote 5, table 401. [3] Excludes ceded Indian lands. [4] Excludes commuted homesteads.

No. 401. Public Domain Lands—Homestead Entries, 1951 to 1977, and Vacant Lands, 1950 to 1978, by States

[**In thousands of acres.** Homestead entries for years ending **June 30** except, beginning **1977,** ending **Sept. 30;** vacant lands as of **June 30** except, beginning **1977,** as of **Sept. 30.** Excludes States with less than 500 acres in years specified. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data for vacant public lands in States other than Alaska cover lands withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See text, p. 235. See *Historical Statistics, Colonial Times to 1970,* series J 8, for vacant lands excluding Alaska, and J 14 for homestead entries]

STATE	HOMESTEAD ENTRIES [1]				VACANT LANDS [2]					
	1951-1960, total	1961-1970, total	1971-1976, total	1977	1950	1960	1970	1975	1977	1978
Total	[3] **790.0**	**291.9**	**24.4**	**2.2**	**440,408**	**437,879**	[4] **159,139**	[4] **158,778**	[4] **159,204**	[4] **159,148**
Alabama	-	-	-	-	27	3	1	3	3	3
Alaska [5]	572.0	279.9	21.8	.5	270,000	270,200	257,133	257,065	246,197	244,859
Arizona	9.4	1.3	-	-	12,545	12,442	11,597	11,592	11,575	11,575
California	3.9	-	-	-	16,306	15,673	14,587	14,570	14,538	14,863
Colorado	14.5	.2	-	-	8,070	8,090	6,485	6,440	6,107	6,123
Idaho	96.0	3.0	-	-	10,858	11,652	11,597	11,520	11,498	11,495
Minnesota	-	-	-	-	93	58	23	26	26	26
Montana	1.6	-	1.6	1.3	6,773	6,385	6,143	6,140	6,141	6,141
Nebraska	-	-	-	-	25	6	8	4	9	9
Nevada	25.8	5.2	.2	-	47,158	46,027	47,310	47,367	48,450	48,450
New Mexico	3.9	1.5	.1	-	14,503	13,129	12,576	12,400	12,266	12,252
North Dakota	-	-	.2	-	96	79	69	68	68	68
Oregon	1.3	-	-	-	13,298	13,153	13,342	13,136	13,034	13,034
South Dakota	-	-	.5	-	290	272	276	276	276	276
Utah	53.6	.3	-	-	23,033	24,097	20,877	20,798	20,754	20,376
Washington	.8	.3	-	-	487	365	292	304	306	308
Wyoming	2.5	.1	-	.4	16,615	16,198	13,944	14,118	14,133	14,133
Other States	.5	.1	-	-	231	50	11	16	19	19

- Represents zero. [1] Original homestead entries. No homestead entries in 1978. [2] Includes acreage of public lands within grazing districts, as follows (in thousands): 1950, 134,875; 1960, 141,645; 1970, 132,669; 1975, 132,265; 1977, 133,555; and 1978, 133,551.

[3] Includes 4,200 acres for Bureau of Land Management. [4] Excludes Alaska; see footnote 5.

[5] Effective Jan. 17, 1969, all unreserved lands in Alaska were withdrawn from all forms of appropriations or disposition under the Public Land Laws; land and resources were reserved until Dec. 31, 1970, for determination and protection of rights of native Aleuts, Eskimos, and Indians of Alaska. The Alaska Native Claims Act of Dec. 18, 1971, and Public Land Order No. 5418 dated Mar. 25, 1974, withdraws all unreserved lands in Alaska.

Source of tables 400 and 401: U.S. Bureau of Land Management, *Public Land Statistics,* annual.

NO. 402. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1978

[As of **June 30** through 1976; thereafter as of **Sept. 30**; except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970*, series J 41-42, for oil and gas leases]

YEAR	MINERAL CLASS							OTHER CLASSES		
	Total	Leases				Permits	Licenses	Leases		Permits [3]
		Total	Oil and gas [1]	Coal	Other			Total	Grazing [2]	
Number:										
1960	142,114	140,057	139,534	294	229	2,035	22	19,010	9,911	(NA)
1965	101,863	101,086	100,339	379	368	763	14	10,246	8,912	(NA)
1970	100,598	100,010	99,038	525	447	583	5	10,103	8,559	1,111
1975	104,075	103,762	102,815	529	418	309	4	9,253	7,785	1,354
1976	103,800	103,487	101,796	529	1,162	309	4	9,110	7,721	1,267
1977	104,377	104,079	102,130	523	1,426	294	4	9,349	7,981	1,286
1978	105,284	105,088	102,984	524	1,580	183	13	9,155	7,792	1,299
Acreage (1,000):										
1960	118,157	114,136	113,667	199	270	4,020	1	18,615	18,532	914
1965	66,267	64,955	64,148	374	433	1,311	1	18,221	18,057	870
1970	65,374	64,323	63,030	764	529	1,051	(Z)	18,461	18,262	1,378
1975	82,618	81,885	80,621	780	485	733	(Z)	17,315	17,144	1,838
1976	83,543	82,791	80,226	795	1,770	752	(Z)	17,189	17,014	1,468
1977	86,903	86,275	83,319	791	2,164	626	2	17,242	17,122	1,453
1978	90,202	89,823	86,585	790	2,447	334	45	16,509	16,387	906

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see Section 27.
[2] As of Dec. 31. [3] Excludes grazing licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 403. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1920 TO 1979

[**In thousands of acres.** Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1920	1940	1960	1970	1975	1977	1978	1979			
								Total	Indian		Government owned
									Trust allotted [1]	Tribal [2]	
Total	[3] 71,399	55,406	[4] 58,076	55,408	52,316	52,670	52,865	52,962	10,057	42,447	458
Ala	(NA)	(NA)	4,168	4,170	117	118	363	386	299	87	(Z)
Ariz	18,653	19,225	21,515	19,714	20,034	20,037	20,034	20,036	253	19,693	90
Calif	517	667	558	536	546	547	541	573	73	500	(Z)
Colo	469	667	752	755	782	782	782	783	4	779	(Z)
Fla	24	61	79	79	79	79	79	79	-	79	(Z)
Idaho	683	818	835	828	827	828	828	827	334	460	33
Iowa	3	3	4	4	4	4	4	4	-	4	(Z)
Kans	273	36	29	27	26	27	27	28	23	5	(Z)
Mich	153	27	22	21	21	21	21	21	9	12	-
Minn	1,509	653	756	763	764	764	764	764	51	712	1
Miss	(X)	9	16	18	17	18	18	18	(Z)	18	(Z)
Mont	6,054	6,455	5,457	5,274	5,282	5,280	5,275	5,258	3,051	2,204	3
Nebr	360	76	68	62	61	65	65	65	43	22	(Z)
Nev	741	1,127	1,152	1,148	1,153	1,153	1,154	1,154	78	1,068	6
N. Mex	4,697	7,153	6,542	7,209	7,537	7,843	7,843	7,865	678	6,879	308
N.C	63	57	56	57	56	56	56	56	-	56	(Z)
N. Dak	2,105	1,036	879	850	850	851	851	853	650	202	1
Okla	19,552	2,844	1,855	1,424	1,306	1,269	1,250	1,240	1,146	86	8
Oreg	1,718	1,737	1,238	687	761	761	761	761	141	620	(Z)
S. Dak	6,686	5,865	5,064	4,975	5,020	5,085	5,085	5,091	2,516	2,573	2
Utah	1,641	1,693	2,125	2,271	2,276	2,277	2,277	2,286	35	2,251	(Z)
Wash	2,719	2,740	2,591	2,460	2,504	2,508	2,511	2,517	497	2,017	3
Wis	590	445	422	188	407	409	409	409	81	328	(Z)
Wyo	2,102	2,013	1,890	1,887	1,886	1,888	1,887	1,888	95	1,792	1

- Represents zero. NA Not available. X Not applicable. Z Less than 500 acres. [1] Private landholdings of individual Indians. [2] Lands held by Indian tribes. [3] Includes 88,000 acres in N.Y.; not included in totals for later years. [4] Includes 3,000 acres in S.C., not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

No. 404. National Park System—Summary: 1960 to 1979

[For years ending **June 30**, through **1976**, thereafter ending **Sept. 30**; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Finances (mil. dol.):										
Expenditures reported [1]	74.2	131.6	138.8	208.9	250.5	341.8	394.2	427.0	473.4	482.8
Salaries and wages	29.9	48.6	82.5	120.2	128.8	152.1	175.2	211.9	223.5	238.3
Improvements, maintenance	4.7	8.3	15.5	24.4	26.0	40.4	44.0	48.7	63.9	67.9
Construction	33.2	55.3	23.9	28.0	36.6	85.5	105.9	82.4	101.5	76.7
Other	6.5	19.5	17.0	36.3	59.1	63.8	69.0	84.0	84.5	99.9
Funds available	115.7	183.1	174.6	348.1	437.5	428.0	459.6	599.6	653.3	616.7
Appropriations	79.6	128.4	129.4	236.1	295.8	345.6	364.5	492.8	552.1	526.2
Other	36.2	54.7	45.2	112.1	141.7	82.4	95.1	106.8	101.2	90.5
Revenue from operations [2]	5.7	7.4	8.8	16.2	13.9	17.2	19.6	21.3	22.9	21.1
Visits (millions): [3]										
All areas	79.2	121.3	172.0	215.6	217.4	238.8	267.7	262.6	283.1	282.4
National parks [4]	26.6	36.6	45.9	54.7	53.1	58.8	60.6	62.0	62.9	57.5
National monuments	10.7	12.3	17.3	16.3	15.2	17.3	19.3	18.5	19.1	16.8
National historical, archeological, and military areas	21.8	40.7	47.0	71.6	72.9	75.7	82.8	85.5	88.4	83.9
National parkways	9.0	13.0	27.8	33.4	34.5	36.0	38.3	36.8	37.7	35.0
National recreation areas [4]	3.7	6.2	11.5	13.0	18.1	23.9	30.9	36.2	38.9	41.3
National seashores	.5	3.4	9.1	12.2	11.5	13.3	15.2	16.5	17.6	14.2
National Capital Parks [5]	6.9	9.2	10.3	10.9	8.7	11.2	12.0	2.9	3.3	2.8
Miscellaneous other areas	(X)	(X)	3	3	3	2.6	8.5	4.2	15.1	31.5
Overnight stays reported	9.4	13.0	16.2	15.3	15.4	16.7	17.4	17.5	17.6	16.0
Camper days	4.8	8.1	9.0	8.7	8.4	8.8	9.3	9.3	9.1	7.9
Tents	3.6	5.1	4.7	3.8	3.8	3.7	3.9	4.0	3.8	3.4
Recreation vehicles	1.3	3.0	4.3	4.9	4.6	5.1	5.4	5.3	5.4	4.5
In commercial lodgings	2.8	3.3	4.9	3.5	3.7	4.0	3.1	4.0	4.1	4.0
Other	1.8	1.6	2.2	3.2	3.3	3.9	5.0	4.2	4.3	4.1
Land (1,000 acres):										
Total [6]	25,704	26,549	28,543	29,117	29,031	29,091	29,389	29,571	[7] 70,541	70,797
Parks	13,208	13,619	14,307	14,740	14,777	15,344	15,365	15,374	15,679	15,684
Recreation areas	3,214	3,497	3,628	3,648	3,536	3,156	3,276	3,266	3,255	3,280
Other	9,283	9,432	10,608	10,729	10,718	10,590	10,748	10,931	51,607	51,833
Acquisition, gross	21	319	83	476	75	110	163	224	266	86
By purchase	6	42	74	456	59	70	107	218	261	65
By gift	10	13	1	13	10	(Z)	49	5	5	4
By transfer or exchange	5	264	10	6	6	40	7	(Z)	(Z)	17
Exclusion	(Z)	[8](Z)	2	1	(Z)	(Z)	7	(Z)	(Z)	1
Acquisition, net	21	318	82	476	75	110	156	224	266	85

X Not applicable. Z Less than 500 acres. [1] Excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). [2] Receipts deposited in Treasury; beginning 1974, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. They totaled $17.3 million in 1978 and $15.1 million in 1979. [3] For calendar year. For 1960 excludes visits to White House. [4] Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. [5] Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. [6] Federal land only, as of Dec. 31. [7] On Dec. 1, 1978 over 40 million acres of public domain land in Alaska were added to the system. [8] Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1973-1976, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

No. 405. National Park System—Types of Areas: 1979

[As of **December 31.** Totals include White House (18 acres), National Visitor Center, and 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	320	70,797,133	National seashores	10	452,509
			Parkways	4	155,564
National parks	39	15,683,528	National lakeshores	4	123,870
National historical parks	22	66,387	National rivers	10	181,022
National monuments	92	50,236,447	National Capital Parks	1	6,469
National military parks	11	33,439			
National battlefields	9	7,161	Parks, other	10	30,660
			National recreation areas	17	3,280,003
National battlefield parks	3	6,655	National Trail	1	20,735
National battlefield sites	1	12	National preserves	2	490,162
National historic sites	59	14,860	National Mall	1	146
National memorials	22	7,486			

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

NO. 406. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1979, VISITS AND OVERNIGHT STAYS, 1978 AND 1979

[Acreage as of **December 31.** Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1979]

AREA	Acreage,[1] 1979 (1,000)	VISITS (mil.)				OVERNIGHT STAYS[3] (1,000)	
		1978, total	1979				
			Total	Recreation	Nonrecreation[2]	1978	1979
Total, all areas[4]	**76,725**	**283.1**	**282.4**	**205.4**	**77.1**	**17,568**	**15,979**
Blue Ridge Parkway, Ga., N.C., Va.	82	15.4	14.8	11.7	3.1	285	255
Cape Hatteras National Seashore, N.C.	30	2.0	1.7	1.5	.2	320	290
Chickamauga and Chattanooga National Military Park, Ga., Tenn.	8	13.4	13.5	.9	12.6	2	2
Colonial National Historical Park, Va.	10	10.8	10.2	7.2	3.1	–	–
Gateway National Recreation Area, N.J., N.Y.	20	9.0	9.1	8.8	.3	15	13
Glacier National Park, Mont.	1,014	1.6	1.4	1.4	(z)	392	345
Glen Canyon National Recreation Area, Ariz., Utah	1,237	2.2	1.7	1.7	.1	1,329	1,250
Golden Gate National Recreation Area, Calif.	39	9.0	11.3	11.3	–	17	5
Grand Canyon National Park, Ariz.	1,218	3.0	2.3	2.1	.2	985	764
Grand Teton National Park, Wyo.	311	4.2	3.5	2.4	1.0	556	532
Great Smoky Mountains National Park, N.C., Tenn.	517	11.6	11.2	8.0	3.2	588	546
Hot Springs National Park, Ark.	6	5.4	5.1	1.1	4.0	11	9
Indiana Dunes National Lakeshore, Ind.	13	1.0	2.0	1.6	.4	354	410
Kennesaw Mountain National Battlefield Park, Ga.	3	6.6	6.6	.9	5.7	3	4
Lake Mead National Recreation Area, Ariz., Nev.	1,497	6.9	6.4	6.2	.2	1,620	1,443
Natchez Trace Parkway, Miss., Tenn., Ala.	48	14.6	14.2	9.5	4.7	14	14
Olympic National Park, Wash.	909	3.0	2.6	2.1	.5	466	401
Rocky Mountain National Park, Colo.	264	3.0	2.6	2.6	(z)	320	376
Sequoia National Park, Calif.	403	1.0	.8	.8	(z)	345	371
Shenandoah National Park, Va.	194	2.1	1.6	1.5	.1	545	434
Valley Forge National Historical Park, Pa.	2	11.3	11.4	3.1	8.3	–	–
Yellowstone National Park, Idaho, Mont., Wyo.	2,220	2.6	1.9	1.9	(z)	1,486	1,274
Yosemite National Park, Calif.	761	2.7	2.4	2.3	.1	1,801	1,510

– Represents zero. Z Less than 50,000. [1] Includes non-Federal land. [2] Any visit which is part of, or incidental to, the pursuit of a gainful occupation. [3] The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. [4] Includes areas not shown separately.

Source: U.S. National Park Service, *National Park Statistical Abstract,* annual, and unpublished data.

NO. 407. NATIONAL FOREST RECREATION USE—SUMMARY: 1979

[For year ending **September 30.** Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970,* series H 829-835]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas	**220,166**	**100.0**	**Total**	**220,166**	**100.0**
Developed sites	**81,861**	**37.2**	Camping	54,700	24.8
			Picnicking	8,874	4.0
Observation sites	1,254	.6	Recreation travel (mechanized)	49,537	22.5
Boating sites	2,508	1.1	Boating	7,072	3.2
Swimming sites, playgrounds, etc.	1,817	.8	Games and team sports	833	.4
Campgrounds	39,085	17.8	Water skiing and other water sports	888	.4
Picnic grounds	5,596	2.6			
			Swimming and scuba diving	4,632	2.1
Hotels, lodges, resorts	4,520	2.1	Winter sports	14,485	6.6
Organization sites	5,367	2.4	Fishing	16,776	7.6
Recreation residence sites	6,665	3.0	Hunting	15,328	7.0
Winter sports sites	12,840	5.8	Hiking and mountain climbing	11,177	5.1
Visitor centers and concessions	2,209	1.0	Horseback riding	3,166	1.4
			Resort use	4,389	2.0
Dispersed areas	**138,305**	**62.8**	Organization camp use	4,087	1.8
			Recreation residence use	6,652	3.0
Roads (recreation)	50,749	23.0	Gathering forest products	3,916	1.9
Trails (recreation)	11,428	5.2	Nature study	1,211	.5
Waters	26,234	11.9	Viewing scenery, sports	8,321	3.8
General undeveloped country	49,894	22.7	Visitor information (exhibits, etc.)	4,122	1.9

Source: U.S. Forest Service, unpublished data.

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No. 408. State Park Systems—Summary: 1960 to 1979

[For years ending June 30, in most cases. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State Park and State historical agencies. See also *Historical Statistics, Colonial Times to 1970*, series H 836-848]

ITEM	Unit	1960	1970	1975	1979
Areas [1]	Number	2,664	3,425	3,804	[2] 3,851
Acreage [1]	1,000	5,602	8,555	9,838	[2] 9,411
Expenditures	Mil. dol	87	387	649	[3] 1,136
Salaries and wages	Mil. dol	37	122	218	556
Supplies and equip	Mil. dol	19	65	99	
Lands	Mil. dol	12	72	150	180
Improvements	Mil. dol	19	126	167	
Funds available for expenditures	Mil. dol	131	619	1,467	1,089
Appropriations	Mil. dol	69	260	483	328
Other	Mil. dol	62	359	984	761
Revenue from operations	Mil. dol	23	71	115	147

ITEM	Unit	1960	1970	1975	1979
Attendance	Mil	259	483	[3] 566	[3] 596
Day visits	Mil	238	432	465	502
Overnight visits	Mil	21	51	[3] 51	46
Cabins and hotels	Mil	2	3	3	3
Organized camps	Mil	2	2	6	41
Tent and trailer camps	Mil	16	46	40	
Personnel	1,000	17.5	34.3	44.9	(NA)
Professional	1,000	.7	3.4	6.2	(NA)
Year-round	1,000	7.4	13.3	18.1	(NA)
Seasonal	1,000	10.1	21.0	26.8	(NA)

NA Not available. [1] Excludes State forests, wildlife refuges, and waysides not administered by State park agencies. [2] Includes 1975 data for Conn., Mont., N. Mex. [3] Includes data for which the detailed breakdown is not available. 1975 attendance data exclude Texas.

Source: 1960, U.S. Heritage Conservation and Recreation Service (formerly U.S. Bureau of Outdoor Recreation), *State Outdoor Recreation Statistics—1962*. Later data, National Recreation and Park Association, Arlington, Va., *State Park Statistics, 1970* and *1975* (copyright), and unpublished data. 1979 based on data from National Association of State Park Directors, *Annual Information Exchange*.

No. 409. State Park and Recreation Areas—States: 1979

STATE	AREAS Number	AREAS Acres (1,000)	Expenditures [1] (mil. dol.)
U.S.	3,851	9,411	1,078
Ala	23	48	10
Alaska	69	2,941	2
Ariz	18	26	3
Ark	43	42	16
Calif	237	962	410
Colo	32	174	10
Conn	120	(NA)	10
Del	10	9	3
Fla	124	266	18
Ga	61	51	11
Hawaii	58	19	11
Idaho	25	41	4
Ill	211	310	34
Ind	20	54	10
Iowa	90	51	5
Kans	23	29	3
Ky	45	42	47
La	49	30	9
Maine	106	65	5
Md	49	84	20
Mass	138	237	17
Mich	94	226	19
Minn	83	219	16
Miss	27	20	21
Mo	63	95	[2] 2
Mont	[3] 130	[3] 35	(NA)
Nebr	87	124	7
Nev	19	147	[2] 2
N.H	50	71	6
N.J	114	258	23
N.Mex	[3] 33	[3] 164	6
N.Y	147	253	60
N.C	40	116	8
N. Dak	21	17	3
Ohio	88	184	40
Okla	76	91	10
Oreg	235	91	32
Pa	120	296	27
R.I.	88	10	4
S.C.	53	66	15
S. Dak	63	90	4
Tenn	106	139	33
Tex	104	132	23
Utah	44	61	17
Vt	63	31	2
Va	37	53	3
Wash	162	86	15
W.Va	52	149	14
Wis	73	529	7
Wyo	[3] 48	[3] 157	1

NA Not available. [1] Covers operating expenditures and fixed capital outlay expenditures. [2] Excludes capital outlay expenditures. [3] 1975 data.

Source: National Recreation and Park Association, Arlington, Va., unpublished data. Based on data from National Association of State Park Directors, *Annual Information Exchange*.

No. 410. Municipal and County Park and Recreation Areas—Number, Acreage, Professional Personnel, and Selected Facilities: 1950 to 1970

[Represents only park and recreation systems which reported (in 1965, 2,784 municipal and 358 county agencies and, in 1970, 1,119 local agencies). See also *Historical Statistics, Colonial Times to 1970*, series H 849-861]

ITEM	1950	1960	1965	1970
Park and other recreation areas:				
Number	17,142	24,710	30,509	31,235
Acreage (1,000)	644	1,015	1,496	966
Professional personnel	58,029	99,696	119,515	87,717
Full time, year-round	6,784	9,216	19,208	17,287
Playgrounds under leadership	14,747	20,107	24,298	11,691
Selected facilities:				
Ball diamonds, 90 ft	5,502	7,044	9,335	4,486
Bathing beaches	780	951	1,261	760
Selected facilities—Con.:				
Golf courses, 9 and 18 hole	454	585	1,005	518
Outdoor swimming pools	1,289	2,513	4,277	4,435
Tennis courts	13,085	15,676	19,926	12,343
Recreation buildings	2,987	3,828	6,486	9,212
Indoor recreation centers	6,630	13,142	16,041	14,237
Softball diamonds, 60 ft	12,266	14,832	17,467	14,808

Source: National Recreation and Park Association, Arlington, Va. For 1950-1965, *Recreation and Park Yearbook;* For 1970, *Parks & Recreation*, August 1971. (Copyright.)

NO. 411. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1960 TO 1979

[**In millions of dollars.** Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for single-year figures prior to minor revisions issued in 1976]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1975	1976	1977	1978	1979
Total recreation expenditures	**17,855**	**25,907**	**40,999**	**66,527**	**73,315**	**80,998**	**91,244**	**101,046**
Percent of total personal consumption [1]	5.5	6.0	6.6	6.8	6.7	6.7	6.8	6.7
Books and maps	1,139	1,648	2,356	3,603	3,700	4,417	5,420	5,975
Magazines, newspapers, sheet music	2,164	2,662	3,900	7,547	8,095	8,942	9,975	10,384
Nondurable toys and sport supplies	2,477	3,585	5,477	8,602	9,393	10,162	11,692	13,550
Wheel goods, durable toys, sports equip., boats, pleasure aircraft	1,976	2,888	5,511	9,577	10,618	12,102	14,519	17,080
Radio and television receivers, records, musical instruments	3,003	5,041	8,885	14,836	16,528	18,020	19,496	21,036
Radio and television repair	774	933	1,079	1,364	1,496	1,581	1,709	1,948
Flowers, seed, and potted plants	703	1,272	2,134	3,405	3,926	4,149	5,025	5,329
Admissions to specified amusements	1,652	2,123	3,141	4,775	5,471	6,802	7,373	7,949
Motion picture theaters	956	1,067	1,521	2,538	2,987	4,075	4,261	4,339
Legitimate theaters and opera, and entertainments of nonprofit institutions [2]	342	388	556	797	929	1,038	1,271	1,551
Spectator sports	354	668	1,064	1,440	1,555	1,689	1,841	2,059
Clubs and fraternal organizations [3]	728	859	1,197	1,563	1,650	1,726	1,835	2,030
Commercial participant amusements [4]	1,200	1,695	2,317	3,557	3,895	4,118	4,549	5,090
Parimutuel net receipts	539	814	1,144	1,691	1,775	1,837	2,043	2,299
Other [5]	1,500	2,387	3,858	6,007	6,768	7,142	7,608	8,376

[1] See table 733. [2] Except athletic. [3] Consists of dues and fees excluding insurance premiums.
[4] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; and private flying operations.
[5] Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1974*, and *Survey of Current Business*, July issues, and unpublished data.

NO. 412. PARTICIPATION IN SELECTED OUTDOOR RECREATION ACTIVITIES: 1977

[Persons 12 years old and over. Participation from **June 1976** to **June 1977.** Based on a home telephone survey of 4,029 persons drawn from noninstitutional population of conterminous U.S.]

ACTIVITY	PARTICIPANTS		PARTICIPATION		ACTIVITY	PARTICIPANTS		PARTICIPATION	
	Number (mil.)	Percent of population	5 or more times (mil.)	For the first time (mil.)		Number (mil.)	Percent of population	5 or more times (mil.)	For the first time (mil.)
Camping:					Tennis, outdoors	55.7	32	40.9	7.0
Developed areas	51.8	30	21.0	1.9	Other games or sports	94.8	55	73.1	2.6
Undeveloped areas	36.0	21	15.0	.7	Going to outdoor sports events	104.3	61	75.5	.9
Hunting	32.6	19	24.5	.3					
Fishing	91.0	53	61.9	1.9	Visiting zoos, parks, fairs	123.6	72	66.1	.9
Riding off-road vehicle	43.6	25	33.8	2.0	Sightseeing [2]	106.5	62	61.7	1.2
Hiking, backpack	48.1	28	28.1	1.9	Picnicking	123.8	72	84.0	.3
Other walking, jogging	116.1	68	96.7	4.1	Pleasure driving	118.3	69	97.9	.7
Bicycling	79.4	46	66.1	1.5	Skiing, downhill	11.9	7	7.3	2.0
Horseback riding	25.2	14	13.5	1.0	Ice skating, outdoor	27.8	16	15.7	.9
Water skiing	26.8	15	13.1	2.7	Sledding	35.5	20	20.8	.5
Sailing	19.1	11	7.8	2.0	Snowmobiling	13.8	8	7.8	1.5
Canoeing, kayaking, etc	26.9	15	9.0	2.6	Parachute jumping	.2	(Z)	.2	.2
Other boating	57.3	33	34.3	1.5	Rock climbing	.2	(Z)	-	-
Swimming: [1] Pool	107.4	63	83.5	.9	Gardening	3.4	2	2.7	.2
Other	77.9	45	59.5	.3	Exercising	.2	(Z)	-	.2
Scuba diving	.2	(Z)	.2	-	Skate boarding	.2	(Z)	.2	.3
Golf	27.1	15	18.9	2.4					

- Represents zero. Z Less than one percent. [1] Includes sunbathing. [2] Historic or national sites.

Source: U.S. Heritage Conservation and Recreation Service, unpublished data.

No. 413. Selected Recreational Activities: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

Activity	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Softball, amateur: [1]									
Total participants [2]	Mil.	(NA)	(NA)	16	26	28	28	29	30
Youth participants	1,000	(NA)	(NA)	255	450	475	495	570	600
Adult teams [3]	1,000	(NA)	(NA)	29	66	73	80	92	102
Youth teams [3]	1,000	(NA)	(NA)	2	9	10	13	14	15
Golfers (15 rounds or more) [4]	1,000	4,400	7,750	9,700	12,036	12,328	12,451	12,655	12,870
Golf courses [5]	Number	6,385	8,323	10,188	12,308	12,305	12,511	12,684	12,788
9-hole	Number	3,660	4,554	5,343	6,024	5,938	5,960	5,985	6,001
18-hole and larger	Number	2,725	3,769	4,845	6,282	6,367	6,551	6,699	6,787
Classification:									
Private	Number	3,236	3,887	4,619	5,085	5,069	5,136	5,168	5,146
Daily fee	Number	2,254	3,368	4,248	5,473	5,445	5,538	5,622	5,702
Municipal	Number	895	1,068	1,321	1,748	1,791	1,837	1,894	1,940
Tennis: [6] Players	1,000	5,000	(NA)	10,655	[7 8] 33,949	[7] 29,201	(NA)	[7] 31,217	32,271
Indoor	1,000	(NA)	(NA)	(NA)	[7 8] 3,463	[7] 4,072	(NA)	(NA)	5,000
Tennis courts	1,000	(NA)	(NA)	(NA)	130.0	141.0	(NA)	(NA)	160.0
Indoor	1,000	(NA)	(NA)	(NA)	7.8	9.0	(NA)	(NA)	11.9
Tenpin bowling: [9]									
Establishments	Number	8,997	10,752	9,140	8,577	8,607	8,640	8,698	8,699
Lanes	1,000	108	159	141	141	143	147	152	155
Membership, total [10]	1,000	5,538	8,010	7,733	8,751	9,196	9,453	9,717	9,740
American Bowling Congress	1,000	3,665	4,944	4,210	4,300	4,500	4,583	4,686	4,735
Women's Bowling Congress	1,000	1,543	2,736	2,988	3,692	3,870	4,044	4,177	4,198
Duckpin bowling: [11 12]									
Establishments	Number	653	641	486	205	206	200	197	185
Lanes	Number	8,707	8,714	6,648	3,643	3,618	3,517	3,496	3,376
Teams	1,000	62.1	80.8	75.3	25.9	25.6	27.7	25.7	22.5
Motion picture theaters [13 14]	1,000	[12 15] 16	13	14	15	16	16	16	17
Four-wall	1,000	[12 15] 12	9	10	11	12	13	13	13
Drive-in	1,000	[12 15] 4	4	4	4	4	3	3	4
Receipts, box office	Mil. dol.	[12 15] 951	927	1,225	2,115	2,036	2,372	2,643	2,821
Admission, average price	Dollars	[12 15] .65	[16] .85	1.55	2.05	2.13	2.23	2.34	2.52
Bicycles: [17]									
Domestic shipments	Mil.	2.6	4.6	5.0	10.1	5.6	6.4	7.5	9.0
Imports	Mil.	1.1	1.0	1.9	4.0	1.7	1.7	1.9	1.8
Boating: [18]									
Recreational boats owned [19]	Mil.	[20] 7.2	7.9	8.8	9.7	10.1	10.5	11.3	11.6
Expenditures, total [21]	Bil. dol.	2.5	2.7	3.4	4.8	5.3	5.9	6.7	7.5
Outboard motors in use	1,000	5,800	6,645	7,215	7,649	7,700	7,760	7,880	7,958
Motors sold	1,000	468	393	430	435	468	462	450	375
Value, retail	Mil. dol.	221	183	281	411	515	607	634	597
Outboard boats sold	1,000	[22] 294	250	276	328	341	336	331	322
Value, retail	Mil. dol.	(NA)	133	177	263	358	391	430	452
Inboard/outdrive boats sold	1,000	([22])	17	43	70	80	84	90	89
Value, retail	Mil. dol.	(NA)	64	182	420	576	672	819	827
Snowmobiles: [23]									
Factory sales	1,000	(NA)	15	172	144	109	125	155	115
Apparent consumption [24]	1,000	(NA)	32	405	145	117	139	183	167

NA Not available. [1] Source: Amateur Softball Association, Oklahoma City, Okla.
[2] Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only.
[4] Source: National Golf Foundation, North Palm Beach, Fla. [5] Prior to 1975, figures represent facilities.
[6] Source: U.S. Tennis Association, Princeton, N.J. [7] Survey by A. C. Nielsen Co.
[8] 1974 data. [9] Source: American Bowling Congress, Greendale, Wis. Season ending in year shown.
[10] Includes American Jr. Bowling Congress. Beginning 1978, covers members in U.S. only.
[11] Source: National Duckpin Bowling Congress, Washington, D.C. Season beginning in year shown.
[12] Excludes Alaska and Hawaii. [13] Source: Motion Picture Association of America, Inc., New York, N.Y.
[14] Prior to 1975, figures represent theaters; thereafter, screens. [15] 1958 data. [16] 1963 data.
[17] Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C. [18] Source: Marex, Inc., Chicago, Ill.
[19] Covers inboard and outboard motor boats, sailboats, canoes, rowboats, and other craft. [20] 1961 data.
[21] Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses.
[22] Inboard/outdrive boats sold included with outboard boats sold.
[23] Source: U.S. International Trade Commission.
[24] Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

No. 414. Sport Fishing and Hunting Licenses—Number and Cost: 1955 to 1978

[For years ending **June 30** except, beginning **1976,** ending **Sept. 30.** For 1955, fishing and hunting licenses exclude Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series H 875-876]

ITEM	Unit	1955	1960	1965	1970	1974	1975	1976	1977	1978
Fishing licenses: Sales	Mil	**18.9**	**23.3**	**25.0**	**31.1**	**34.3**	**34.7**	**34.9**	**34.0**	**32.8**
Resident	Mil	16.2	20.2	21.6	26.8	29.5	30.0	29.8	29.0	27.9
Nonresident	Mil	2.6	3.1	3.4	4.3	4.8	4.7	5.1	5.0	4.9
Cost to anglers	Mil. dol	40	52	63	91	128	142	155	156	159
Hunting licenses: Sales	Mil	**14.2**	**18.4**	**19.4**	**22.2**	**25.1**	**25.9**	**25.2**	**25.4**	**25.8**
Resident	Mil	13.9	17.8	18.5	21.0	23.8	24.7	24.0	24.1	24.4
Nonresident	Mil	.3	.6	.9	1.2	1.3	1.3	1.3	1.3	1.4
Cost to hunters	Mil. dol	43	61	75	102	143	155	164	173	185
Federal duck stamps sold	1,000	**2,185**	**1,629**	**1,566**	**2,072**	**2,046**	**2,222**	**2,219**	**2,197**	**2,209**

No. 415. Sport Fishing and Hunting Licenses—Number and Cost, by States: 1978

[For year ending **Sept. 30.** Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	PAID LICENSE HOLDERS [1] (1,000)		COST OF LICENSES [2] ($1,000)		STATE	PAID LICENSE HOLDERS [1] (1,000)		COST OF LICENSES [2] ($1,000)	
	Fishing	Hunting	Fishing	Hunting		Fishing	Hunting	Fishing	Hunting
United States	**26,150**	**16,277**	**158,949**	**185,107**	Missouri	818	472	5,621	5,552
					Montana	329	208	3,468	3,997
Alabama	583	343	2,213	2,264	Nebraska	202	151	1,827	2,882
Alaska	179	69	2,229	2,131	Nevada	160	45	1,212	703
Arizona	447	189	3,107	2,840	New Hampshire	123	93	1,167	1,284
Arkansas	627	332	4,695	3,385	New Jersey	155	178	1,490	2,420
California	2,192	569	17,097	6,490	New Mexico	179	116	1,654	2,545
Colorado	612	315	4,931	16,467	New York	822	729	5,130	7,607
Connecticut	184	81	697	386	North Carolina	456	375	3,420	3,538
Delaware	13	28	70	230	North Dakota	160	102	444	1,037
Florida	750	263	2,826	1,637	Ohio	871	559	3,597	3,881
Georgia	617	374	2,283	2,904	Oklahoma	606	279	3,298	2,307
Hawaii	9	11	28	88	Oregon	732	373	5,885	6,158
Idaho	377	217	2,368	3,880	Pennsylvania	1,005	1,286	7,298	15,063
Illinois	719	423	1,724	1,482	Rhode Island	30	15	94	64
Indiana	651	420	2,296	1,992	South Carolina	399	219	1,957	2,022
Iowa	464	345	1,945	3,145	South Dakota	136	128	658	1,926
Kansas	317	226	1,691	1,937	Tennessee	659	484	4,726	2,475
Kentucky	602	324	2,874	2,507	Texas	1,483	867	6,058	5,826
Louisiana	429	359	953	2,757	Utah	369	227	2,296	3,109
Maine	252	227	2,492	3,597	Vermont	135	153	721	1,806
Maryland	128	181	648	2,258	Virginia	431	449	2,346	4,286
Massachusetts	186	109	1,462	942	Washington	567	345	5,006	5,570
Michigan	1,255	953	8,937	9,407	West Virginia	273	317	1,791	2,568
Minnesota	1,339	483	8,239	6,603	Wisconsin	1,425	739	8,801	8,192
Mississippi	395	312	1,400	2,181	Wyoming	295	216	1,775	6,773

[1] Resident and nonresident. U.S. total includes multiple counting of license holders who bought nonresident licenses as well as a home State license. [2] Total cost to holders for all licenses, permits, tags, stamps, etc.

Source of tables 414 and 415: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration,* annual.

No. 416. Sport Fishermen and Hunters: 1960 to 1975

[**In thousands.** Persons 12 yr. old and over, except **1975,** 9 yr. old and over. **1960** and **1975,** persons who fished and hunted; **1965,** persons who spent $5 or more; **1970,** persons who spent $7.50 or more; also for **1965** and **1970,** persons who reported 3 or more fishing and hunting days in year. **1960-1970** based on samples of approximately 18,000 households; for **1975,** on 20,200 individuals. NA = Not available]

ITEM	Fishermen and hunters, **1960**	Fishermen and hunters, **1965**	**1970,** PERSONS WHO—			**1975,** PERSONS WHO—		
			Fished and/or hunted	Fished	Hunted	Fished and/or hunted	Fished	Hunted
Total	**30,435**	**32,881**	**36,277**	**33,158**	**14,336**	**59,536**	**53,929**	**20,591**
Male	23,171	25,216	26,928	24,073	13,467	(NA)	37,211	18,944
Female	7,264	7,665	9,349	9,085	869	(NA)	16,718	1,647
Metropolitan areas	8,741	14,811	15,354	14,417	4,606	(NA)	36,672	11,531
Nonmetropolitan areas	21,693	18,070	20,923	18,741	9,731	(NA)	17,257	9,060

Source: U.S. Fish and Wildlife Service, *National Survey of Fishing and Hunting, 1960, 1965* and *1970;* and *National Survey of Hunting, Fishing, and Wildlife—Associated Recreation,* 1975.

NO. 417. SELECTED SPECTATOR SPORTS: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970,* series H 865-870 and H 872]

SPORT	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Baseball, major leagues: [1] [2]									
Attendance	1,000	20,261	22,806	29,191	30,373	31,974	39,523	41,402	44,262
Regular season	1,000	19,911	22,442	28,747	29,789	31,318	38,710	40,637	43,550
National League	1,000	10,685	13,581	16,662	16,600	16,661	19,070	20,107	21,178
American League	1,000	9,227	8,861	12,085	13,189	14,658	19,640	20,530	22,372
Playoffs	1,000	(X)	(X)	191	276	432	475	428	344
World Series	1,000	350	364	253	308	223	338	337	368
Basketball: [3]									
College: [4] Teams	Number	(NA)	(NA)	(NA)	(NA)	(NA)	1,214	1,253	1,240
Attendance	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	29,041	29,104	30,025
Professional, attendance [1] [5]	1,000	1,986	2,750	[6] 7,113	[6] 10,954	8,494	10,706	10,672	10,665
Football:									
College: [4] Teams	Number	620	616	617	634	637	638	643	643
Attendance	1,000	20,403	24,683	29,466	31,688	32,012	32,905	34,252	35,020
Pro: [7] Total attendance	1,000	[8] 4,154	[8] 6,547	9,992	10,689	11,563	11,552	13,395	13,812
Regular season	1,000	[8] 4,054	[8] 6,416	9,533	10,213	11,071	11,018	12,771	13,182
Postseason games [9]	1,000	[8] 100	[8] 131	458	476	493	534	624	630
N. American Soccer League: [10]									
Teams	Number	(X)	(X)	6	20	20	18	24	24
Attendance	1,000	(X)	(X)	(NA)	1,825	2,748	3,674	5,351	5,800
National Hockey League: [3] [11]									
Regular season attendance	1,000	2,387	2,823	5,992	9,522	9,104	8,564	8,526	8,333
Playoffs attendance	1,000	187	304	462	784	727	646	686	694
World Hockey Association: [3] [12]									
Regular season attendance	1,000	(X)	(X)	(X)	4,096	4,123	3,625	2,890	2,193
Playoffs attendance	1,000	(X)	(X)	(X)	336	446	401	231	186
Professional boxers [13] [14]	Number	[15] 2,920	2,202	5,071	7,647	8,327	8,872	9,143	9,461
Boxing receipts, gross [13] [16]	$1,000	[15] 5,902	8,264	10,642	13,179	[17] 18,000	[17] 19,036	24,785	28,653
Horseracing: [18] [19] Racing days	Number	6,099	8,051	9,962	13,110	13,570	13,300	13,147	[20] 13,083
Attendance	1,000	46,879	62,887	69,704	78,662	79,307	75,987	75,324	[20] 73,818
Parimutuel turnover	Mil. dol	3,358	4,615	5,977	7,862	9,421	9,698	10,029	[20] 10,580
Revenue to States	Mil. dol	258	370	486	582	616	700	673	[20] 707
Greyhound: [18] Racing days	Number	2,478	3,443	3,023	3,960	4,589	5,218	5,501	5,813
Attendance	1,000	7,924	10,865	12,660	17,458	18,978	19,985	20,272	21,155
Parimutuel turnover	Mil. dol	322	460	730	1,261	1,429	1,591	1,746	1,987
Revenue to States	Mil. dol	22	33	53	91	107	119	128	140

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, N.Y., *National League Green Book;* and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book.* [3] Season ending in year shown. [4] Source: National Collegiate Athletic Assn., Shawnee Mission, Kans. [5] Source: National Basketball Assn., New York, N.Y. Includes playoffs. [6] Includes American Basketball Assn., which, beginning 1977, ceased operation. [7] Source: *National Football League,* New York, N.Y. [8] Includes American Football League. Beginning 1970, American Football League merged with *National Football League.* [9] Beginning 1970, includes Pro Bowl, a non-championship game. [10] Source: North American Soccer League, New York, N.Y. [11] Source: National Hockey League, Montreal, Quebec. [12] The World Hockey Assn., Hartford, Conn. [13] Source: The Ring Publishing Corp., New York, N.Y., *The Ring Magazine* (copyright). [14] Boxers listed for one or more bouts. [15] Excludes Alaska. [16] Excludes closed-circuit TV receipts. [17] Unpublished unofficial estimate. [18] Source: National Assn. of State Racing Commissioners, Lexington, Ky. [19] Includes thoroughbred, harness, quarter horse, and fairs. [20] Estimate.

Source: Compiled from sources listed in footnotes.

NO. 418. GAMBLING OUTLAYS, BY TYPE, AND PERCENT OF ADULTS PARTICIPATING: 1974

[Covers gambling by persons 18 years old and over for types listed. The standard errors of the estimated total volume of legal and illegal betting are about 17 percent and 25 percent, respectively, of the mean values shown. Therefore, the chances are about 68 out of 100 that the true total lies within a range of $17.3 billion ±$3.0 billion for legal betting and $5.1 billion ±$1.3 billion for illegal. See also headnote, table 419]

TYPE	Total outlays ventured (mil. dol.)	Net outlays [1] (mil. dol.)	ADULTS WHO GAMBLE		TYPE	Total outlays ventured (mil. dol.)	Net outlays [1] (mil. dol.)	ADULTS WHO GAMBLE	
			Percent of all adults	Avg. annual outlay				Percent of all adults	Avg. annual outlay
All types	**22,421**	**4,385**	**48.0**	**$387**	Illegal	5,074	1,039	11.2	$318
Legal	17,347	3,347	[2] 44.3	273	Sports books	2,341	105	1.9	623
Horses at track	7,930	1,247	13.7	448	Horse books	1,368	227	2.4	416
OTB, [3] New York	967	171	[4] 13.5	[4] 1,118					
Legal casinos	6,076	1,004	9.4	448	Numbers	1,064	575	3.0	273
Bingo	1,735	551	18.7	74	Sports cards	191	115	3.0	44
Lotteries	639	374	24.0	25	Casino games	110	19	(NA)	(NA)

NA Not available. [1] Dollars lost by bettors or amount taken out by commercial operators before remainder is paid back as winnings. [2] Includes dog tracks, jai alai, and other games not shown separately. [3] Off-track betting. [4] N.Y. area only.

Source: Institute for Social Research, University of Michigan, Ann Arbor, Michigan, *Gambling in the United States,* 1976.

No. 419. Percent of Adults Who Gamble, by Betting Status: 1974

[In percent, except as indicated. Persons 18 years old and over living in housing units, except those living on military reservations. Based on a national sample of 1,736 respondents (usable interviews)]

CHARACTERISTIC	All non-bettors	Never have bet	BETTORS		
			All [1]	Legal commercial [2]	Illegal
Total	**39**	**32**	**61**	**44**	**11**
Adult equivalent (mil.)	56.2	46.1	87.9	63.4	15.9
Male	32	25	68	47	17
Female	45	39	55	42	5
White	38	31	62	45	10
Black and other	48	39	52	36	17
18–24 years old	27	25	73	48	15
25–44 years old	31	26	69	52	14
45–64 years old	40	33	60	42	8
65 years old and over	77	65	23	17	2
Employed	29	23	71	50	15
Unemployed	31	25	69	54	15
Annual income of—					
Under $5,000	76	66	24	17	3
$5,000–$10,000	49	42	51	39	8
$10,000–$15,000	31	24	69	46	10
$15,000 and over	26	21	74	54	15
Married	38	31	62	44	11
Divorced or separated	29	23	71	57	16
Widowed	82	72	18	16	2
Never married	30	27	70	53	15
Not high school graduate	59	49	41	30	8
High school graduate	34	29	66	48	12
Some college	28	22	72	52	13
College graduate	21	18	79	56	11
Catholic	20	17	80	65	16
Protestant	46	38	54	36	9
Baptist	55	47	45	30	10
Methodist	37	30	63	41	11
Bible-oriented sects	67	57	33	19	8
Other [3]	26	20	74	51	10
Jewish	23	23	77	66	19
Atheist, no preference	60	44	40	33	5
Northeast	20	17	80	67	19
North Central	34	28	66	48	12
South	60	52	40	23	6
West	35	24	65	47	7

[1] Bettors are persons who gambled at any time during the year. Includes betting only with friends, not shown separately. [2] Covers bettors who made legal commercial bets and bets with friends, and bettors who made only legal commercial bets. [3] Presbyterian, Lutheran, Congregational, and Episcopal.

Source: Institute for Social Research, University of Michigan, Ann Arbor, Michigan, *Gambling in the United States*, 1976.

No. 420. Federal Aid to the Arts and Humanities: 1970 to 1979

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1972	1973	1974	1975	1976	1977	1978	1979
National Endowment for the Arts:									
Funds available [1]	15.7	36.3	45.3	71.8	86.9	95.6	114.5	142.0	179.6
Program appropriation	6.3	26.2	34.7	54.3	67.3	74.5	77.5	89.1	102.1
Non-Federal gifts [2]	2.0	3.5	3.6	7.3	7.7	7.5	16.5	25.5	37.5
Matching funds [3]	2.0	3.5	3.5	6.5	7.5	7.5	16.5	25.5	37.5
Grants awarded (number)	556	1,543	2,112	2,957	3,071	4,325	4,302	4,225	5,090
Funds obligated	12.9	33.1	42.0	67.6	81.7	92.6	112.6	141.9	178.4
Music	2.5	9.7	10.4	16.1	14.9	17.2	25.1	29.0	29.5
State arts agencies	1.9	5.5	6.9	10.6	14.7	15.6	16.3	20.0	24.4
Museums	(NA)	4.1	4.6	9.0	10.8	11.4	12.9	23.1	25.8
Theater	2.8	2.7	3.3	5.0	6.4	6.3	7.3	8.9	13.4
Dance	1.7	2.3	2.8	3.9	6.1	5.6	7.9	8.7	13.5
Public media	.2	2.0	2.8	4.9	5.4	9.3	8.2	10.1	11.3
Other	3.8	6.8	11.3	18.3	23.3	27.2	34.9	42.0	60.6
National Endowment for the Humanities:									
Funds available [1]	13.0	36.4	47.5	65.6	86.0	98.8	124.3	137.8	186.9
Program appropriation	6.1	24.5	34.5	44.5	67.3	72.0	77.5	87.8	98.3
Non-Federal gifts [2]	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5
Matching funds [3]	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5
Grants awarded (number)	542	1,109	1,256	1,293	1,330	1,614	2,045	2,701	2,600
Funds obligated	10.5	31.9	40.5	60.2	73.1	86.6	116.8	149.0	185.1
Education programs	4.2	12.8	11.8	17.1	17.1	20.0	20.1	19.8	20.0
State programs	(x)	(x)	(x)	(x)	(x)	(x)	19.9	20.5	24.7
Research grants	2.0	7.8	9.7	13.7	13.4	18.6	22.2	26.3	32.2
Fellowship program	1.7	5.3	7.4	7.5	10.9	11.7	13.2	15.5	16.8
Public programs	1.7	5.3	9.7	19.0	26.3	31.2	15.7	19.4	23.7
Planning	.9	.7	1.9	2.9	5.5	5.1	6.6	7.9	12.1
Challenge [4]	(x)	(x)	(x)	(x)	(x)	(x)	19.1	39.5	55.6

NA Not available. X Not applicable. [1] Includes other funds, not shown separately. Excludes administrative funds. [2] Gifts only received by the Endowment for the support of a cultural organization which release a like amount in Federal funds. [3] Represents Federal funds appropriated only upon receipt by Endowment of matching non-Federal gifts. [4] Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar.

Source: U.S. National Endowment for the Arts, *Annual Report;* and U.S. National Endowment for the Humanities, *Annual Report.*

No. 421. Performing Arts—Selected Data: 1960 to 1979

[**Receipts and expenditures in millions of dollars.** For season ending in year shown, except as indicated]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Legitimate theater: [1]										
Broadway shows:										
New productions	58	67	62	58	50	59	62	63	54	47
Playing weeks [2 3]	1,156	1,,250	1,047	889	907	1,101	1,136	1,347	1,360	1,472
Gross box office receipts	45.7	50.5	53.3	45.3	46.3	57.4	70.8	93.4	103.8	128.1
Road shows:										
Playing weeks [3]	728	643	1,024	1,056	899	799	814	987	1,025	1,192
Gross box office receipts	27.3	25.9	48.0	55.9	45.7	50.9	52.6	82.6	105.6	143.9
Opera companies [4]	**754**	**732**	**648**	**817**	**902**	**807**	**913**	**914**	**956**	**966**
Major	(NA)	27	35	48	53	54	65	68	78	95
Expenditures	(NA)	(NA)	36.5	(NA)	(NA)	(NA)	71.8	79.7	96.3	111.5
Other companies	403	296	266	356	400	335	412	424	458	456
Workshops	351	409	347	413	449	418	436	422	420	415
Performances	4,232	4,176	4,779	5,993	6,676	6,428	7,109	7,389	7,806	8,554
Operas performed	287	331	341	425	403	387	427	427	448	498
World premiere	(NA)	(NA)	17	43	32	16	45	33	42	64
Attendance (mil.)	(NA)	(NA)	4.6	(NA)	8.0	8.0	8.9	9.2	9.8	9.9
Symphony orchestras [5]	**1,226**	**1,385**	**1,441**	**1,463**	**1,463**	**1,463**	**1,410**	**1,453**	**1,470**	**1,540**
College	250	290	298	300	300	300	356	356	278	379
Community	933	1,032	1,019	1,017	1,003	1,003	872	888	[6] 950	[6] 909
Urban	([7])	([7])	24	36	43	41	56	69	76	79
Metropolitan	18	38	72	82	88	90	79	86	106	113
Regional	([8])	([8])	([8])	([8])	([8])	([8])	16	23	29	29
Major	25	25	28	28	29	29	31	31	31	31
Musicians	(NA)	2,216	2,513	2,454	2,614	2,635	2,782	2,772	2,781	2,820
Concerts played	(NA)	2,987	4,349	4,531	4,723	4,909	5,314	5,904	5,851	5,656
Attendance (mil.)	(NA)	6.8	9.0	10.8	11.8	12.0	13.4	13.7	13.7	13.7
Ensemble concerts	(NA)	(NA)	(NA)	812	1,208	1,191	956	1,002	1,197	1,492
Attendance (1,000)	(NA)	(NA)	(NA)	520	544	650	605	353	411	306
Gross expenditures	(NA)	27.7	58.8	75.6	85.6	96.6	108.4	121.5	136.0	161.1

NA Not available. [1] Source: *Variety*, New York, N.Y., June 6, 1979 issue (copyright). [2] All shows (new productions and *holdovers from previous* seasons). [3] Eight performances constitute one playing week. [4] Source: Central Opera Service, New York, N.Y., *Directory of American Opera Producing Organizations*, Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to all soloists. Workshops are primarily *college and university opera companies*. [5] Source: American Symphony Orchestra League, Inc., Vienna, Va. For years ending Aug. 31. Orchestras other than college groups are *principally defined* by their annual budgets: As of 1979, community, under $50,000; urban, $50,000-$100,000; metropolitan, $100,000-$500,000; regional, $500,000-$2,000,000; and major, over $2,000,000. Prior to 1976, other budget classifications were in effect. [6] Includes youth and chamber groups with budgets under $50,000. [7] *Classification began in 1967.* [8] Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 422. Museums—Selected Data, by Major Museum Interest and Governing Authority: 1972

[For year ending **June 30.** Based on representative sample of 728 museums. See source for methodology]

ITEM	Total	MAJOR INTEREST					GOVERNING AUTHORITY		
		Art	History	Science	Art and history	Other combined [1]	Private nonprofit	Government	Educational body
Museums	1,821	340	683	284	186	328	1,018	623	180
Percent by annual budget size:									
Under $50,000	44	33	62	18	55	43	47	45	43
$50,000-$99,999	19	22	17	20	15	20	19	18	17
$100,000-$499,999	27	29	19	42	23	30	24	29	34
$500,000-$999,999	5	8	1	10	5	2	5	4	4
$1,000,000 and over	5	8	1	10	2	5	5	4	2
Museum visits (mil.)	308	43	75	117	18	56	127	171	10
Full-time paid personnel (1,000)	30	8	5	9	3	5	18	10	2
Part-time paid personnel (1,000)	19	4	4	5	2	4	12	5	2
Volunteers (1,000)	64	24	18	10	4	9	48	13	3
Total income (mil. dol.)	513	158	69	153	53	80	333	152	28
Percent by source of income:									
Operating revenues	29	24	30	30	61	18	37	15	9
Private support	21	32	14	18	18	14	26	5	58
Non-operating revenues	13	23	8	8	10	9	18	2	15
Municipal and county govt	18	13	10	24	3	30	12	31	3
State government	7	2	24	3	4	12	4	15	8
Federal government	12	6	14	17	4	17	3	32	7

[1] *Composed of art and science museums*, history and science museums, and art, history, and science museums.

Source: U.S. National Endowment for the Arts, *Museums USA*, 1974.

No. 423. Volume and Characteristics of Travel: 1972 and 1977

[A trip is counted each time a person goes at least 100 miles away from home. Based on Census of Transportation, National Travel Survey; see Appendix III]

Characteristic	1972				1977					
	Person-trips		Person-miles [1]		Household trips		Person-trips		Person-miles [1]	
	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent
Total	**458**	**100.0**	**362**	**100.0**	**313**	**100.0**	**539**	**100.0**	**382**	**100.0**
Auto/truck, no camping equipment	356	77.7	229	63.3	222	71.1	411	76.3	208	54.4
Auto/truck with camping equipment	34	7.4	28	7.7	14	4.4	31	5.8	23	5.9
Bus	8	1.8	6	1.6	12	3.8	15	2.8	9	2.3
Train	2	.4	2	.5	3	1.0	4	.8	4	1.0
Airplane	54	11.8	94	25.9	52	16.7	66	12.2	126	33.0
Other [2]	4	.8	4	1.2	9	2.9	13	2.3	13	3.4
Purpose of trip: Visiting	176	38.4	140	38.7	101	32.2	198	36.8	140	36.7
Business/convention	93	20.2	80	22.0	87	27.7	105	19.6	87	22.8
Outdoor recreation	57	12.4	33	9.0	36	11.5	71	13.1	36	9.3
Entertainment, sightseeing	61	13.3	56	15.3	37	11.8	70	13.0	58	15.3
Personal, shopping, medical	72	15.7	54	14.9	38	12.2	71	13.1	44	11.6
Other					14	4.6	24	4.4	17	4.4
Round-trip distance:										
200-399 miles	189	41.2	55	15.1	155	49.5	272	50.5	75	19.6
400-599 miles	92	20.0	44	12.1	53	17.0	94	17.4	46	11.9
600-799 miles	45	9.9	31	8.5	24	7.6	41	7.5	28	7.3
800-999 miles	25	5.5	22	6.1	14	4.5	24	4.5	21	5.6
1,000-1,999 miles	48	10.4	66	18.1	29	9.3	48	8.8	67	17.4
2,000 miles and over	41	8.9	145	40.0	27	8.8	43	7.9	146	38.1
Outside United States	18	4.0	(X)	(X)	10	3.3	18	3.3	(X)	(X)
Duration of trip:										
No nights out of town	83	18.0	31	8.6	64	20.3	101	18.7	32	8.4
1 night	(NA)	(NA)	(NA)	(NA)	52	16.6	89	16.5	38	9.8
2-3 nights	(NA)	(NA)	(NA)	(NA)	108	34.7	193	35.8	103	26.9
4-9 nights	(NA)	(NA)	(NA)	(NA)	61	19.6	108	20.0	117	30.6
10-15 nights	(NA)	(NA)	(NA)	(NA)	15	4.9	28	5.2	51	13.3
16 nights or more	16	3.4	35	9.7	12	3.9	20	3.8	42	11.0
Number on trip:										
1 person	120	26.2	106	29.3	186	59.4	186	34.6	147	38.5
2 persons	131	28.5	109	30.3	79	25.2	164	30.5	119	31.2
3-4 persons	(NA)	(NA)	(NA)	(NA)	39	12.4	137	25.5	86	22.5
5 persons or more	(NA)	(NA)	(NA)	(NA)	9	3.0	51	9.5	30	7.9

NA Not available. X Not applicable. [1] Miles of travelers adjusted for circuity based on type of transport. [2] Includes different means of going and coming.

No. 424. U.S. Travel, by Selected Characteristics of Travelers: 1977

[See headnote, table 423]

Characteristic	Travelers						Households [2]			
	Total		Person-trips		Person-miles [1]		Traveling		Nontraveling	
	Number (mil.)	Percent	Number (mil.)	Percent	Number (bil.)	Percent	Number (mil.)	Percent	Number (mil.)	Percent
Total	**136**	**100.0**	**539**	**100.0**	**382**	**100.0**	**54**	**100.0**	**21**	**100.0**
Male	67	49.2	296	54.8	212	55.3	42	78.4	13	63.2
Female	69	50.8	244	45.2	171	44.7	12	21.6	8	36.8
White	124	91.1	505	93.7	356	93.2	49	90.6	17	81.2
Black and other	12	8.9	34	6.3	26	6.8	5	9.4	4	18.8
Under 18 years	38	28.0	116	21.5	73	19.0	(z)	(z)	-	-
18-24 years	19	13.7	62	11.5	40	10.4	5	10.1	2	7.6
25-44 years	40	29.3	193	35.8	138	36.0	23	41.9	6	28.0
45-64 years	29	21.3	135	25.0	104	27.1	*18*	*33.8*	*6*	*29.3*
65 and over	10	7.7	33	6.2	29	7.5	8	14.2	7	35.1
Owned dwelling	101	74.3	404	74.9	288	75.2	37	67.9	12	57.5
Rented dwelling [3]	35	25.7	136	25.1	95	24.8	17	32.1	9	42.5
Family income:										
Under $5,000	12	8.8	35	6.5	24	6.3	7	12.4	7	33.4
$5,000-$7,499	11	8.1	33	6.1	24	6.2	5	9.8	4	17.1
$7,500-$9,999	10	7.6	33	6.2	23	5.9	5	9.1	2	10.6
$10,000-$14,999	31	22.6	111	20.6	73	19.1	12	23.2	4	18.6
$15,000-$19,999	26	18.9	102	18.8	66	17.3	9	17.4	2	12.0
$20,000-$24,999	20	14.9	85	15.8	58	15.3	7	12.7	1	4.6
$25,000 and over	26	19.2	140	25.9	114	29.8	8	15.4	1	3.8

- Represents zero. Z Fewer than 500 thousand or .05 percent. [1] See footnote, 1, table 423. [2] For sex, race, and age, refers to householder; see text, pp. 3 and 4. [3] Includes occupied without cash payment.

Source of tables 423 and 424: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey.*

No. 425. Characteristics of Household Trips, by Purpose of Trip: 1977

[See headnote, table 423]

Characteristic	Total household trips (mil.)	Percent						
		Total	Visit relatives, friends	Business, convention	Outdoor recreation	Personal affairs, medical	Entertainment	Sightseeing
Total	**313**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Means of transport:								
Auto/truck	236	75.5	81.5	61.9	90.2	82.3	75.1	67.3
Bus	12	3.8	2.8	1.2	3.6	2.6	8.9	11.5
Train	3	1.0	1.2	1.5	.2	.9	.8	1.0
Airplane	52	16.7	11.4	33.0	3.9	10.3	12.6	17.3
Other [1]	9	2.9	3.2	2.4	2.1	4.0	2.6	2.9
Used a travel agent	24	7.6	4.9	11.5	3.5	3.9	10.3	19.2
Rented a car	16	5.1	2.1	11.3	2.0	2.9	4.6	5.9

[1] Includes different means of going and coming.

Source: U.S. Bureau of the Census, Census of Transportation, 1977 National Travel Survey.

No. 426. Passports, by Characteristics of Travelers and Travel: 1960 to 1979

[**In thousands.** Total passports are actual count; all other data based on a sample and prorated to total passports. Data subject to error since sample size varied through 1972; beginning 1973, based on a sample size of approximately 10 percent of total volume of passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. *A single passport may cover more than one trip and more than one person. See also Historical Statistics, Colonial Times to 1970,* series H 899-920]

Characteristic	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total passports	**853**	**1,330**	**2,219**	**2,728**	**2,729**	**2,415**	**2,334**	**2,817**	**3,107**	**3,234**	**3,170**
Male	420	699	1,124	1,359	1,321	1,155	1,128	1,354	1,496	1,555	1,543
Female	433	631	1,095	1,369	1,408	1,260	1,206	1,463	1,611	1,679	1,627
Under 20 years	83	198	362	470	497	448	405	460	511	541	567
20-29 years	148	264	507	585	564	491	458	530	566	580	581
30-39 years	143	206	293	369	376	348	345	432	499	535	547
40-49 years	136	217	356	434	431	371	347	423	452	472	465
50-59 years	156	203	341	437	434	383	384	484	527	545	506
60 years and over	187	242	360	433	427	374	395	488	552	561	504
Object of travel: [1]											
Pleasure, personal reasons	673	1,022	2,008	2,484	2,323	1,767	1,692	2,114	2,108	2,389	2,094
Business	24	76	40	68	155	268	273	273	191	164	202
Education	31	31	20	33	95	153	132	126	79	75	93
Religion, health, other	9	10	5	6	10	21	26	16	11	13	15
Government	116	191	146	137	146	149	132	135	154	143	147
Not stated	(NA)	(NA)	(NA)	(NA)	(NA)	57	79	153	564	450	619

NA Not available. [1] Data not entirely comparable because of changes in classifications.

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics,* annual.

No. 427. Foreign Travel to the U.S.—Travelers and Expenditures: 1965 to 1979

[**Travelers in thousands; expenditures in millions of dollars.** Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970,* series H 946-951]

Area of origin	1965	1970	1974	1975	1976	1977	1978	1979 [1]
Travelers from overseas	**1,204**	**2,288**	**3,700**	**3,674**	**4,456**	**4,509**	**5,764**	**7,230**
Western Europe	564	984	1,544	1,500	1,892	1,885	2,483	3,135
Caribbean, Central America	(NA)	484	508	478	573	578	703	855
South America	(NA)	318	401	438	510	573	773	995
Japan	44	207	764	747	766	750	886	1,095
Other	596	295	483	511	715	723	919	1,150
Total expenditures	**1,545**	**2,708**	**4,845**	**5,464**	**6,679**	**7,175**	**8,424**	**10,012**
Canada	490	859	1,225	1,561	1,983	2,150	2,248	2,092
Mexico	390	583	1,142	1,311	1,364	1,316	1,459	1,869
Western Europe	200	318	570	611	852	1,003	1,323	1,667
Caribbean, Central America	(NA)	170	216	206	289	276	322	375
South America	(NA)	164	237	303	360	455	660	793
Japan	27	101	402	410	439	450	539	699
Other	273	136	240	295	455	500	635	840
Fares to U.S. carriers [2]	165	377	813	767	937	1,025	1,238	1,677

NA Not available. [1] Preliminary. [2] Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business.*

No. 428. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1960 to 1979

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970,* series H 921–940]

ITEM AND COUNTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Total overseas travelers [2]	**1,634**	**2,623**	**5,260**	**6,933**	**6,467**	**6,354**	**6,897**	**7,390**	**7,790**	**7,835**
Means of transport from U.S.:										
Sea	317	237	120	57	47	36	55	(NA)	(NA)	(NA)
Air	1,317	2,386	5,140	6,876	6,420	6,318	6,842	(NA)	(NA)	(NA)
Region of destination:										
Europe and Mediterranean	832	1,405	2,898	3,915	3,325	3,185	3,523	3,920	4,105	4,068
Average length of stay (days)	(NA)	39	27	24	24	24	24	19	20	20
Caribbean and Central America	641	891	1,663	2,032	2,147	2,065	2,201	2,203	2,365	2,533
South America	71	127	249	383	423	447	436	483	515	434
Other	90	200	450	603	572	657	737	784	805	800
Total expenditures [3]	**2,623**	**3,768**	**6,180**	**8,472**	**9,406**	**10,143**	**10,868**	**11,924**	**13,155**	**14,574**
Foreign flag carriers [4]	513	720	1,215	1,790	2,095	2,263	2,568	2,748	2,896	3,100
United States flag carriers [4]	360	610	985	1,156	1,331	1,463	1,444	1,725	1,784	2,061
Expenditures abroad	1,750	2,438	3,980	5,526	5,980	6,417	6,856	7,451	8,475	9,413
Canada	380	600	1,018	1,158	1,359	1,306	1,371	1,433	1,407	1,599
Mexico	383	540	778	1,264	1,475	1,637	1,723	1,918	2,121	2,460
Total overseas areas	987	1,298	2,184	3,104	3,146	3,474	3,762	4,100	4,947	5,354
Europe and Mediterranean	692	864	1,425	1,993	1,802	1,918	2,150	2,398	2,942	3,185
Average per trip [5] (dollars)	930	611	490	509	542	602	610	612	717	783
Average per day (dollars)	(NA)	15.67	18.15	21.21	22.58	25.19	25.42	32.21	35.85	39.15
Caribbean and Central America	166	220	390	570	685	787	784	790	888	1,019
South America	45	68	90	132	209	242	232	254	306	288
Japan	36	60	97	123	102	131	145	149	155	142
Other	48	86	182	286	348	396	451	509	656	720

NA Not available. [1] Preliminary. [2] Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [3] Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [4] Excludes passenger fares of emigrant aliens. [5] Excludes transatlantic passenger fares.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business.*

No. 429. Air Travel Between the United States and Foreign Countries: 1975 to 1979

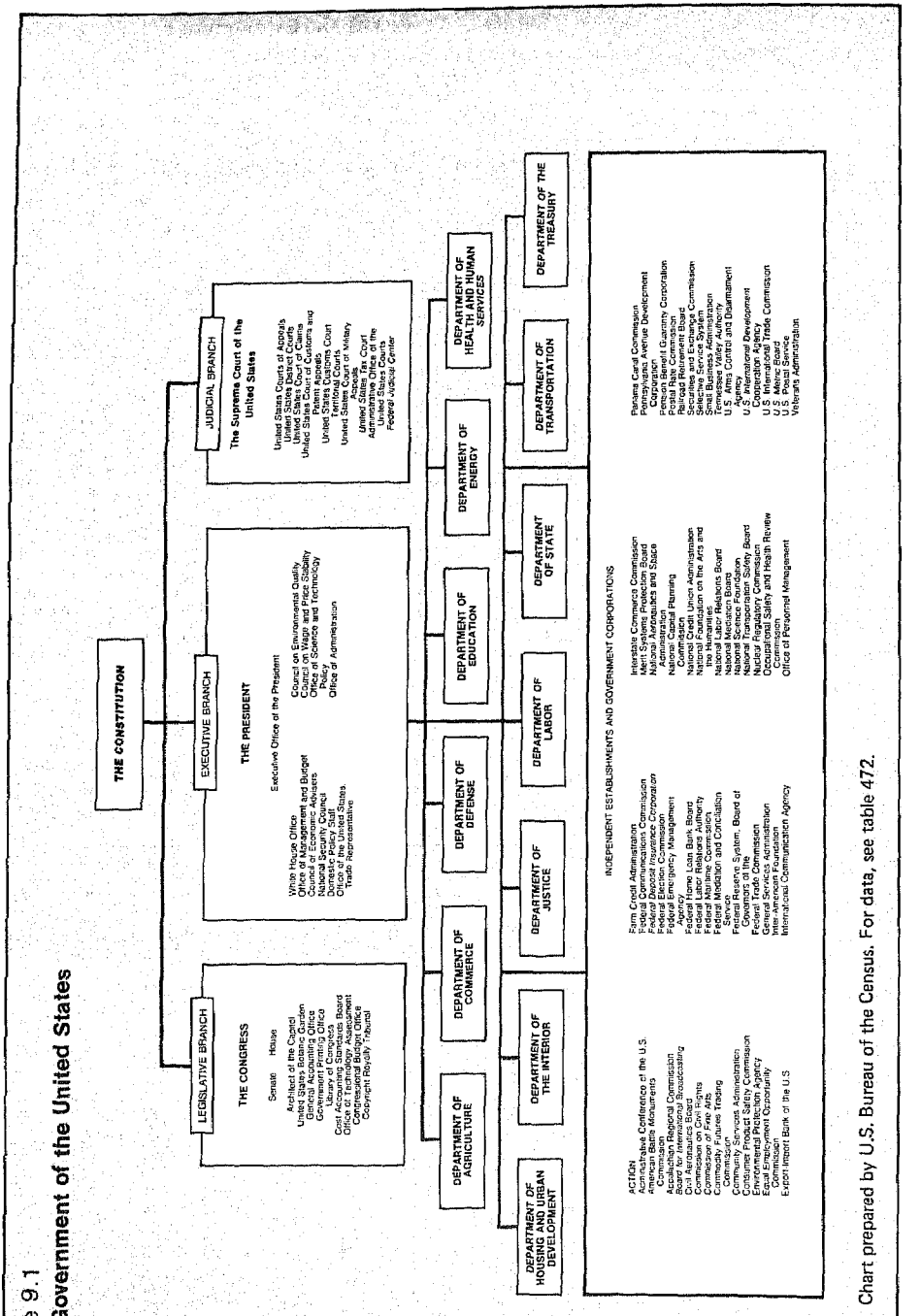
[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the *50 States, Puerto Rico, Guam, or the Virgin Islands, and any other outlying area are included. Data compiled from* flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 225,000 arrivals in 1979. For related data, see also *Historical Statistics, Colonial Times to 1970,* series C 296–331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
Total passengers	**12,646**	**13,754**	**14,701**	**16,955**	**19,282**	**12,053**	**13,017**	**13,804**	**15,800**	**18,128**
Flag of carrier:										
United States	6,503	6,937	7,487	8,551	9,871	5,913	6,416	6,889	7,834	9,142
Foreign	6,143	6,817	7,214	8,405	9,411	6,141	6,601	6,915	7,966	8,986
Country of embarkation or debarkation: [1]										
Bahamas, The	758	775	799	993	1,079	704	706	719	865	925
Bermuda	398	452	441	426	469	372	412	414	405	444
Brazil	212	183	186	219	253	206	192	181	217	252
Colombia	173	187	212	232	281	171	184	204	230	272
Denmark	222	238	238	248	260	188	203	210	214	238
Dominican Republic	336	370	416	429	465	322	358	390	402	419
France	512	596	611	656	707	470	503	539	569	646
Germany, Fed. Rep. of	622	749	863	963	1,053	649	728	824	897	1,003
Greece	121	161	198	220	231	123	167	185	198	220
Ireland	220	237	251	244	263	163	175	195	200	236
Italy	431	440	471	530	572	409	404	448	486	517
Jamaica	457	388	327	427	492	416	346	297	370	432
Japan	1,095	1,172	1,213	1,308	1,579	1,183	1,178	1,204	1,272	1,534
Mexico	1,626	1,661	1,647	2,118	2,620	1,524	1,655	1,570	2,062	2,537
Netherlands Antilles	213	273	269	307	353	184	237	230	256	302
Netherlands	312	314	322	371	460	304	289	314	338	422
Spain	306	261	299	335	333	260	231	259	295	292
Switzerland	236	308	345	339	321	224	282	323	311	305
United Kingdom	1,549	1,851	2,102	2,596	2,692	1,446	1,722	1,984	2,478	2,609
Venezuela	205	225	282	355	431	198	234	281	356	424
Other	2,643	2,913	3,208	3,641	4,367	2,536	2,812	3,034	3,381	4,097

[1] Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics,* annual.

Figure 9.1
The Government of the United States



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 472.

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Section 9

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures and Balances of the United States Government*, the official report relating to the receipts, appropriations, outlays, and fund accounts. The *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 256).

Budget concept.—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust Funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Trust fund balances include both open-book balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. The balances on an authorization basis exceed the cash balances because, for a few accounts, budget authority is not the same as receipts. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, and the lending activities of the Rural Electrification Administration. For fiscal year 1980, these activities (i.e., off-budget Federal entities) are estimated to equal 2.9 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1981 *Budget* for the years 1940 to 1983; more detailed tables generally show data since 1971.

Receipts arising from the Government's compulsory powers are reported as governmental receipts; all other receipts, e.g., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt); it did not include monies which agencies were authorized to borrow without going through the Treasury (e.g., the Postal Service). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement.* Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States.*

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the *Annual Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government.* These deposits in, and payments from, accounts maintained by government agencies are on the same basis as the unified budget.

The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's three annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, and business tax returns, respectively. The report on business tax returns presents financial data for sole proprietorships and partnerships. Periodic *Statistics of Income* publications present local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Relation to national income accounts and GNP.—The Federal sector of the *national income and product accounts* focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 433). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

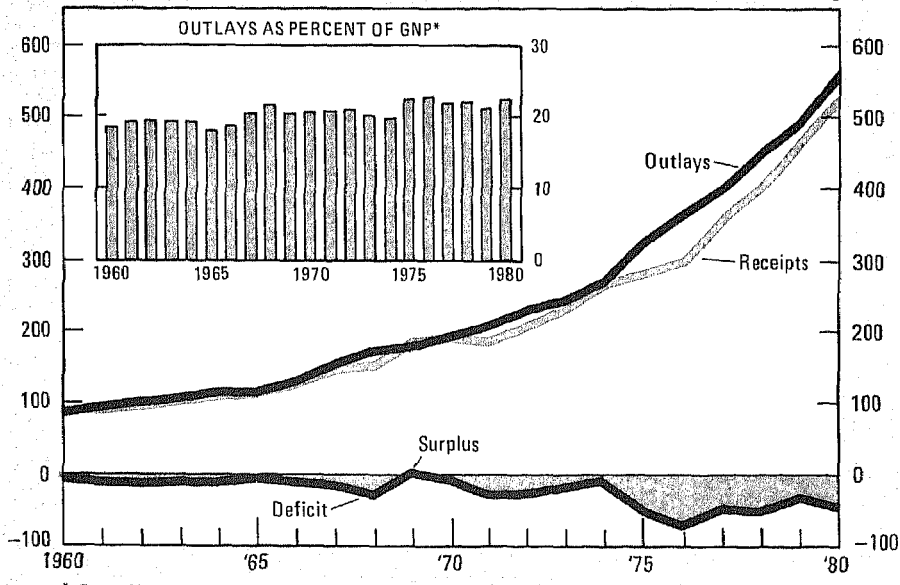
Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through January 1979, intermittent workers are counted if they performed any service during the reporting month.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Work Force Statistics.* It also publishes semiannual employment data for minority groups; annual reports on salary and wages; geographic distribution; and data on occupations of white- and blue-collar workers as well as data on women Federal employees. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment.*

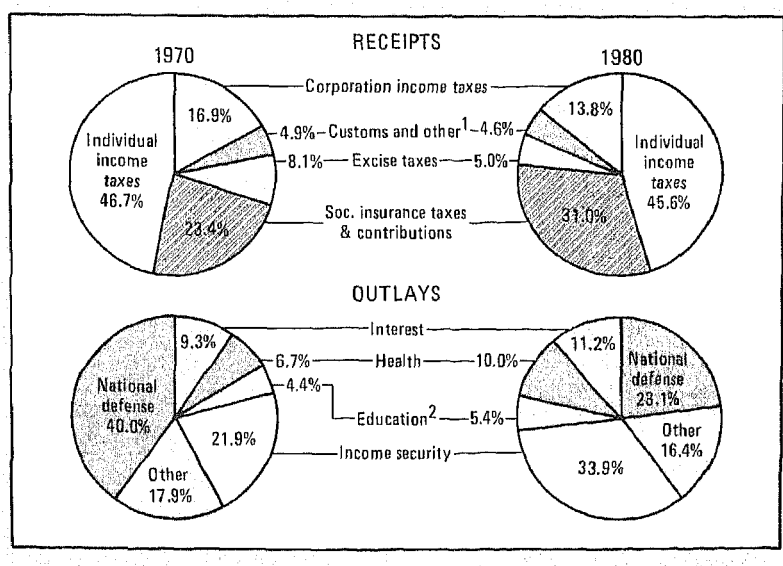
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 9.2
Federal Budget Receipts and Outlays: 1960 to 1980



* Gross National Product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 430.

Figure 9.3
Federal Budget - Percent Distribution by Function: 1970 and 1980



[1]Other includes gift taxes and other receipts. [2]Includes training, employment, and social services.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 434 and 436.

NO. 430. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1940 TO 1980

[**In billions of dollars, except percent.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** Minus sign (–) denotes deficit. See also *Historical Statistics, Colonial Times to 1970,* series Y 339–342]

YEAR	Receipts	Outlays	Surplus or deficit (–)	Outstanding gross debt [1]	ANNUAL PERCENT CHANGE [2]			PERCENT OF GNP [3]		Outlays, off-budget Federal entities [4]
					Receipts	Outlays	Outstanding gross debt	Outlays	Outstanding gross debt	
1940	6.4	9.5	–3.1	50.7	[5] 27.8	[5] 7.0	[5] 5.1	10.0	53.4	(X)
1945	45.2	92.7	–47.5	260.1	48.0	60.0	39.0	42.7	119.5	(X)
1950	39.5	42.6	–3.1	256.9	–2.7	–14.4	–.3	16.1	51.1	(X)
1955	65.5	68.5	–3.0	274.4	10.6	10.0	1.3	18.0	72.2	(X)
1960	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.5	(X)
1961	94.4	97.8	–3.4	292.9	2.1	6.0	.7	19.2	57.6	(X)
1962	99.7	106.8	–7.1	303.3	5.6	9.2	3.6	19.5	55.5	(X)
1963	106.6	111.3	–4.8	310.8	6.9	4.2	2.5	19.3	53.9	(X)
1964	112.7	118.6	–5.9	316.8	5.7	6.5	1.9	19.2	51.4	(X)
1965	116.8	118.4	–1.6	323.2	3.7	–.1	2.0	18.0	49.2	(X)
1966	*130.9*	*134.7*	–3.8	329.5	12.0	13.7	1.9	18.7	45.7	(X)
1967	149.6	158.3	–8.7	341.3	14.3	17.5	3.6	20.4	44.1	(X)
1968	153.7	178.8	–25.2	369.8	2.8	13.0	8.4	21.5	44.6	(X)
1969	187.8	184.5	3.2	367.1	22.0	3.2	–.7	20.4	40.6	(X)
1970	*193.7*	196.6	–2.8	382.6	3.2	8.5	4.2	20.5	39.9	(X)
1971	188.4	211.4	–23.0	409.5	–2.8	7.5	7.0	20.7	40.2	(X)
1972	208.6	232.0	–23.4	437.3	10.8	9.7	6.8	20.9	39.4	(X)
1973	*232.2*	247.1	–14.8	468.4	11.3	6.5	7.1	20.0	37.9	.1
1974	264.9	269.6	–4.7	486.2	14.1	9.1	3.8	19.8	35.8	1.4
1975	281.0	326.2	–45.1	544.1	6.1	21.0	11.9	22.4	37.3	8.1
1976	300.0	366.4	–66.4	631.9	6.8	12.4	16.1	22.6	39.0	7.3
1976, TQ [6]	81.7	94.7	–13.0	646.4	(X)	(X)	(X)	(X)	(X)	1.8
1977	357.8	402.7	–45.0	709.1	19.3	9.9	12.2	21.8	38.5	6.7
1978	402.0	450.8	–48.8	780.4	12.4	11.9	10.1	21.9	37.9	10.3
1979	465.9	493.7	–27.7	833.8	15.9	9.5	6.8	21.3	36.0	12.4
1980, est.	523.8	563.6	–39.8	892.8	12.4	14.2	7.1	22.4	35.5	16.6

X Not applicable. [1] End of fiscal year. [2] For explanation of average annual percent change, see Guide to Tabular Presentation. [3] *Gross national product* as of fiscal year, for calendar year GNP, see table 724. [4] Federal Government allocations other than those reflected in budget outlays; see source for explanation. [5] Change from 1939; from previous year shown for all other years. [6] Transition quarter, July–Sept.

NO. 431. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1960 TO 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter, **July-Sept. 1976,** omitted. Beginning **1973,** budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970,* series Y 339–342]

DESCRIPTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
Receipts	**92.5**	**116.8**	**193.7**	**232.2**	**264.9**	**281.0**	**300.0**	**357.8**	**402.0**	**465.9**	**523.8**
Federal funds	75.6	90.9	143.2	161.4	181.2	187.5	201.1	241.3	270.5	316.4	347.8
Trust funds	19.2	29.2	59.4	92.2	104.8	118.6	133.7	152.8	168.0	189.6	222.2
Interfund transactions	–2.4	–3.3	–8.8	–21.3	–21.1	–25.1	–34.8	–36.3	–36.5	–40.1	–46.2
Outlays	**92.2**	**118.4**	**196.6**	**247.1**	**269.6**	**326.2**	**366.4**	**402.7**	**450.8**	**493.7**	**563.6**
Federal funds	74.9	94.8	156.3	187.0	199.9	240.0	269.9	295.8	332.0	362.4	405.7
Trust funds	19.7	27.0	49.1	81.4	90.8	111.2	131.3	143.3	155.3	171.3	204.1
Interfund transactions	–2.4	–3.3	–8.8	–21.3	–21.1	–25.1	–34.8	–36.3	–36.5	–40.1	–46.2
Surplus or deficit (–)	**.3**	**–1.6**	**–2.8**	**–14.8**	**–4.7**	**–45.1**	**–66.4**	**–45.0**	**–48.8**	**–27.7**	**–39.8**
Federal funds	.8	–3.9	–13.1	–25.6	–18.7	–52.5	–68.8	–54.5	–61.5	–46.1	–57.8
Trust funds	–.5	2.3	10.3	10.7	14.0	7.4	2.4	9.5	12.7	18.3	18.1
Outstanding debt [1]	**290.9**	**323.2**	**382.6**	**468.4**	**486.2**	**544.1**	**631.9**	**709.1**	**780.4**	**833.8**	**892.8**
Gross Federal debt held by:											
Government agencies	53.7	61.5	97.7	125.4	140.2	147.2	151.6	157.3	169.5	189.2	203.9
The public	237.2	261.6	284.9	343.0	346.0	396.9	480.3	551.8	610.9	644.6	688.9
Federal Reserve System	26.5	39.1	57.7	75.2	80.6	85.0	94.7	105.0	115.5	115.6	(NA)
Others	210.7	222.5	227.2	267.9	265.4	311.9	385.6	446.8	495.5	529.0	(NA)
Outlays as percent of *GNP* [2]	**18.5**	**18.0**	**20.5**	**20.0**	**19.8**	**22.4**	**22.6**	**21.8**	**21.9**	**21.3**	**22.4**
National defense	9.3	7.6	8.3	6.1	5.8	5.9	5.5	5.3	5.1	5.1	5.2
Human resources [3]	5.1	5.4	7.6	9.3	9.7	11.7	12.2	11.8	11.5	11.2	11.9
All other	4.2	5.1	4.6	4.5	4.3	4.9	4.9	4.9	5.5	5.0	5.3

NA Not available. [1] End of fiscal year. [2] See footnote 3, table 430.
[3] Education, training, employment, social services, health, income security, and veterans benefits and services.

Source of tables 430 and 431: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual; and unpublished data.

No. 432. Federal Budget Outlays in Current and Constant (1972) Dollars: 1960 to 1980

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible]

Year	Outlays (bil. dol.)						Percent of total outlays					Avg. annual percent change, total outlays [4]
	Total	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	
	Current dollars											
1960	92.2	45.2	47.1	23.6	6.9	7.0	49.0	51.1	25.6	7.5	7.6	[5] 1
1965	118.4	47.5	71.0	32.3	8.6	10.9	40.1	60.0	27.3	7.3	9.2	5.1
1970	196.6	78.6	118.0	63.2	14.4	24.0	40.0	60.0	32.1	7.3	12.2	10.7
1971	211.4	75.8	135.6	78.7	14.8	28.1	35.9	64.1	37.2	7.0	13.3	7.5
1972	232.0	76.6	155.5	90.8	15.5	34.4	33.0	67.0	39.1	6.7	14.8	9.7
1973	247.1	74.5	172.5	102.1	17.3	41.8	30.2	69.8	41.3	7.0	16.9	6.5
1974	269.6	77.8	191.8	117.5	21.4	43.4	28.9	71.1	43.6	7.9	16.1	9.1
1975	326.2	85.6	240.6	150.4	23.2	49.8	26.2	73.8	46.1	7.1	15.3	21.0
1976	366.4	89.4	277.0	176.6	26.7	59.1	24.4	75.6	48.2	7.3	16.1	12.3
1976, TQ [6]	94.7	22.3	72.4	44.9	6.9	15.9	23.5	76.5	47.4	7.3	16.8	(x)
1977	402.7	97.5	305.2	192.4	29.9	68.4	24.2	75.8	47.8	7.4	17.0	9.9
1978	450.8	105.2	345.6	206.5	35.4	77.9	23.3	76.7	45.8	7.9	17.3	11.9
1979	493.7	117.7	376.0	227.5	42.6	82.9	23.8	76.2	46.1	8.6	16.8	9.5
1980, est	563.7	130.4	433.2	226.9	51.8	88.9	23.1	76.8	47.3	9.2	15.8	14.2
	Constant (1972) dollars											
1960	150.6	73.8	76.8	33.1	16.3	11.4	49.0	51.0	22.0	10.8	7.6	[5] −2.0
1965	173.0	69.3	103.7	42.5	16.7	15.7	40.1	60.0	25.6	9.7	9.1	2.8
1970	220.6	90.3	130.3	68.8	15.0	27.0	40.9	59.1	31.2	6.8	12.2	5.0
1971	222.9	81.2	141.7	81.5	15.2	29.5	36.4	63.6	36.6	6.8	13.2	1.0
1972	232.0	76.6	155.5	90.8	15.5	34.4	33.0	67.0	39.1	6.7	14.8	4.1
1973	233.3	70.0	163.3	98.1	15.4	39.6	30.0	70.0	42.0	6.6	17.0	.6
1974	232.0	67.9	164.0	103.7	14.3	37.8	29.3	70.7	44.7	6.2	16.3	−.6
1975	253.6	67.2	186.4	119.5	14.6	39.1	26.5	73.5	47.1	5.8	15.4	9.3
1976	266.6	65.6	201.0	131.0	16.4	43.1	24.6	75.4	49.1	6.2	16.2	5.1
1976, TQ [6]	66.8	15.9	50.9	32.3	4.1	11.2	23.8	76.2	48.4	6.1	16.8	(x)
1977	272.2	66.5	205.7	132.7	17.4	45.9	24.4	75.6	48.8	6.4	16.9	2.1
1978	282.0	66.6	215.4	133.1	17.8	48.5	23.6	76.4	47.2	6.3	17.2	3.6
1979	280.0	69.3	210.7	132.8	17.0	47.2	24.8	75.3	47.4	6.1	16.8	−1.2
1980, est	286.3	70.7	215.6	138.6	16.3	45.8	24.7	75.3	48.4	5.7	16.0	2.3

x Not applicable. [1] Includes other items, not shown separately. [2] Includes small grants-in-aid to State and local governments. [3] Total interest less interest received by trust funds. [4] See footnote 2, table 430. [5] Percent change from 1959; from previous year shown for all other years. [6] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget. 1960–1977 in *The Budget of the United States Government,* annual; 1978–1980 in unpublished document, "Federal Government Finances, January 1980 edition."

No. 433. Federal Receipts and Expenditures in the National Income Accounts: 1960 to 1980

[In billions of dollars. For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter, **July-Sept. 1976,** omitted. Includes transactions of trust accounts]

Receipts and expenditures	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, est.
Receipts, total	**94.8**	**120.0**	**194.9**	**271.8**	**283.5**	**313.9**	**366.0**	**414.7**	**483.7**	**530.6**
Personal tax and nontax receipts	42.5	51.4	93.6	122.6	127.1	137.0	166.0	186.3	223.5	245.1
Corporate profits tax accruals	22.3	27.1	33.0	43.7	42.1	51.7	59.1	67.7	78.4	76.5
Indirect business tax and nontax accruals	13.2	16.9	19.2	21.4	22.2	24.3	24.5	27.2	29.4	38.5
Contributions for social insurance	16.7	24.5	49.2	84.2	92.1	100.9	116.4	133.5	152.4	170.5
Expenditures, total [1]	**91.3**	**118.5**	**195.6**	**278.8**	**328.7**	**371.1**	**411.4**	**450.1**	**493.6**	**564.2**
Purchases of goods and services	52.9	64.6	97.0	104.6	118.0	125.7	140.3	150.7	162.4	185.6
National defense	44.5	47.9	75.3	74.1	80.3	85.3	91.9	97.8	105.9	118.7
Nondefense	8.4	16.6	21.7	30.5	37.6	40.4	48.4	52.9	56.5	66.9
Transfer payments	22.5	30.6	57.0	104.7	134.3	156.5	169.6	182.0	201.7	235.1
Domestic (to persons)	20.6	28.4	55.0	101.7	131.2	153.5	166.4	178.5	197.7	230.9
Foreign	1.8	2.2	2.0	3.0	3.1	3.0	3.2	3.5	4.0	4.2
Grants-in-aid: State, local govts	6.9	10.9	22.6	41.6	48.4	57.6	66.3	74.7	79.3	84.3
Net interest paid	6.8	8.2	13.6	19.8	21.9	25.2	28.4	33.1	40.4	49.2
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	8.0	5.7	6.2	6.9	9.6	9.8	10.0
Surplus (+) or deficit (−)	**+3.5**	**+1.5**	**−.6**	**−7.0**	**−45.3**	**−57.3**	**−45.5**	**−35.4**	**−9.9**	**−33.6**

[1] For some years, includes wage disbursements less accruals, not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

No. 434. Federal Budget Receipts, by Major Source: 1960 to 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter, **July-Sept. 1976,** omitted. For basic data see table 438. See also *Historical Statistics, Colonial Times to 1970,* series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total receipts, by source	**92.5**	**116.8**	**193.7**	**232.2**	**264.9**	**281.0**	**300.0**	**357.8**	**402.0**	**465.9**	**523.8**
Individual income taxes	40.7	48.8	90.4	103.2	119.0	122.4	131.6	157.6	181.0	217.8	238.7
Social insurance taxes and contributions	14.7	22.3	45.3	64.5	76.8	86.4	92.7	108.7	123.4	141.6	162.2
Employment taxes and contributions	11.2	17.4	39.1	54.9	65.9	75.2	79.9	92.2	103.9	120.1	138.6
Unemployment insurance	2.7	3.8	3.5	6.1	6.8	6.8	8.1	11.3	13.8	15.4	16.8
Other contributions	.8	1.1	2.7	3.6	4.1	4.5	4.8	5.2	5.7	6.1	6.7
Corporation income taxes	21.5	25.5	32.8	36.2	38.6	40.6	41.4	54.9	60.0	65.7	72.3
Excise taxes	11.6	14.6	15.8	16.3	16.8	16.5	17.0	17.5	18.4	18.7	26.3
Estate and gift taxes	1.6	2.7	3.6	4.9	5.0	4.6	5.2	7.3	5.3	5.4	5.8
Customs duties	1.1	1.4	2.4	3.2	3.3	3.7	4.1	5.2	6.6	7.4	7.6
Miscellaneous receipts	1.2	1.6	3.4	3.9	5.4	6.7	8.0	6.5	7.4	9.2	10.9
PERCENT DISTRIBUTION											
Individual income taxes	44.0	41.8	46.7	44.4	44.9	43.6	43.9	44.0	45.0	46.7	45.6
Social insurance taxes and contributions	15.9	19.1	23.4	27.8	28.9	30.7	31.0	30.4	30.7	30.4	31.0
Employment taxes and contributions	12.1	14.9	20.1	23.6	24.9	26.8	26.6	25.8	25.8	25.8	26.5
Corporation income taxes	23.2	21.8	16.9	15.6	14.6	14.5	13.8	15.5	14.9	14.1	13.8
Excise taxes	12.6	12.5	8.1	7.0	6.4	5.9	5.7	4.9	4.6	4.0	5.0
Customs, estate, gift taxes	2.9	3.6	3.1	3.5	3.2	2.9	3.1	3.5	3.0	2.7	2.6
Miscellaneous receipts	1.3	1.4	1.8	1.7	2.0	2.4	2.7	1.8	1.8	2.0	2.1

No. 435. Executive/Legislative Controllability of Federal Budget Outlays: 1970 to 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter, **July-Sept. 1976,** omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments]

OUTLAYS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total outlays	**196.6**	**232.0**	**247.1**	**269.6**	**326.1**	**366.4**	**402.7**	**450.8**	**493.7**	**563.6**
Relatively uncontrollable outlays	**125.8**	**153.5**	**173.1**	**194.6**	**237.6**	**267.8**	**294.4**	**333.9**	**366.1**	**428.7**
Percent of total outlays	64.0	66.2	70.0	72.2	72.9	73.1	73.1	74.1	74.2	76.2
Open-ended programs and fixed costs	84.3	114.3	133.4	150.8	186.9	216.9	239.1	261.6	286.1	334.2
Payments for individuals	62.5	88.7	99.8	115.7	149.2	174.9	190.7	204.2	224.9	261.9
Social security and railroad retirement	31.2	41.4	50.6	57.5	68.3	76.0	87.5	96.1	106.7	122.5
Federal employees' retirement and insurance [1]	8.8	11.4	13.0	15.0	18.4	21.2	24.0	26.7	30.0	34.6
Military retired pay	2.8	3.9	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9
Other [1]	5.9	7.5	8.6	9.9	12.1	13.9	15.8	17.5	19.7	22.6
Unemployment assistance	3.4	7.1	5.4	6.1	13.5	19.5	15.3	11.8	10.7	15.5
Medical care	9.9	13.4	14.1	17.2	21.6	26.3	31.4	35.9	41.6	47.7
Assistance to students [1]	1.0	2.0	2.8	3.2	4.6	5.5	3.7	3.4	2.8	2.3
Housing assistance	.5	1.1	1.6	1.8	2.1	2.5	2.9	3.6	4.2	5.1
Food and nutrition assistance	.6	1.9	2.2	2.8	6.2	7.5	8.2	8.2	9.8	12.1
Public assistance and related programs [1]	6.4	9.1	8.5	10.2	12.6	14.6	15.7	16.6	16.4	18.9
All other relatively uncontrollable payments for individuals [1]	.9	1.3	1.6	1.8	2.0	1.9	2.0	2.0	2.7	3.1
Net interest	14.4	15.5	17.3	21.4	23.2	26.7	29.9	35.4	42.6	51.8
General revenue sharing	(X)	(X)	6.6	6.1	6.1	6.2	6.8	6.8	6.8	6.9
Farm price supports [2]	3.8	4.0	3.6	1.0	.6	.6	3.5	5.5	3.7	3.1
Other	3.6	6.1	6.1	6.6	7.8	8.4	8.3	9.6	8.0	10.6
Prior-year contracts and obligations [3]	41.5	39.2	39.6	43.8	50.7	50.9	55.3	72.3	80.0	94.5
National defense	24.1	19.4	17.7	20.4	22.3	17.9	18.5	28.2	30.9	36.9
Civilian programs	17.4	19.9	21.9	23.4	28.4	33.0	36.8	44.1	49.1	57.6
Relatively controllable outlays	**73.3**	**81.3**	**76.9**	**78.4**	**92.6**	**102.8**	**112.9**	**121.9**	**132.8**	**140.8**
National defense	51.6	53.2	52.5	52.2	57.0	64.2	70.8	67.8	76.4	81.4
Civilian programs	21.7	28.0	24.5	26.2	35.6	38.7	42.1	54.1	56.5	59.4
Undistributed employer share, employee retirement	−2.4	−2.8	−2.9	−3.3	−4.0	−4.2	−4.5	−5.0	−5.3	−5.9

X Not applicable. [1] Includes items previously classified in the veterans' benefits grouping. [2] Prices from Commodity Credit Corp. [3] Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source of tables 434 and 435: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

No. 436. Federal Budget Outlays, by Function: 1960 to 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30**; transition quarter, **July-Sept. 1976**, omitted. See table 438 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

FUNCTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total budget outlays	**92.2**	**118.4**	**196.6**	**247.1**	**269.6**	**326.2**	**366.4**	**402.7**	**450.8**	**493.7**	**563.6**
National defense	**45.2**	**47.5**	**78.6**	**74.5**	**77.8**	**85.4**	**89.4**	**97.5**	**105.2**	**117.7**	**130.4**
Human resources	**25.5**	**35.4**	**73.4**	**116.5**	**132.2**	**168.7**	**198.0**	**215.7**	**235.4**	**259.4**	**298.9**
Income security	18.8	25.7	48.1	73.0	84.4	108.6	127.4	137.9	146.2	160.2	190.9
Health	.8	1.8	13.1	18.8	22.1	27.6	33.4	38.8	43.7	49.6	56.6
Veterans benefits and services	5.4	5.7	8.7	12.0	13.4	16.6	18.4	18.0	19.0	19.9	20.8
Education, training, employment [1]	1.0	2.1	8.6	12.7	12.3	15.9	18.7	21.0	26.5	29.7	30.7
Other nondefense	**21.4**	**35.5**	**44.7**	**56.2**	**59.5**	**71.9**	**79.0**	**89.5**	**110.2**	**116.8**	**134.4**
Commerce and housing credit	1.6	1.2	2.1	.9	3.9	5.6	3.8	(z)	3.3	2.6	5.5
Transportation	4.1	5.8	7.0	9.1	9.2	10.4	13.4	14.6	15.4	17.5	19.6
Natural resources and environment	1.6	2.5	3.1	4.7	5.7	7.3	8.1	10.0	10.9	12.1	12.8
Energy	.5	.7	1.0	1.2	.8	2.2	3.1	4.2	5.9	6.9	7.8
Community, regional development	.2	1.1	2.4	4.6	4.1	3.7	4.8	6.3	11.0	9.5	8.5
Agriculture	2.6	3.9	5.2	4.9	2.2	1.7	2.5	5.5	7.7	6.2	4.6
Interest	8.3	10.4	18.3	22.8	28.0	30.9	34.5	38.0	44.0	52.6	63.3
Revenue sharing [2]	.2	.2	.5	7.4	6.9	7.2	7.2	9.5	9.6	8.4	8.7
International affairs	3.0	5.2	4.3	4.1	5.7	6.9	5.6	4.8	5.9	6.1	10.4
General science, space, technology	.6	5.8	4.5	4.0	4.0	4.0	4.4	4.7	4.7	5.0	5.9
General government	1.0	1.4	1.9	2.6	3.2	3.1	2.9	3.4	3.7	4.2	4.9
Administration of justice	.4	.5	1.0	2.1	2.5	2.9	3.3	3.6	3.8	4.2	4.5
Undistributed offsetting receipts	−2.5	−3.2	−6.6	−12.3	−16.7	−14.1	−14.7	−15.1	−15.8	−18.5	−22.3
PERCENT DISTRIBUTION											
Total outlays	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
National defense	49.0	40.1	40.0	30.1	28.9	26.2	24.4	24.2	23.3	23.8	23.1
Income security	19.8	21.7	21.9	29.5	31.3	33.3	34.8	34.2	32.4	32.4	33.9
Health	.9	1.5	6.7	7.6	8.2	8.5	9.1	9.6	9.7	10.0	10.0
Veterans benefits and services	5.9	4.8	4.4	4.9	5.0	5.1	5.0	4.5	4.2	4.0	3.7
Education, training, employment [1]	1.1	1.8	4.4	5.1	4.6	4.9	5.1	5.2	5.9	6.0	5.4
Commerce and housing credit	1.7	1.0	1.1	.4	1.4	1.7	1.0	(z)	.7	.5	1.0
Transportation	4.4	4.9	3.6	3.7	3.4	3.2	3.7	3.6	3.4	3.5	3.5
Natural resources and environment	1.7	2.1	1.6	1.9	2.1	2.2	2.2	2.5	2.4	2.4	2.3
Energy	.5	.6	.5	.5	.3	.7	.8	1.0	1.3	1.4	1.4
Community and regional development	.2	.9	1.2	1.9	1.5	1.1	1.3	1.6	2.4	1.9	1.5
Agriculture	2.8	3.3	2.6	2.0	.8	.5	.7	1.4	1.7	1.3	.8
Interest	9.0	8.8	9.3	9.2	10.4	9.5	9.4	9.4	9.8	10.7	11.2
Revenue sharing [2]	.2	.2	.3	3.0	2.6	2.2	2.0	2.4	2.1	1.7	1.5
International affairs	3.3	4.4	2.2	1.7	2.1	2.1	1.5	1.2	1.3	1.2	1.8
General science, space, technology	.7	4.9	2.3	1.6	1.5	1.2	1.2	1.2	1.0	1.0	1.0
General government	1.1	1.3	1.0	1.1	1.2	1.0	.8	.8	.8	.9	.9
Administration of justice	.4	.4	.5	.8	.9	.9	.9	.9	.8	.9	.8
Undistributed offsetting receipts	−2.7	−2.7	−3.4	−5.0	−6.2	−4.3	−4.0	−3.7	−3.5	−3.7	−4.0

Z Less than $50 million or .05 percent. [1] Includes social services. [2] Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 437. Government Sector Receipts and Expenditures in the National Income Accounts: 1960 to 1980

[**In billions of dollars.** Minus sign (−) denotes deficit]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total government: [1]											
Receipts	139.5	188.3	302.6	411.2	455.1	468.5	538.3	606.6	685.7	772.1	(NA)
Expenditures	136.4	187.8	311.9	404.9	458.2	532.8	574.0	626.1	686.0	758.6	(NA)
Surplus or deficit	3.1	.5	−9.4	6.3	−3.2	−64.4	−35.7	−19.5	−.3	13.5	(NA)
Federal Government: [1]											
Receipts	96.1	124.3	192.1	258.3	288.6	286.2	331.4	375.4	432.1	497.9	544.8
Expenditures	93.1	123.8	204.2	265.0	299.3	356.8	385.0	421.7	459.8	509.0	581.9
Surplus or deficit	3.0	.5	−12.1	−6.7	−10.7	−70.6	−53.6	−46.3	−27.7	−11.2	−37.2
State and local govt: [1 2]											
Receipts	49.9	75.1	134.9	193.5	210.4	236.9	268.0	298.8	331.0	354.6	(NA)
Expenditures	49.8	75.1	132.2	180.5	202.8	230.6	250.1	271.9	303.6	330.0	(NA)
Surplus or deficit	.1	(−z)	2.8	13.0	7.6	6.2	17.9	26.8	27.4	24.7	(NA)

NA Not available. Z Less than $50 million. [1] Federal grants-in-aid to State and local government are included in Federal expenditures and State and local receipts. Total government data have been adjusted to eliminate this duplication. [2] See table 493 for more detail.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues, and March 1980 issue.

No. 438. Federal Budget—Receipts, by Source, and Outlays, by Detailed Function: 1977 to 1980

(In billions of dollars. For years ending Sept. 30. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 255). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See Historical Statistics, Colonial Times to 1970, series Y 335-338, Y 343-351, and Y 472-487 for related data)

SOURCE OR FUNCTION	1977	1978	1979	1980, est.
Surplus or deficit (−)	−45.0	−48.8	−27.7	−39.8
BY SOURCE				
Total receipts [1]	357.8	402.0	465.9	523.8
Individual income taxes	157.6	181.0	217.8	238.7
Corporation income taxes	54.9	60.0	65.7	72.3
Social insurance taxes and contributions	108.7	123.4	141.6	162.2
Employment taxes and contributions	92.2	103.9	120.1	138.6
Unemployment insurance	11.3	13.8	15.4	16.8
Contributions for other insur. and retirement	5.2	5.7	6.1	6.7
Excise taxes	17.5	18.4	18.7	26.3
Estate and gift taxes	7.3	5.3	5.4	5.8
Customs duties	5.2	6.6	7.4	7.6
Miscellaneous receipts	6.5	7.4	9.2	10.9
BY FUNCTION				
Total outlays [1]	402.7	450.8	493.7	563.6
National defense [1]	97.5	105.2	117.7	130.4
Dept. of Defense, military	95.6	103.0	115.0	127.4
Atomic energy defense activities	1.9	2.1	2.5	3.0
Defense related activities	(Z)	.1	.1	−(Z)
Income security	137.9	146.2	160.2	191.0
General retirement and disability insurance	88.6	97.3	108.5	124.6
Federal employee retirement and disability	9.5	10.7	12.4	14.6
Unemployment insurance	15.3	11.8	10.7	15.6
Public assist. and other income supplements	24.5	26.5	28.6	36.1
Health	38.8	43.7	49.6	56.6
Health care services	34.5	39.1	45.1	51.6
Health research	2.5	2.8	3.0	3.3
Education and training of health care workforce	1.0	.9	.6	.7
Consumer and occupational health and safety	.7	.8	.9	1.0
Veterans benefits and services [1]	18.0	19.0	20.0	20.8
Income security	9.2	9.7	10.8	11.7
Education, training, and rehabilitation	3.7	3.4	2.8	2.2
Hospital and medical care	4.7	5.3	5.6	6.4
Housing	−.1	(Z)	.2	−.2
Educ., training, employ., and social services [1]	21.0	26.5	29.7	30.7
Elementary, secondary, and vocational education	5.1	5.7	6.7	7.3
Higher education	3.1	3.5	4.5	5.5
Research and general education aids	.9	1.1	1.2	1.4
Training, employment	6.9	10.8	10.8	10.4
Social services	4.6	5.0	5.9	5.5
Commerce and housing credit	(Z)	3.3	2.6	5.5
Mortgage credit and thrift insurance	−3.3	.2	−.7	1.9
Payment to Postal Service	2.3	1.8	1.8	1.7
Other commerce	1.1	1.3	1.5	2.1
Transportation [1]	14.6	15.4	17.5	19.6
Ground transportation	10.0	10.4	12.1	13.6
Air transportation	2.8	3.3	3.4	3.8
Water transportation	1.7	1.9	2.0	2.2

FUNCTION	1977	1978	1979	1980, est.
Total outlays [1]**—Con.**				
Natural resources and environment [1]	10.0	10.9	12.1	12.8
Water resources	3.2	3.5	3.9	4.2
Conservation and land management	1.3	2.0	1.9	2.3
Recreational resources	1.0	1.4	1.5	1.5
Pollution control and abatement	4.3	4.0	4.7	4.9
Energy [1]	4.2	5.9	6.9	7.8
Supply	3.3	4.0	4.9	5.5
Conservation	.1	.2	.3	.6
Emergency preparedness	.1	.9	1.0	.8
Community and regional development	6.3	11.0	9.5	8.5
Community development	3.5	3.3	4.0	4.5
Area and regional development	2.1	4.8	3.9	2.7
Disaster relief and insurance	.6	2.9	1.6	1.3
Agriculture [1]	5.5	7.7	6.2	4.6
Farm income stabilization	4.5	6.6	4.8	3.3
Research and services	1.1	1.1	1.3	1.4
Interest	38.0	44.0	52.6	63.3
General revenue sharing	6.8	6.8	6.9	6.9
Other general purpose fiscal assistance	2.7	2.8	1.5	1.8
International affairs [1]	4.8	5.9	6.1	10.4
Foreign economic and financial assistance	3.9	4.6	4.7	6.0
Military assistance	.6	.5	.6	.9
Conduct of foreign affairs	1.0	1.1	1.3	1.4
Foreign information and exchange	.4	.4	.5	.5
International financial programs	−.9	−.6	−.9	1.7
General science, space, and technology [1]	4.7	4.7	5.0	5.9
General science and basic research [2]	1.1	1.2	1.3	1.4
Space flight	2.3	2.3	2.2	2.7
Space science, applications and technology	1.0	1.0	1.2	1.3
General government [1]	3.3	3.7	4.2	4.9
Legislative functions	.8	.9	.9	1.1
Management, direction	.1	.1	.1	.1
Central fiscal operations	1.9	2.1	2.3	2.7
General property and records management	.1	.2	.2	.3
Administration of justice	3.6	3.8	4.2	4.5
Federal law enforcement	1.7	1.8	2.0	2.2
Federal judicial activities	.8	.9	1.1	1.4
Federal correctional activities	.2	.3	.3	.3
Criminal justice assistance	.8	.7	.7	.6
Undistributed offsetting receipts	−15.1	−15.8	−18.5	−22.3
Employer share, employee retirement	−4.5	−5.0	−5.3	−5.9
Interest received by trust funds	−8.1	−8.5	−10.0	−11.5
Rents and royalties [2]	−2.4	−2.3	−3.3	−4.8

Z Less than $50 million. [1] Totals reflect interfund and intragovernmental transactions and other functions, not shown separately. [2] On Outer Continental Shelf.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 439. BUDGET RECEIPTS AND OUTLAYS, BY FUND GROUP: 1970 TO 1979

[**In millions of dollars.** For years ending June 30, except 1979 ending Sept. 30. See text, p. 255. Minus sign (—) denotes offsetting collections. NA=Not available]

DESCRIPTION	1970	1975	1979	DESCRIPTION	1970	1975	1979
Receipts, total	**193,743**	**280,997**	**465,940**	**Outlays, total**	**196,588**	**326,185**	**493,673**
Federal funds	143,158	187,505	316,351	Federal funds	156,300	240,115	362,420
Total in fund accounts	146,020	195,324	331,726	Total in fund accounts	159,164	247,935	377,795
Intrafund transactions	−802	−1,265	−2,385	Intrafund transactions	−802	−1,265	−2,385
Proprietary receipts from the public	−2,060	−6,050	−8,948	Proprietary receipts from the public	−2,060	−6,050	−8,948
Receipts from off-budget Federal entities	(NA)	−505	−4,042	Receipts from off-budget Fed entities	(NA)	−505	−4,042
Trust funds	59,362	118,590	189,641	Trust funds	49,066	111,168	171,305
Total in fund accounts	61,464	125,831	202,244	Total in fund accounts	51,167	118,410	183,909
Intrafund transactions	−597	−1,035	−1,490	Intrafund transactions	−597	−1,035	−1,490
Proprietary receipts from the public	−1,505	−5,240	−9,718	Proprietary receipts from the public	−1,505	−5,240	−9,718
Receipts from off-budget Federal entities	(NA)	−967	−1,395	Receipts from off-budget Fed. entities	(NA)	−967	−1,395
Interfund transactions	−8,778	−25,098	−40,052	Interfund transactions	−8,778	−25,098	−40,052

NO. 440. FEDERAL TRUST FUND RECEIPTS, OUTLAYS AND BALANCES: 1970 TO 1980

[**In billions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30;** transition quarter **July–Sept. 1976,** omitted. Receipts based on collections received and deposited. Outlays stated on a checks issued basis, less refunds collected. **Balances:** that portion of funds authorized for use which have not been spent. See text, p. 255 for discussion of the budget concept and trust funds]

DESCRIPTION	1970	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total receipts [1]	**59.4**	**92.2**	**104.8**	**118.6**	**133.7**	**152.8**	**166.0**	**189.6**	**222.2**
OASDI [2] trust funds	36.1	49.6	57.7	66.7	70.7	81.2	89.6	102.1	116.9
Health insurance trust funds	7.5	11.3	15.4	16.9	18.5	22.8	27.6	31.7	35.9
State and local fiscal assistance trust funds [3]	(x)	8.3	6.1	6.2	6.4	6.7	6.9	6.9	6.9
Unemployment insurance funds	4.1	6.7	7.5	8.2	16.2	15.0	15.2	15.9	17.4
R.R. employees retirement funds	1.7	2.3	2.6	2.8	3.3	3.6	3.9	4.2	4.4
Federal employees retirement funds	4.7	7.6	9.0	11.5	13.2	16.7	17.8	20.5	24.0
Airport and airway trust funds	(x)	.8	.9	1.1	1.1	1.4	1.5	1.8	2.1
Highway trust funds	5.5	5.9	6.7	6.8	6.0	7.3	7.6	8.0	8.1
Foreign military sales trust funds	.8	1.7	3.2	4.4	7.3	9.4	8.4	8.5	8.3
Veterans life insurance funds	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.1
Energy security trust fund	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	7.6
Total outlays [4]	**49.1**	**81.4**	**90.8**	**111.2**	**131.3**	**143.3**	**155.3**	**171.3**	**204.1**
OASDI [2] trust funds	30.3	49.1	55.9	64.7	73.9	85.1	93.9	104.1	119.4
Health insurance trust funds	7.1	9.5	11.3	14.8	17.8	21.5	25.2	29.1	33.5
State and local fiscal assistance trust funds [5]	(x)	6.6	6.1	6.1	6.2	6.8	6.8	6.8	6.9
Unemployment insurance funds	3.6	5.4	6.2	13.2	17.9	14.1	11.2	11.2	16.0
R.R. employees retirement funds	1.6	2.4	2.7	3.1	3.5	3.8	4.0	4.3	4.7
Federal employees retirement funds	2.8	4.6	5.7	7.1	8.4	9.7	11.0	12.5	14.7
Airport and airway trust funds	(X)	.7	.5	.6	.5	.9	1.1	1.1	1.2
Highway trust funds	4.4	4.8	4.6	4.8	6.5	6.1	6.1	7.2	8.1
Foreign military sales trust funds	1.0	1.4	2.7	3.5	6.7	8.2	8.1	7.1	9.5
Veterans life insurance funds	.8	.6	.7	.8	.7	.8	.7	.1	.1
Energy security trust fund	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1.9
Balances	**97.2**	**121.1**	**135.2**	**142.6**	**145.0**	**152.5**	**165.2**	**183.6**	**201.6**
OASDI [2] trust funds	37.7	44.3	46.1	48.2	44.9	39.6	35.4	33.4	30.9
Health insurance trust funds	2.7	5.1	9.2	11.3	12.0	13.4	15.8	18.4	20.8
State and local fiscal assistance trust funds	-	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
Unemployment trust fund	13.1	11.1	12.4	7.4	5.7	6.5	10.4	15.1	16.5
R.R. employees retirement accounts	4.8	4.6	4.6	4.3	4.0	3.2	3.1	3.1	2.7
Federal employees retirement funds	22.5	31.2	34.5	38.8	43.7	49.9	56.7	64.7	74.0
Airport and airway trust fund	-	1.2	1.5	2.0	2.6	3.3	3.7	4.4	5.3
Highway trust funds	2.6	5.6	7.7	9.6	9.1	10.2	11.7	12.6	12.6
Foreign military sales trust fund	.5	.7	1.2	2.1	2.7	4.6	4.9	6.3	5.1
Veterans life insurance funds	7.1	7.4	7.6	7.7	7.8	8.0	8.3	8.4	8.6
Other trust funds (nonrevolving)	.6	.7	.7	.7	.8	.9	1.0	1.3	1.5
Trust revolving funds	5.5	7.6	8.1	8.9	9.9	11.2	12.5	14.1	16.0
Energy security trust fund	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	5.7

- Represents zero. X Not applicable. [1] Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. [2] Old-age, survivors, and disability insurance. [3] Deposits for general revenue sharing.
[4] Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and trust revolving funds on net basis (outlays less receipts). [5] Payments for general revenue sharing.

Source of tables 439 and 440: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

No. 441. Budget Outlays, by Agency: 1970 to 1980

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July–Sept. 1976, omitted]

Department or other unit	1970	1974	1975	1976	1977	1978	1979	1980, est.
Total	**196,588**	**269,620**	**326,185**	**366,439**	**402,725**	**450,836**	**493,673**	**[1] 563,583**
Legislative branch	343	625	726	775	976	1,049	1,077	1,331
The Judiciary	128	205	284	325	392	435	480	623
Executive Office of the President	36	66	93	79	73	75	80	100
Funds appropriated to President	2,904	3,484	3,988	3,525	2,487	4,450	2,623	9,505
Departments:								
Agriculture	8,301	9,767	9,722	12,796	16,738	20,368	20,636	23,624
Commerce	1,079	1,455	1,583	2,020	2,606	5,239	4,072	3,561
Defense	78,360	79,307	87,071	90,160	97,930	105,595	117,921	130,630
Education [2 3]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10,879	12,864
Energy [4]	2,459	2,308	3,165	3,759	5,217	6,286	7,893	7,681
Health and Human Services [3 5]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	170,303	193,745
Health, Education, and Welfare [3]	52,670	93,744	112,411	128,785	147,455	162,856	([3])	([3])
Housing and Urban Development	2,603	4,786	7,488	7,079	5,838	7,589	9,213	11,636
Interior	992	1,779	2,139	2,293	3,194	3,821	4,087	4,219
Justice	640	1,797	2,067	2,242	2,350	2,397	2,522	2,563
Labor	5,194	8,966	17,649	25,727	22,374	22,896	22,649	27,503
State	448	735	829	1,062	1,076	1,252	1,548	1,971
Transportation	6,412	8,104	9,247	11,936	12,514	13,452	15,486	17,347
Treasury	19,509	35,993	41,177	44,335	49,560	56,355	65,044	75,826
Independent agencies:								
Environmental Protection Agency	384	2,030	2,530	3,118	4,365	4,071	4,800	4,984
National Aero. and Space Admin	3,749	3,252	3,267	3,670	3,944	3,980	4,187	5,011
Office of Personnel Management [6]	2,647	5,692	7,036	8,320	9,620	10,952	12,654	14,934
Railroad Retirement Board	1,600	2,673	3,083	3,482	3,859	4,075	4,365	4,795
Small Business Administration	253	753	618	436	700	2,766	1,631	1,345
Tennessee Valley Authority	211	401	767	980	1,100	1,412	1,884	1,978
Veterans Administration	8,653	13,337	16,575	18,415	18,019	18,962	19,687	20,711
Other independent agencies	3,580	5,012	6,745	5,824	5,391	6,274	6,241	7,253
Undistributed offsetting receipts	−6,567	−16,651	−14,075	−14,704	−15,053	−15,772	−18,488	−22,258

NA Not available. [1] Includes allowances, not shown separately. [2] New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. [3] The Budget shows the Dept. of Education and the Dept. of Health and Human Services as if they existed since 1979. [4] See footnotes 6 and 11, table 472. [5] This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. [6] Civil Service Commission prior to 1979.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 442. Federal Participation in Domestic Credit Markets: 1965 to 1979

[In billions of dollars, except percent. See headnote, table 441. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises. Credit programs provide credit in private capital markets to certain classes of borrowers, or on special terms and conditions, or for special activities. An element of subsidy is involved since Government assistance is given on terms or conditions more favorable than would have occurred in private capital markets]

Type of participation	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total funds advanced in U.S. credit markets, including equities [1]	**69.3**	**93.6**	**207.7**	**193.4**	**181.3**	**251.8**	**314.4**	**385.3**	**410.7**
Advanced under Federal auspices [2]	8.9	16.1	27.2	25.5	27.0	26.8	37.2	58.7	73.3
Federal participation rate (percent)	13.0	17.2	13.1	13.2	14.9	10.6	11.8	15.2	17.8
Direct loans:									
On-budget	2.7	3.0	.3	1.9	4.3	3.3	2.5	8.4	6.0
Off-budget	–	–	.7	2.2	8.5	7.6	9.0	11.4	13.6
Guaranteed loans	4.9	8.0	17.7	10.5	8.7	11.2	14.0	13.9	26.1
Sponsored agency loans [3]	1.3	5.2	8.5	11.0	5.5	4.7	11.6	25.0	27.5
Total funds raised in U.S. credit markets [1]	**69.3**	**93.6**	**207.7**	**193.4**	**181.3**	**251.8**	**314.4**	**385.3**	**410.7**
Raised under Federal auspices [2]	10.2	17.9	45.5	24.2	64.8	98.2	79.5	94.2	81.2
Federal participation rate (percent)	15.0	19.1	21.9	12.5	35.7	39.0	25.3	24.4	19.8
Federal borrowing from public	4.1	5.4	19.3	3.0	50.9	83.4	53.5	59.1	33.6
Guaranteed borrowing	4.9	8.0	17.7	10.5	8.7	11.2	14.0	13.9	26.1
Sponsored agency borrowing [3]	1.2	4.5	8.5	10.8	5.3	3.6	11.9	21.2	21.4

– Represents zero. [1] Nonfinancial sectors. [2] Estimated. [3] See table 888.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 443. Federal Direct and Guaranteed Loans: 1970 to 1980

[**In billions of dollars.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays; they constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 442]

LOAN STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
Direct loans: [1] Net loan outlays	3.0	2.0	2.9	1.0	4.1	12.8	10.9	11.5	19.8	19.6	22.8
Gross (new) loans disbursed	12.4	12.1	13.8	15.7	15.8	28.8	34.5	35.4	48.6	49.2	59.1
Direct loans outstanding	51.1	53.2	56.1	57.1	61.5	74.1	85.9	100.7	120.5	140.5	163.3
Guaranteed loans: [2] Net loans	8.0	16.1	19.8	17.7	10.5	8.7	11.2	14.0	13.9	26.1	33.4
Gross loans guaranteed	(NA)	(NA)	(NA)	(NA)	32.0	31.2	31.9	43.9	48.5	60.5	71.5
Guaranteed loans outstanding	126.5	141.8	161.5	179.1	189.7	198.3	210.1	224.0	237.9	264.6	298.0

NA Not available. [1] Includes loans from "off-budget" Government accounts. One of these is the Federal Financing Bank which buys or originates loans guaranteed by other Federal agencies. [2] Excludes guaranteed loans held by both on-budget and off-budget Government accounts but includes those held by Government-sponsored enterprises. Guaranteed loans include capital subscriptions to international financial institutions. See table 888 for sponsored enterprises.

No. 444. Federal Credit Activities: 1979

[**In millions of dollars.** For year ending **Sept. 30.** See headnote, tables 442 and 443]

FUNCTION	DIRECT LENDING					LOAN GUARANTEES				
	New loan obligations	New direct loans	Repayments, loan sales, and other adjustments	Net loan outlays	Direct loans outstanding	New commitments	New loans guaranteed	Repayments and other adjustments	Terminations for default	Guaranteed loans outstanding
Total, before deductions	**51,402**	**49,197**	**−29,581**	**19,615**	**140,516**	**147,336**	**100,888**	**−42,189**	**−1,230**	**387,172**
Less secondary guaranteed loans	−	−	−	−	−	42,360	22,816	−4,607	−	72,370
Less guaranteed loans held as direct loans	−	−	−	−	−	18,098	17,537	−4,392	−	50,205
Total, after deductions	**51,402**	**49,197**	**−29,581**	**19,615**	**140,516**	**86,878**	**60,535**	**−33,190**	**−1,230**	**264,596**
National defense	1	1	−11	−10	45	−	−	−46	−1	136
International affairs	5,457	4,451	−2,686	1,764	38,345	12,148	8,002	−4,596	−89	24,653
Economic support fund	713	1,001	−26	975	3,069	−	−	−	−	−
Foreign military sales credit	595	640	−677	−37	786	5,165	1,622	−328	−87	5,670
Military equipment	−	1	−37	−36	570	−	−	−	−	−
Development assistance	−	312	−	312	1,023	−	−	−	−	−
Overseas private invest. corp.	3	6	−5	1	23	53	−	−31	−1	92
Development loans—revolving funds	−	70	−320	−250	10,581	−	−	−	−	−
Other economic development	−	2	−4	−1	98	145	96	−16	−	760
Food for peace	778	778	−168	610	6,483	−	−	−	−	−
Export-Import Bank	3,367	1,629	−1,321	309	11,859	5,902	5,401	−4,221	−1	6,586
Int'l financial institutions	−	−	−	−	−	883	883	−	−	11,545
Other	1	9	−129	−121	3,853	−	−	−	−	−
General science, space, technology	−	−	−	−	−	152	186	−	−	423
Energy programs	1,271	1,126	−900	227	9,348	6,017	2,651	−	−	7,549
Natural resources and environment	36	23	1	24	294	−	−	−	−	−
Commodity Credit Corp	6,104	6,104	−5,510	594	7,835	136	136	−	−	136
Agricultural Credit Insurance Fund	8,086	7,956	−7,250	706	2,034	5,596	5,594	−917	−	14,174
Commerce and housing [1]	24,533	23,677	−10,240	13,437	57,766	84,567	51,417	−17,790	−425	206,499
Transportation	875	882	−159	723	3,499	1,148	719	−412	−21	8,015
Community and regional development	3,294	2,841	−1,724	1,116	7,649	2,988	2,700	−948	−59	7,191
Education, training, employment, and social services	659	700	−150	550	8,227	3,290	3,290	−1,029	−275	10,882
Health	63	75	−26	49	674	33	48	−39	−3	1,487
Income security	278	278	−269	9	85	13,061	9,451	−8,969	−	15,050
Veterans benefits and services	574	894	−594	301	3,000	17,682	16,159	−7,439	−356	89,158
Administration of justice	26	32	−20	11	161	−	−	−	−	−
General government	3	15	−20	−5	122	−	35	−5	−	1,300
Gen. purpose fiscal assistance	141	141	−22	118	1,434	500	500	−	−	520

− Represents zero. Z Less than $500,000. [1] Also included are the lending activities of the off-budget Federal Financing Bank (FFB). In dollar terms, this function makes more direct loans and guarantees more loans than any other single function. The FFB is not distributed by function.

Source of tables 443 and 444: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

NO. 445. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1977 TO 1980

[**In millions of dollars.** For years ending **Sept. 30.** Tax expenditures are the estimated revenue losses attributable to provisions of the Federal tax laws which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of tax liability. Estimates of each tax expenditure are made independently of any other tax provision. If 2 or more items were eliminated simultaneously, resulting revenue change might be larger or smaller than the sum of estimates shown for individual items. Change in tax rates or other basic tax provisions would affect estimates for individual items. Therefore, totals give only estimated orders of magnitude. Year-to-year differences in estimates of particular items may be due to changes in tax law or revised estimating techniques. Based on tax law enacted as of December 31; see source for further details]

BUDGET FUNCTION AND ITEM	1977		1978		1979		1980	
	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals
National defense:								
Exclusion of benefits and allowances to Armed Forces personnel	(x)	1,095	(x)	1,260	(x)	1,360	(x)	1,470
Exclusion of military disability pensions	(x)	105	(x)	115	(x)	115	(x)	125
International affairs:								
Exclusion of income earned abroad by U.S. citizens	(x)	545	(x)	565	(x)	530	(x)	555
Deferral of income of—								
Domestic international sales (DISC) corps	945	(x)	1,000	(x)	1,210	(x)	1,400	(x)
Controlled foreign corporations	570	(x)	585	(x)	530	(x)	445	(x)
Western Hemisphere trade corp. special rate	35	(x)	25	(x)	15	(x)	5	(x)
General science, space, and technology: Expensing of R and D expenditures	1,395	30	1,360	25	1,490	35	1,760	35
Energy:								
Expensing of exploration and development costs	820	210	1,010	380	1,275	470	1,580	610
Excess of percentage over cost depletion	1,090	305	1,115	385	1,010	820	1,160	1,150
Capital gains treatment of royalties on coal	10	45	10	55	10	65	10	75
Residential energy credits	(x)	(x)	(x)	(x)	(x)	645	(x)	460
Alternative conservation and new technology credits	(x)	(x)	(x)	(x)	220	(z)	390	(z)
Natural resources and environment:								
Exclusion of interest on State and local government pollution control bonds	170	85	170	175	200	215	220	240
Exclusion of payments in aid of construction of water and sewage utilities	15	(x)	10	(x)	10	(x)	60	(x)
Pollution control facilities: 5-year amortization	−80	(x)	−40	(x)	−25	(x)	−10	(x)
Tax incentives for preservation of historic structures	(x)	(x)	(x)	(x)	5	10	10	25
Capital gains treatment of certain timber income	185	55	275	75	385	110	420	120
Capital gains treatment of iron ore	5	5	5	5	10	10	10	10
Agriculture:								
Expensing of certain capital outlays	80	375	75	445	75	445	75	430
Capital gains treatment of certain ordinary income	10	330	10	350	15	365	20	385
Deductibility of noncash patronage dividends and certain other items of cooperatives	455	−165	500	−175	505	−170	540	−175
Exclusion of certain cost-sharing payments	(x)	(x)	(x)	(x)	(x)	(z)	(x)	30
Commerce and housing credit:								
Dividend exclusion	(x)	450	(x)	440	(x)	460	(x)	490
Exclusion of interest on State and local industrial development bonds	195	95	215	220	240	255	280	305
Exemption of credit union income	70	(x)	80	(x)	90	(x)	100	(x)
Financial institutions: Excess bad debt reserves	535	(x)	775	(x)	780	(x)	855	(x)
Deductibility of—								
Mortgage interest on owner-occupied homes	(x)	4,490	(x)	7,595	(x)	10,745	(x)	12,505
Property tax on owner-occupied homes	(x)	4,205	(x)	5,495	(x)	6,760	(x)	7,740
Interest on consumer credit	(x)	1,785	(x)	2,350	(x)	3,085	(x)	3,595
Expensing of construction period interest and taxes	475	150	500	140	525	90	555	140
Excess first-year depreciation	45	140	45	130	50	135	50	135
Depreciation on rental housing in excess of straight line	80	320	75	300	70	290	65	285
Depreciation on buildings (other than rental housing) in excess of straight line	160	140	145	130	135	120	135	120
Asset depreciation range	1,955	100	2,130	110	2,460	130	2,880	150
Capital gains (exc. farming, timber, iron ore, coal)	520	6,910	525	7,125	655	10,190	715	13,855
Deferral of capital gains on home sales	(x)	890	(x)	955	(x)	1,125	(x)	1,010
Capital gains at death	(x)	7,280	(x)	8,120	(x)	4,440	(x)	4,750
Surtax exemption (through 1978)	3,875	(x)	5,225	(x)	3,110	(x)	115	(x)
Reduced rates on first $1,000,000 of corporate income	(x)	(x)	(x)	(x)	3,285	(x)	7,555	(x)
Investment credit	8,880	2,075	10,870	2,250	13,910	2,590	15,705	2,910
Investment credit for rehabilitation of structures	(x)	(x)	(x)	(x)	55	10	120	60
Transportation:								
Deductibility of nonbusiness State gasoline taxes	(x)	685	(x)	920	(x)	(x)	350	(x)
Railroad rolling stock: 5-year amortization	−35	(x)	−40	(x)	−40	(x)	−40	(x)
Deferral of tax on shipping companies	130	(x)	80	(x)	75	(x)	70	(x)
Community and regional development:								
Housing rehabilitation: 5-year amortization	10	15	10	10	5	10	5	10

See footnotes at end of table.

NO. 445. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1977 TO 1980—Continued

[In millions of dollars. See headnote, p. 266]

BUDGET FUNCTION AND ITEM	1977		1978		1979		1980	
	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals	Corporations	Individuals
Educ., training, employment, and social services:								
Exclusion of scholarships and fellowship income	(x)	245	(x)	255	(x)	310	(x)	375
Parental personal exemptions for students age 19 and over	(x)	750	(x)	780	(x)	935	(x)	1,030
Exclusion of employee meals and lodging [1]	(x)	280	(x)	300	(x)	325	(x)	350
Employer educational assistance	(x)	(x)	(x)	(x)	(x)	20	(x)	30
Exclusion of contributions to prepaid legal services plans	(x)	5	(x)	10	(x)	15	(x)	20
Investment credit for employee stock ownership plans (ESOP)	245	(x)	315	(x)	650	(x)	700	(x)
Deductibility of charitable contributions to—								
Education	235	525	275	655	325	680	345	765
Other than education and health	290	3,935	345	4,905	405	5,110	430	5,725
Maximum tax on personal service income	(x)	555	(x)	1,090	(x)	1,215	(x)	1,265
Credit for child and dependent care expenses	(x)	475	(x)	550	(x)	715	(x)	820
Credit for employment of public assistance recipients under work-incentive programs	15	(x)	15	(z)	45	5	45	5
Jobs credit	565	125	1,475	985	1,135	685	305	10
Health:								
Exclusion of employer contributions to medical insurance premiums and medical care	(x)	5,560	(x)	7,105	(x)	11,080	(x)	12,965
Deductibility of medical expenses	(x)	2,230	(x)	2,785	(x)	3,215	(x)	3,585
Deductibility of charitable contributions (health)	145	790	170	980	200	1,020	210	1,145
Income security:								
Exclusion of social security benefits for—								
Disability insurance	(x)	470	(x)	515	(x)	590	(x)	685
OASI benefits for retired workers	(x)	3,790	(x)	4,635	(x)	5,465	(x)	6,880
Dependents and survivors	(x)	860	(x)	730	(x)	845	(x)	990
Exclusion of benefits from or for—								
Railroad retirement system benefits	(x)	250	(x)	275	(x)	285	(x)	330
Workmen's compensation	(x)	720	(x)	835	(x)	980	(x)	1,165
Disabled coal miners	(x)	50	(x)	50	(x)	50	(x)	50
Unemployment insurance	(x)	1,500	(x)	2,090	(x)	1,885	(x)	2,495
Public assistance	(x)	330	(x)	350	(x)	345	(x)	395
Sick pay	(x)	110	(x)	130	(x)	185	(x)	185
Net exclusion of pension contributions and earnings: Employer plans	(x)	8,715	(x)	9,940	(x)	11,335	(x)	12,925
Plans for self-employed and others	(x)	1,390	(x)	1,650	(x)	1,765	(x)	2,125
Exclusion of other employee benefits:								
Premiums on group term life insurance	(x)	860	(x)	840	(x)	1,350	(x)	1,485
Premiums on accident and disability insurance	(x)	70	(x)	75	(x)	85	(x)	90
Income of trusts to finance supplementary unemployment benefits	(x)	10	(x)	10	(x)	10	(x)	10
Exclusion of interest on life insurance savings	(x)	1,850	(x)	2,220	(x)	2,910	(x)	3,365
Exclusion of capital gains on home sales:								
For persons age 65 and over	(x)	40	(x)	110	(x)	75	(x)	(x)
For persons age 55 and over	(x)	(x)	(x)	(x)	(x)	225	(x)	535
Additional exemption for elderly	(x)	1,140	(x)	1,350	(x)	1,745	(x)	1,970
Additional exemption for the blind	(x)	20	(x)	25	(x)	35	(x)	40
Deductibility of casualty losses	(x)	320	(x)	410	(x)	530	(x)	590
Tax credit for the elderly	(x)	230	(x)	170	(x)	145	(x)	135
Earned income credit, nonrefundable portion	(x)	365	(x)	285	(x)	300	(x)	415
Exclusion of interest on State and local housing bonds	(x)	340	280	60	410	80	630	180
Veterans benefits and services:								
Exclusion of veterans disability compensation	(x)	745	(x)	800	(x)	915	(x)	1,050
Exclusion of veterans pensions	(x)	35	(x)	40	(x)	45	(x)	50
Exclusion of GI bill benefits	(x)	260	(x)	225	(x)	190	(x)	160
General government: Credits and deductions for political contributions	(x)	85	(x)	80	(x)	80	(x)	100
General purpose fiscal assistance:								
Exclusion of interest on general-purpose State and local debt	3,105	1,725	2,925	1,865	3,245	2,120	3,515	2,365
Deductibility of nonbusiness State and local taxes (other than on owner-occupied homes and gasoline)	(x)	7,660	(x)	9,950	(x)	12,595	(x)	14,665
Tax credit for corporations doing business in U.S. possessions	450	(x)	685	(x)	740	(x)	780	(x)
Interest: Deferral of interest on savings bonds	(x)	585	(x)	620	(x)	500	(x)	290

X Not applicable. Z $2.5 million or less. [1] Other than military.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual.

No. 446. Internal Revenue Collections, by Selected Sources: 1960 to 1979

[For years ending **June 30** except, beginning **1977** ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)									PERCENT OF TOTAL			
	1960	1965	1970	1974	1975	1976	1977	1978	1979	1960	1970	1978	1979
All taxes	**91.8**	**114.4**	**195.7**	**269.0**	**293.8**	**302.5**	**358.1**	**399.8**	**460.4**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	44.9	53.7	108.7	142.9	156.4	159.0	186.8	213.1	251.5	49.0	53.0	53.3	54.6
Withheld by employers	31.7	36.8	77.4	112.1	122.1	123.4	144.7	165.3	195.3	34.5	39.6	41.3	42.4
Employment taxes [1]	11.2	17.1	37.4	62.1	70.1	74.2	86.1	97.3	112.8	12.2	19.1	24.3	24.5
Old-age and disability insurance	10.2	15.8	35.7	59.1	67.1	71.0	82.3	92.6	107.5	11.1	18.2	23.2	23.4
Unemployment insurance	.3	.6	.8	1.5	1.4	1.6	1.9	2.6	3.0	.4	.4	.7	.6
Corporation income taxes	22.2	26.1	35.0	41.7	45.7	46.8	60.0	65.4	71.4	24.2	17.9	16.4	15.5
Estate and gift taxes	1.6	2.7	3.7	5.1	4.7	5.3	7.4	5.4	5.5	1.8	1.9	1.4	1.2
Excise taxes [2]	11.9	14.8	15.9	17.1	16.8	17.3	17.8	18.7	19.0	12.9	8.1	4.7	4.1
Alcohol	3.2	3.8	4.7	5.4	5.4	5.4	5.4	5.6	5.6	3.5	2.4	1.4	1.2
Tobacco	1.9	2.1	2.1	2.4	2.3	2.5	2.4	2.5	2.5	2.1	1.1	.6	.5
Manufactures [2]	4.7	6.4	6.7	5.7	5.5	5.5	6.1	6.6	7.1	5.2	3.4	1.7	1.5
Gasoline and lubricating oils	2.1	2.8	3.5	4.2	4.1	4.2	4.4	4.5	4.6	2.3	1.8	1.1	1.0
Motor vehicles and parts [3]	2.1	3.0	3.1	1.5	1.4	1.2	1.6	1.8	2.1	2.3	1.6	.5	.4
Miscellaneous [2]	1.8	2.3	2.4	3.6	3.7	3.5	3.7	3.8	3.8	1.9	1.2	.9	.8
General and toll telephones [4]	.7	1.1	1.5	1.9	2.0	1.8	1.7	1.7	1.4	.8	.8	.4	.3
Transportation of persons	.3	.1	.3	.7	.8	.8	1.0	1.1	1.3	.3	.1	.3	.3

[1] Includes railroad retirement, not shown separately. [2] Includes other taxes, not shown separately.
[3] Includes tires, tubes, and tread rubber. [4] Includes telegraph, radio, and cable services.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 447. Number of Tax Returns Filed, by Type: 1960 to 1979

[**In thousands.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes P. Rico and Virgin Is.]

TYPE OF RETURN	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total [1]	**94,399**	**102,492**	**113,079**	**121,914**	**126,049**	**127,662**	**133,522**	**136,718**	**140,174**
Income tax [2]	70,151	76,113	89,225	95,313	96,311	95,362	98,772	100,775	104,933
Individual and fiduciary	61,260	66,965	78,370	83,029	85,518	84,189	87,271	89,118	92,630
Estimated tax declarations	6,309	6,197	7,375	7,437	7,543	7,868	8,088	8,103	8,425
Partnership	1,016	977	937	1,118	1,138	1,135	1,165	1,205	1,353
Corporation	1,072	1,420	1,726	1,981	2,112	2,170	2,248	2,349	2,524
Estate tax	62	94	132	212	216	242	248	160	159
Gift tax	91	122	148	253	260	309	287	195	202
Employment tax	20,227	22,266	21,994	24,794	24,757	24,841	25,024	25,541	26,219
Exempt organization	(NA)	(NA)	(NA)	(NA)	374	503	554	517	450
Employee plan	(NA)	(NA)	(NA)	(NA)	1,104	525	1,287	1,243	1,214
Excise tax [3]	3,868	3,898	1,580	1,342	1,427	1,392	1,474	1,459	1,522

NA Not available. [1] Beginning 1975, includes other returns, not shown separately.
[2] Prior to 1975, includes other returns, not shown separately. [3] Includes alcohol, tobacco, and firearms tax returns.

No. 448. Number of Individual Income Tax Returns, by Marital Status and Size of Adjusted Gross Income: 1965 to 1978

ITEM	NUMBER OF RETURNS (1,000)						PERCENT		
	1965	1970	1975	1976	1977	1978, prel.	1965	1970	1978, prel.
Total tax returns	**67,596**	**74,280**	**82,229**	**84,670**	**86,634**	**89,890**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	39,304	42,376	44,140	44,439	44,004	44,550	58.2	57.0	49.6
Separate returns, husbands and wives	2,851	2,370	1,939	1,879	1,295	1,538	4.2	3.2	1.7
Returns of heads of households [1]	2,090	3,857	5,139	5,478	5,989	6,518	3.1	5.2	7.3
Returns of single persons	23,351	25,677	31,011	32,875	35,345	37,284	34.5	34.6	41.5
Returns with income under $10,000	**56,491**	**50,611**	**44,855**	**43,829**	**42,605**	**41,916**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	28,978	21,036	13,785	12,138	10,434	8,996	51.3	41.6	21.5
Separate returns, husbands and wives	2,786	2,184	1,504	1,370	883	1,081	4.9	4.3	2.6
Returns of heads of households	1,949	3,383	3,679	3,758	3,808	4,087	3.5	6.7	9.8
Returns of single persons	22,778	24,008	25,887	26,562	27,481	27,752	40.3	47.4	66.2
Returns with income over $10,000	**11,105**	**23,669**	**37,375**	**40,842**	**44,029**	**47,974**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	10,326	21,340	30,356	32,300	33,571	35,554	93.0	90.2	74.1
Separate returns, husbands and wives	65	185	435	509	412	458	.6	.8	1.0
Returns of heads of households	140	473	1,460	1,719	2,183	2,431	1.3	2.0	5.1
Returns of single persons	574	1,671	5,124	6,312	7,864	9,531	5.1	7.0	19.9

[1] Includes returns of surviving spouses.

Source of tables 447 and 448: U.S. Internal Revenue Service, *Annual Report of the Commissioner*, and *Statistics of Income, Individual Income Tax Returns*, annual.

No. 449. Federal Individual Income Tax Returns with Adjusted Gross Income—Summary: 1960 to 1978

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits* (exemptions, deductions, etc.). Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income (AGI) is gross income from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, losses from sales of capital assets, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978, prel.
Taxpayers, total	Mil.	98.7	107.6	117.0	124.3	127.6	126.6	129.2	130.7	134.6
Personal exemptions	Mil.	175.3	190.7	204.1	209.8	215.1	212.2	215.8	215.2	220.0
65 years old and over	Mil.	6.7	7.9	8.9	9.2	9.6	9.9	10.4	10.5	11.0
Taxpayers dependents	Mil.	69.9	75.1	78.1	75.8	77.6	75.5	76.0	73.8	74.2
Adjusted gross income, total	Bil. dol.	316.6	430.7	634.3	827.1	905.5	947.8	1,053.9	1,158.5	1,304.2
Total individual returns [1]	Mil.	61.0	67.6	74.3	80.7	83.3	82.2	84.7	86.6	89.9
Returns with AGI	Mil.	60.6	67.2	73.8	80.2	82.8	81.6	84.1	86.1	89.4
Taxable	Mil.	48.1	53.7	59.3	64.3	67.3	61.5	64.4	64.4	68.8
Percent of all returns	Percent	79.3	79.4	79.9	79.6	80.8	74.8	76.1	74.3	76.5
Adjusted gross income [2]	Bil. dol.	297.2	400.3	610.3	799.7	880.4	898.3	1,004.4	1,097.7	1,242.4
Personal exemptions [3]	Bil. dol.	81.2	91.9	107.0	132.4	136.8	123.8	128.0	126.0	132.3
65 years old and over	Mil.	(NA)	4.1	5.6	6.2	6.9	6.7	7.0	6.7	7.5
Taxpayers dependents	Mil.	(NA)	61.2	66.1	66.5	67.9	59.5	61.1	59.4	61.2
Income tax withheld	Bil. dol.	31.9	38.5	74.2	101.1	115.3	114.8	128.8	143.5	166.7
Nontaxable [4]	Mil.	12.5	13.5	14.5	16.4	16.0	20.7	20.2	22.3	21.1
Percent of all returns	Percent	20.7	20.6	20.1	20.4	19.2	25.2	23.9	25.7	23.5
Returns with—										
Standard deductions	Mil.	36.9	39.3	38.4	52.2	53.2	55.5	58.2	59.0	59.8
Itemized deductions	Mil.	24.1	27.9	35.4	28.0	29.6	26.1	26.0	22.9	25.8
Adjusted gross income	Bil. dol.	181.1	267.3	448.7	486.3	544.3	532.6	581.7	595.0	708.9
Deductions, total	Bil. dol.	35.3	50.7	88.2	107.0	119.4	122.3	133.9	138.5	163.9
Overpayments	Mil.	39.4	42.8	55.3	64.2	65.8	63.8	65.0	66.0	65.7
Tax due	Mil.	16.2	20.0	16.5	14.2	15.4	15.8	16.9	17.8	21.5
Statutory adjustments [5]	Bil. dol.	(NA)	3.1	7.7	10.7	13.1	15.1	16.3	19.3	22.3
Taxable income [6]	Bil. dol.	171.6	255.1	401.2	511.9	573.6	595.5	674.9	939.0	1,063.3
Percent of AGI	Percent	54.2	59.2	63.2	61.9	63.4	62.8	64.0	81.1	81.5
Income tax, total [7]	Bil. dol.	39.5	49.5	83.9	108.1	123.6	124.5	141.8	159.8	188.6
Percent of AGI [8]	Percent	13.3	12.1	13.7	13.5	14.0	13.9	14.1	14.6	15.2
Percent of taxable income [9]	Percent	23.0	19.4	20.9	21.1	21.5	20.9	21.2	17.6	18.3
Average income per return [8]	$1,000	6.2	7.6	8.5	12.4	13.1	14.6	15.6	17.1	18.1
Average income tax per return [8]	Dol.	821	922	1,415	1,682	1,836	2,025	2,201	2,482	2,741
Income tax per capita of total population	Dol.	219	256	413	515	585	584	661	738	865
Percent of total population filing returns [10]	Percent	54.4	54.8	57.2	59.0	60.3	59.3	60.1	60.4	61.7
Total credits	Bil. dol.	.4	.6	.4	1.5	1.6	8.1	12.7	13.6	17.0
Income tax after credits	Bil. dol.	39.5	49.5	83.8	107.9	123.5	124.4	140.8	158.5	187.2
Self-employment tax	Bil. dol.	.1	1.1	1.8	3.0	3.3	3.4	3.8	4.1	4.6
Total tax liability	Bil. dol.	40.3	50.6	85.8	111.1	127.0	127.9	145.7	164.0	193.5
SOURCES OF INCOME (TOTAL RETURNS)										
Salaries and wages, gross	Bil. dol.	[11] 257.7	346.8	531.3	686.3	758.6	795.4	881.0	969.4	1,092.0
Percent of AGI	Percent	81.4	80.5	83.8	82.6	83.8	83.9	83.6	83.7	83.7
Interest	Bil. dol.	5.0	11.2	21.8	31.9	39.5	43.4	48.6	54.6	60.9
Business or profession, net [12]	Bil. dol.	[13] 22.1	25.2	31.0	39.1	39.0	39.4	44.5	49.5	53.3
Dividends [14]	Bil. dol.	9.5	12.9	15.7	18.5	20.9	21.9	24.5	27.0	30.2
Pensions and annuities [15]	Bil. dol.	1.6	3.6	7.9	13.0	16.7	20.9	24.6	29.2	32.9
Sales of capital assets [12]	Bil. dol.	5.1	10.0	8.7	16.1	13.5	14.1	18.6	20.8	22.0
Partnerships [12]	Bil. dol.	[16] 9.2	[16] 11.1	11.7	12.5	11.0	10.8	11.7	13.3	15.4
Rents [12]	Bil. dol.	2.7	2.4	2.4	3.8	3.8	3.4	3.9	3.0	3.3
Farm [12]	Bil. dol.	([13])	3.9	3.4	8.3	5.0	3.6	3.5	.5	3.8
Estates and trusts [12]	Bil. dol.	.7	([17])	1.4	2.0	2.3	2.6	2.9	2.8	3.0
Small business corporation [12]	Bil. dol.	([16])	([16])	1.7	2.1	2.6	2.1	1.9	2.0	2.5
Royalties [12]	Bil. dol.	.6	.6	.8	1.2	1.6	1.8	2.0	2.2	2.6
Other sources [12 18]	Bil. dol.	2.2	6.1	4.2	3.0	4.1	3.5	2.5	3.5	4.6

NA Not available. [1] Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. [2] 1960-1970, returns with adjusted gross income only. Beginning 1973, includes returns with adjusted gross income less deficit. [3] Exemptions: 1960 and 1965, $600; 1970, $625; 1973-1978, $750. [4] Beginning 1973, includes returns with no adjusted income. [5] Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account and forfeited interest penalty. [6] Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [7] Income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax"). [8] Only taxable returns counted in computing percent or average. [9] Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. [10] Joint returns counted twice in computing percent. [11] Represents salaries and wages after sick pay exclusion and certain employee business expenses. [12] Figures represent net income minus net loss. [13] Farm, net included with business or profession, net. [14] After exclusions. [15] Taxable portion. [16] Small business corporation included with partnerships. [17] Included in other sources. [18] Statutory adjustments are not included with other sources.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 450. Federal Individual Income Tax Returns With Adjusted Gross Income: 1960 to 1978

[In thousands of returns. See headnote, table 449]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, est.
Total individual returns [1]	61,028	67,596	74,280	77,573	80,693	83,340	82,229	84,670	86,635	89,890
Returns with adjusted gross income	60,593	67,199	73,862	77,132	80,249	82,794	81,586	84,124	86,066	89,384
Under $5,000	35,008	32,620	27,890	26,523	26,594	26,221	24,258	23,389	22,694	21,793
$5,000–$9,999	20,266	23,474	22,303	21,176	20,582	20,587	19,953	19,893	19,343	19,617
$10,000–$14,999	3,642	7,715	14,106	15,364	15,804	15,670	14,964	14,551	14,299	14,261
$15,000–$19,999	786	1,762	5,538	7,773	9,091	10,071	10,354	11,388	11,405	11,416
$20,000–$24,999	324	1,394	1,909	3,094	3,944	4,945	5,598	6,650	7,767	8,555
$25,000–$29,999	441		768	1,266	1,742	2,260	2,744	3,630	4,354	5,385
$30,000–$49,999			918	1,338	1,760	2,174	2,748	3,639	4,785	6,534
$50,000–$99,999	101	189	351	484	597	701	781	948	1,141	1,469
$100,000–$499,999	23	44	75	111	132	162	182	221	272	345
$500,000–$999,999	1	1	2	3	3	3	3	4	5	7
$1,000,000 and over	(z)	1	1	1	1	1	1	1	2	2
Taxable returns	48,061	53,701	59,317	60,869	64,267	67,335	61,491	64,421	64,381	68,806
Under $5,000	22,752	19,614	13,815	11,225	11,544	11,718	7,167	6,808	4,950	5,148
$5,000–$9,999	19,998	23,011	21,873	20,326	19,784	19,789	17,338	17,135	15,875	16,368
$10,000–$14,999	3,637	7,696	14,081	15,284	15,727	15,566	14,724	14,329	14,014	13,845
$15,000–$19,999	785	1,757	5,532	7,755	9,058	10,046	10,260	11,127	11,310	11,288
$20,000–$24,999	323	1,389	1,906	3,087	3,934	4,933	5,571	6,619	7,727	8,496
$25,000–$29,999	441		766	1,262	1,737	2,254	2,734	3,612	4,333	5,351
$30,000–$49,999			916	1,334	1,753	2,165	2,734	3,620	4,760	6,499
$50,000–$99,999	101	188	350	482	594	698	776	945	1,134	1,457
$100,000–$499,999	23	44	75	111	132	161	181	221	271	344
$500,000–$999,999	1	1	2	3	3	3	3	4	5	7
$1,000,000 and over	(z)	1	1	1	1	1	1	1	2	2

Z Less than 500. [1] See footnote 1, table 449.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

No. 451. Average Tax of Taxable Individual Income Tax Returns and Percent Total Tax of Taxable Income, by Adjusted Gross Income Classes: 1960 to 1978

ADJUSTED GROSS INCOME CLASS	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
	AVERAGE TAX									
Total (dol)	821	922	1,415	1,537	1,682	1,836	2,025	2,201	2,482	2,741
Under $5,000 (dol.)	278	221	263	189	188	192	111	160	144	134
$5,000–$9,999 (dol.)	768	671	762	657	674	693	618	578	530	539
$10,000–$14,999 ($1,000)	1.7	1.4	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.2
$15,000–$24,999 ($1,000)	3.3	3.7	2.7	2.4	2.5	2.5	2.4	2.4	2.4	2.5
$25,000–$49,999 ($1,000)	8.2		6.4	5.7	5.7	5.6	5.4	5.4	5.4	5.5
$50,000–$99,999 ($1,000)	22.5	19.4	19.0	17.7	17.4	17.5	17.2	17.2	17.1	16.7
$100,000–$499,999 ($1,000)	68.9	63.0	60.6	57.3	56.3	57.2	56.3	57.8	57.7	57.7
$500,000–$999,999 ($1,000)	312	294	304	305	306	301	298	314	310	308
$1,000,000 and over ($1,000)	951	967	992	1,022	935	969	987	1,069	1,045	998
	PERCENT TOTAL TAX [1] OF TAXABLE INCOME									
Total	23.0	19.5	20.9	21.0	21.2	21.6	21.1	21.2	[2] 17.6	[2] 18.3
Under $5,000	19.9	15.3	15.8	15.2	15.3	15.4	12.8	12.5	4.4	4.1
$5,000–$9,999	20.4	16.3	17.2	16.7	16.8	16.9	15.3	14.3	8.6	8.7
$10,000–$14,999	21.4	17.6	18.4	17.7	17.8	18.0	17.0	16.1	11.8	12.1
$15,000–$24,999	24.2	22.1	20.4	19.5	19.5	19.6	18.8	18.3	15.1	15.2
$25,000–$49,999	30.8		25.6	24.3	23.7	23.7	23.1	22.9	20.3	20.3
$50,000–$99,999	42.0	35.8	36.1	34.9	33.6	33.6	33.3	33.6	31.5	30.9
$100,000–$499,999	53.7	47.7	49.8	47.9	46.2	46.1	45.7	46.7	45.1	44.5
$500,000–$999,999	59.0	53.7	62.5	63.1	61.2	60.0	59.1	62.2	60.5	59.2
$1,000,000 and over	61.6	54.4	61.2	65.1	64.7	65.0	64.9	67.3	68.4	65.4

[1] Represents income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax").

[2] Not comparable to previous years because of change in definition of taxable income (see headnote, table 449, and footnote 2, table 452.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

No. 452. Individual Income Tax Returns, by Adjusted Gross Income Classes: 1965 to 1978

[Includes Puerto Rico and Virgin Islands. Based on sample of unaudited returns as filed; see Appendix III]

Adjusted gross income class	Total (bil. dol.)						Percent distribution					
	1965	1970	1975	1976	1977	1978, prel.	1965	1970	1975	1976	1977	1978, prel.
	Adjusted gross income [1]											
Total	**430.7**	**634.2**	**947.8**	**1,053.9**	**1,158.5**	**1,304.2**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	409.4	610.3	898.3	1,004.4	1,097.7	1,242.4	95.0	96.2	94.8	95.3	94.8	95.3
Under $5,000	59.5	47.2	26.9	25.3	19.4	19.9	13.8	7.4	2.8	2.4	1.7	1.5
$5,000–$9,999	167.4	162.9	129.9	128.3	120.0	122.9	38.9	25.7	13.7	12.2	10.4	9.4
$10,000–$14,999	91.6	171.6	182.8	178.0	173.7	171.9	21.3	27.1	19.3	16.9	15.0	13.2
$15,000–$19,999	29.8	94.4	177.4	193.0	196.4	196.7	6.9	14.9	18.7	18.3	17.0	15.1
$20,000–$24,999	39.5	42.1	123.7	147.2	172.3	189.7	9.2	6.6	13.1	14.0	14.9	14.5
$25,000–$49,999		54.8	174.0	230.5	292.0	383.4		8.6	18.4	21.9	25.2	29.4
$50,000–$99,999	12.4	23.0	51.2	62.2	74.5	95.3	2.9	3.6	5.4	5.9	6.4	7.3
$100,000–$499,999	7.1	11.7	27.9	34.3	42.3	54.1	1.7	1.9	2.9	3.3	3.6	4.1
$500,000–$999,999	.9	1.2	2.2	2.7	3.5	4.6	.2	.2	.2	.3	.3	.4
$1,000,000 and over	1.4	1.4	2.3	2.9	3.6	4.2	.3	.2	.2	.3	.3	.3
Nontaxable returns	21.3	23.9	49.5	49.4	60.8	61.8	5.0	3.8	5.2	4.7	5.2	4.7
	Taxable income [2]											
Total	**255.1**	**401.2**	**595.5**	**674.9**	**939.0**	**1,063.3**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	254.3	400.9	590.4	669.4	905.9	1,028.7	99.7	99.8	99.1	99.2	96.5	96.7
Under $5,000	28.3	22.9	9.4	8.7	16.3	16.6	11.1	5.7	1.6	1.3	1.7	1.6
$5,000–$9,999	94.7	96.6	70.3	69.4	97.6	100.8	37.1	24.1	11.8	10.3	10.4	9.5
$10,000–$14,999	60.8	112.2	113.0	111.4	142.3	142.1	23.8	28.0	19.0	16.5	15.2	13.4
$15,000–$19,999	21.7	66.6	116.8	127.4	162.4	163.3	8.5	16.6	19.6	18.9	17.3	15.4
$20,000–$24,999	30.9	31.0	86.7	102.6	143.3	157.1	12.2	7.7	14.6	15.2	15.3	14.8
$25,000–$49,999		42.1	128.5	170.0	242.5	318.6		10.5	21.6	25.2	25.8	30.0
$50,000–$99,999	10.2	18.4	40.1	48.4	61.5	78.7	4.0	4.6	6.7	7.2	6.5	7.4
$100,000–$499,999	5.8	9.1	22.3	27.3	34.6	44.6	2.3	2.3	3.7	4.1	3.7	4.2
$500,000–$999,999	.8	.8	1.6	2.0	2.7	3.6	.3	.2	.3	.3	.3	.3
$1,000,000 and over	1.1	1.0	1.7	2.2	2.7	3.2	.4	.2	.3	.3	.3	.3
Nontaxable returns	.7	.3	5.1	5.5	33.1	34.6	.3	.1	.9	.8	3.5	3.3
	Income tax after credits [3]											
Total	**49.5**	**83.9**	**124.5**	**141.8**	**158.5**	**187.2**	(X)	(X)	(X)	(X)	(X)	(X)
Taxable returns	49.5	83.9	124.5	141.8	158.5	187.2	100.0	100.0	100.0	100.0	100.0	100.0
Under $5,000	4.4	3.6	1.2	1.1	.7	.6	8.9	4.3	1.0	.8	.4	.3
$5,000–$9,999	15.4	16.7	10.7	9.9	8.4	8.8	31.2	19.9	8.6	7.0	5.3	4.7
$10,000–$14,999	10.7	20.6	19.2	18.0	16.8	17.1	21.6	24.6	15.4	12.7	10.6	9.2
$15,000–$19,999	4.2	13.2	21.2	22.5	22.9	23.4	8.5	15.7	17.0	15.9	14.5	12.5
$20,000–$24,999	7.4	6.7	17.0	19.7	23.0	25.3	15.0	8.0	13.7	13.9	14.5	13.5
$25,000–$49,999		10.8	29.6	38.9	49.1	64.5		12.8	23.8	27.4	31.0	34.5
$50,000–$99,999	3.7	6.6	13.4	16.3	19.1	24.0	7.5	7.9	10.8	11.5	12.0	12.8
$100,000–$499,999	2.8	4.5	10.2	12.8	15.2	19.4	5.7	5.4	8.2	9.0	9.6	10.4
$500,000–$999,999	.4	.5	1.0	1.3	1.5	2.0	.8	.6	.8	.9	1.0	1.1
$1,000,000 and over	.6	.6	1.1	1.4	1.7	2.0	1.2	.8	.9	1.0	1.1	1.1

X Not applicable. [1] Beginning 1975, adjusted gross income less deficit. [2] Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [3] Beginning 1970, includes minimum tax.

No. 453. Nontaxable Individual Income Tax Returns—Number of Returns and Amount of Adjusted Gross Income: 1970 to 1978

Adjusted gross income class [1]	Number of returns (1,000)					Adjusted gross income (mil. dol.)				
	1970	1975	1976	1977	1978, prel.	1970	1975	1976	1977	1978, prel.
Total	**14,962**	**20,739**	**20,249**	**22,254**	**21,084**	**21,421**	**49,470**	**49,450**	**60,788**	**61,752**
Under $5,000	14,493	17,735	17,127	18,313	17,150	17,968	26,433	25,928	30,184	28,984
$5,000–$9,999	430	2,615	2,757	3,468	3,249	2,717	16,680	17,534	22,681	21,226
$10,000–$14,999	25	239	222	285	416	295	2,867	2,640	3,394	4,914
$15,000–$24,999	9	120	101	135	186	171	2,177	1,888	2,521	3,469
$25,000–$49,999	4	23	37	46	69	121	776	1,177	1,497	2,253
$50,000 or more	1	6	4	7	13	149	539	282	510	885

[1] Adjusted gross income less deficit.

Source of tables 452 and 453: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 454. Federal Individual Income Tax Liability and Effective Rates, for Selected Income Groups: 1954 to 1980

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970*, series Y 412-439, for similar data based on net income]

Adjusted gross income [1]	Tax liability (dollars)						Effective rate (percent)					
	1954-1963	1964	1970 [2]	1975	1977-1978	1979-1980	1954-1963	1964	1970 [2]	1975	1977-1978	1979-1980
Single person, no dependent:												
$3,000	422	360	302	63	-	-	14.1	12.0	10.1	2.1	-	-
$5,000	818	720	683	404	274	246	16.4	14.4	13.7	8.1	5.5	4.9
$10,000	2,096	1,872	1,778	1,476	1,216	1,172	21.0	18.7	17.8	14.8	12.2	11.7
$15,000	3,787	3,378	3,224	2,587	2,457	2,339	25.2	22.5	21.5	17.2	16.4	15.6
$20,000	5,900	5,233	5,031	4,123	3,999	3,829	29.5	26.2	25.2	20.6	20.0	19.1
$25,000	8,324	7,410	7,144	5,865	5,715	5,484	33.3	29.6	28.6	23.5	22.9	21.9
$35,000	13,778	12,344	11,904	9,698	9,548	9,194	39.4	35.3	34.0	27.7	27.3	26.3
$50,000	22,788	20,384	19,695	16,710	16,560	16,032	45.6	40.8	39.4	33.4	33.1	32.1
$75,000	39,702	35,267	34,020	30,680	30,530	29,487	52.9	47.0	45.4	40.9	40.7	39.3
Married couple, no dependent:												
$3,000	300	226	137	-	-	-	*10.0*	*7.5*	*4.6*	-	-	-
$5,000	660	554	503	170	-	-	13.2	11.1	10.1	3.4	-	-
$10,000	1,636	1,440	1,366	1,054	757	698	16.4	14.4	13.7	10.5	7.6	7.0
$15,000	2,810	2,501	2,381	2,002	1,701	1,630	18.7	16.7	15.9	13.3	11.3	10.9
$20,000	4,192	3,744	3,557	3,175	2,899	2,739	21.0	18.7	17.8	15.9	14.5	13.7
$25,000	5,774	5,162	4,900	4,608	4,288	4,050	23.1	20.6	19.6	18.4	17.2	16.2
$35,000	9,601	8,523	8,177	7,820	7,690	7,339	27.4	24.4	23.4	22.3	22.0	21.0
$50,000	16,648	14,819	14,289	13,760	13,640	13,014	33.3	29.6	28.6	27.5	27.3	26.0
$75,000	30,415	27,266	26,299	25,460	25,340	24,484	40.6	36.4	35.1	33.9	33.8	32.6
Married couple, 2 dependents:												
$3,000	60	-	-	[3] -300	[3] -300	[3] -298	2.0	-	-	[3] -10.0	[3] -10.0	[3] -9.9
$5,000	420	325	275	[3] -300	[3] -300	[3] -498	8.4	6.5	5.5	[3] -6.0	[3] -6.0	[3] -10.0
$10,000	1,372	1,200	1,122	709	442	370	13.7	12.0	11.2	7.1	4.4	3.7
$15,000	2,486	2,209	2,091	1,612	1,375	1,238	16.6	14.7	13.9	10.7	9.2	8.3
$20,000	3,800	3,392	3,213	2,740	2,524	2,260	19.0	17.0	16.1	13.7	12.6	11.3
$25,000	5,318	4,754	4,490	4,092	3,857	3,490	21.3	19.0	18.0	16.4	15.4	14.0
$35,000	9,037	8,031	7,677	7,175	7,105	6,599	25.8	22.9	21.9	20.5	20.3	18.9
$50,000	15,976	14,213	13,674	12,980	12,920	12,118	32.0	28.4	27.3	26.0	25.8	24.2
$75,000	29,635	26,564	25,594	24,575	24,515	23,404	39.5	35.4	34.1	32.8	32.7	31.2

- Represents zero. [1] See headnote, table 449. [2] Includes tax surcharge. [3] Refundable earned income credit.

Source: U.S. Dept. of the Treasury, unpublished data.

No. 455. Federal Income and Payroll Taxes for a Four-Person Family With One Earner, by Selected Earnings Levels: 1968 to 1979

[**Tax rate is percent of earnings, or tax liability divided by earnings.** Data represent "effective" tax rates and were calculated from statutory individual income and payroll tax rates. Payroll taxes include both employee and employer taxes. For the $5,000, $10,000, and $15,000 categories, it is assumed that the standard deduction was taken. For the $25,000, $35,000, and $50,000 categories, itemized deductions are assumed. Income tax surcharge is included for 1968 and 1970]

Year and item	Tax (dol.) for earnings level of—						Tax rate (percent) for earnings level of—					
	$5,000	$10,000	$15,000	$25,000	$35,000	$50,000	$5,000	$10,000	$15,000	$25,000	$35,000	$50,000
1968: Total	748	1,884	3,075	5,048	8,067	13,788	15.0	18.8	20.5	20.2	23.0	27.6
Income	308	1,198	2,389	4,362	7,381	13,102	6.2	12.0	15.9	17.4	21.1	26.2
Payroll	440	686	686	686	686	686	8.8	6.9	4.6	2.7	2.0	1.4
1970: Total	759	1,871	2,953	4,880	7,750	13,193	15.2	18.7	19.7	19.5	22.1	26.4
Income	279	1,122	2,204	4,131	7,001	12,444	5.6	11.2	14.7	16.5	20.0	24.9
Payroll	480	749	749	749	749	749	9.6	7.5	5.0	3.0	2.1	1.5
1975: Total	285	1,879	3,262	5,350	8,054	13,220	5.7	18.8	21.7	21.4	23.0	26.4
Income	-300	709	1,612	3,700	6,404	11,570	-6.0	7.1	10.7	14.8	18.3	23.1
Payroll	585	1,170	1,650	1,650	1,650	1,650	11.7	11.7	11.0	6.6	4.7	3.3
1977: Total	285	1,616	3,135	5,571	8,275	13,441	5.7	16.2	20.9	22.3	23.6	26.9
Income	-300	446	1,380	3,640	6,344	11,510	-6.0	4.5	9.2	14.6	18.1	23.0
Payroll	585	1,170	1,755	1,931	1,931	1,931	11.7	11.7	11.7	7.7	5.5	3.9
1978: Total	305	1,656	3,195	5,782	8,486	13,652	6.1	16.6	21.3	23.1	24.2	27.3
Income	-300	446	1,380	3,640	6,344	11,510	-6.0	4.5	9.2	14.6	18.1	23.0
Payroll	605	1,210	1,815	2,142	2,142	2,142	12.1	12.1	12.1	8.6	6.1	4.3
1979: Total	113	1,600	3,081	6,137	8,657	13,636	2.3	16.0	20.5	24.5	24.7	27.3
Income	-500	374	1,242	3,329	5,849	10,828	-10.0	3.7	8.3	13.3	16.7	21.7
Payroll	613	1,226	1,839	2,808	2,808	2,808	12.3	12.3	12.3	11.2	8.0	5.6

Source: Brookings Institution, Washington, D.C., *Setting National Priorities, the 1974 Budget*, by Edward R. Fried, Alice M. Rivlin, Charles L. Schultze, and Nancy H. Teeters (copyright ©1973 by the Brookings Institution); and unpublished data.

NO. 456. FEDERAL INDIVIDUAL INCOME TAX RETURNS AND TAXES—STATES AND OTHER AREAS: 1970 TO 1978

[For 1970, aggregates in this table differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data]

STATE OR OTHER AREA	1970				1975				1978, prel.			
	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	Number of returns (1,000)	Adjusted gross income (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)
Total	**74,278**	**631,626**	**83,880**	**412**	**82,229**	**947,785**	**124,526**	**585**	**89,890**	**1,304,189**	**188,577**	**865**
N.E	**4,675**	**40,695**	**5,661**	**476**	**4,860**	**55,748**	**7,465**	**613**	**5,224**	**74,478**	**10,884**	**888**
Maine	359	2,523	292	293	407	3,843	440	416	447	5,138	616	565
N.H	299	2,362	303	409	338	3,529	436	537	399	5,502	775	890
Vt	160	1,240	149	335	179	1,776	204	432	199	2,453	293	602
Mass	2,283	19,803	2,700	473	2,321	26,518	3,472	597	2,448	34,225	4,877	845
R.I	362	2,868	373	393	371	3,908	505	524	396	5,272	735	786
Conn	1,212	12,099	1,844	606	1,244	16,174	2,408	777	1,335	21,868	3,588	1,158
M.A	**14,308**	**131,545**	**18,326**	**492**	**14,368**	**177,156**	**23,913**	**642**	**14,783**	**222,770**	**32,892**	**893**
N.Y	7,054	66,804	9,334	508	6,876	87,315	11,557	639	6,979	106,513	15,317	863
N.J	2,829	27,016	3,863	537	2,919	37,754	5,381	734	3,055	48,746	7,684	1,049
Pa	4,425	37,723	5,129	434	4,573	52,087	6,975	588	4,749	67,511	9,891	842
E.N.C	**14,901**	**132,711**	**18,185**	**451**	**15,823**	**189,139**	**25,659**	**627**	**16,983**	**260,655**	**39,420**	**956**
Ohio	3,910	34,186	4,711	442	4,181	48,101	6,479	604	4,383	65,099	9,675	900
Ind	1,879	15,669	2,061	396	2,023	23,231	3,055	575	2,207	32,280	4,792	892
Ill	4,309	40,247	5,761	518	4,477	57,066	8,214	734	4,765	75,800	12,073	1,074
Mich	3,155	29,268	4,008	451	3,353	41,102	5,526	607	3,700	59,954	9,194	1,001
Wis	1,648	13,341	1,644	371	1,789	19,639	2,385	520	1,928	27,523	3,686	788
W.N.C	**5,908**	**45,877**	**5,767**	**349**	**6,416**	**71,154**	**9,116**	**546**	**6,933**	**97,105**	**13,322**	**783**
Minn	1,389	11,172	1,382	362	1,527	17,392	2,124	542	1,691	24,143	3,216	802
Iowa	1,029	7,880	969	342	1,106	12,650	1,608	562	1,175	17,073	2,280	787
Mo	1,681	13,643	1,798	384	1,784	19,261	2,537	532	1,923	27,032	3,896	802
N. Dak	215	1,340	149	240	244	2,720	337	529	266	3,419	439	674
S. Dak	229	1,414	156	233	253	2,390	279	410	270	3,129	361	551
Nebr	552	4,031	510	243	615	6,646	867	562	638	8,766	1,186	758
Kans	813	6,397	803	357	887	10,095	1,364	598	970	13,543	1,925	820
S.A	**10,784**	**86,736**	**11,371**	**369**	**12,725**	**140,426**	**18,047**	**536**	**14,073**	**193,929**	**27,327**	**790**
Del	207	1,989	299	543	236	2,938	405	700	245	3,712	568	974
Md	1,474	14,204	1,961	498	1,680	21,892	2,995	727	1,759	28,714	4,241	1,024
D.C	320	2,462	386	510	310	3,691	550	773	318	4,514	752	1,115
Va	1,659	14,024	1,863	400	1,919	22,635	3,000	602	2,111	31,619	4,592	892
W. Va	556	4,208	539	308	610	6,707	890	495	664	8,943	1,243	668
N.C	1,743	12,523	1,518	298	2,004	19,973	2,285	420	2,192	27,637	3,505	629
S.C	840	5,732	644	248	1,009	9,866	1,093	388	1,115	13,483	1,660	569
Ga	1,542	11,802	1,481	321	1,776	18,484	2,187	444	2,003	26,143	3,473	683
Fla	2,443	19,792	2,680	582	3,181	34,240	4,642	561	3,666	49,164	7,292	849
E.S.C	**3,970**	**28,800**	**3,453**	**269**	**4,599**	**46,466**	**5,711**	**423**	**5,130**	**66,083**	**8,721**	**623**
Ky	1,034	7,553	920	285	1,159	11,799	1,520	449	1,267	16,939	2,314	661
Tenn	1,316	9,819	1,232	313	1,529	15,660	1,949	467	1,712	21,925	2,985	685
Ala	1,030	7,462	856	248	1,190	12,275	1,498	414	1,320	17,401	2,231	596
Miss	590	3,966	445	201	721	6,732	744	318	830	9,818	1,192	496
W.S.C	**6,336**	**48,874**	**6,350**	**328**	**7,615**	**82,918**	**11,164**	**535**	**8,671**	**121,406**	**18,307**	**830**
Ark	596	4,001	466	241	698	6,479	757	359	771	9,355	1,173	537
La	1,062	7,871	987	270	1,277	13,758	1,785	469	1,435	19,931	2,996	755
Okla	861	6,463	799	311	1,012	10,480	1,309	482	1,111	15,468	2,180	757
Tex	3,817	30,539	4,098	365	4,628	52,201	7,313	598	5,353	76,652	11,958	919
Mt	**3,006**	**23,648**	**2,927**	**351**	**3,779**	**40,736**	**5,073**	**527**	**4,420**	**60,913**	**8,288**	**806**
Mont	250	1,768	213	304	297	2,979	360	483	324	4,060	518	660
Idaho	251	1,695	197	274	308	3,190	371	456	355	4,583	561	639
Wyo	126	958	124	371	156	1,814	257	684	194	2,918	443	1,045
Colo	826	6,802	852	383	1,041	12,051	1,572	619	1,206	17,495	2,492	933
N. Mex	342	2,437	296	290	419	4,033	484	423	485	6,328	824	660
Ariz	645	5,362	669	373	845	8,893	1,085	491	1,008	13,478	1,807	768
Utah	358	2,694	307	288	440	4,690	521	433	507	7,025	848	649
Nev	208	1,932	269	545	273	3,086	423	717	341	5,025	795	1,205
Pac	**9,989**	**89,822**	**11,544**	**434**	**11,543**	**139,264**	**17,939**	**635**	**13,043**	**199,163**	**28,633**	**960**
Wash	1,228	10,594	1,380	404	1,443	17,557	2,408	677	1,680	25,328	3,879	1,028
Oreg	771	6,216	791	376	925	10,166	1,267	555	1,069	15,113	2,107	862
Calif	7,588	69,155	8,844	442	8,661	104,481	13,240	625	9,717	149,366	21,244	953
Alaska	100	1,056	150	494	155	2,791	473	1,296	175	3,394	585	1,451
Hawaii	302	2,802	379	490	359	4,269	551	695	403	5,962	819	913
Other [1]	**401**	**2,718**	**296**	**183**	**502**	**4,781**	**439**	(NA)	**629**	**7,687**	**784**	(NA)

NA Not available. [1] Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 457. Individual Income Tax Returns with Itemized Deductions, by Adjusted Gross Income Classes: 1978

[See headnote, table 449]

Adjusted gross income class	Returns with itemized deductions (1,000)	Adjusted gross income (bil. dol.)	Taxable income (bil. dol.)	Itemized deductions							
				Total itemized deductions (bil. dol.) [1]	Percent of—		Taxes (bil. dol.)	Interest paid (bil. dol.)		Contributions (bil. dol.)	Medical and dental expenses (bil. dol.)
					Adjusted gross income	Taxable income		Total	Home mortgage		
Total	**25,775**	**708.9**	**559.3**	**163.8**	**23.1**	**29.3**	**59.5**	**60.2**	**39.2**	**19.7**	**12.2**
Taxable returns	24,650	697.7	554.7	156.2	22.4	28.2	58.0	57.5	37.4	19.0	10.3
Under $4,000	156	.4	.5	.1	26.9	20.0	(Z)	(Z)	(Z)	(Z)	(Z)
$4,000–$5,999	148	.8	.6	.3	41.9	52.8	.1	.1	(Z)	(Z)	.1
$6,000–$9,999	967	8.2	5.7	3.4	41.4	59.5	1.0	1.0	.7	.4	.7
$10,000–$13,999	1,991	24.2	17.4	8.2	34.0	47.4	2.4	3.0	2.0	.9	1.3
$14,000–$19,999	5,133	88.6	66.9	24.5	27.7	36.6	7.8	9.9	6.9	2.5	2.4
$20,000–$24,999	5,113	114.8	89.9	27.3	23.8	30.3	9.5	11.1	7.7	2.7	1.9
$25,000–$49,999	9,436	310.2	250.9	63.9	20.6	25.5	25.4	23.9	16.1	7.0	3.1
$50,000 and over	1,705	150.6	122.8	28.5	18.9	23.2	11.8	8.4	4.0	5.4	.7
Nontaxable returns	1,125	11.2	4.6	7.6	68.3	165.5	1.5	2.7	1.8	.7	1.9

Z Less than $50 million. [1] Includes others not shown separately.

No. 458. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class: 1978

[**In millions of dollars, except percent.** Minus sign (–) denotes that net loss was greater than net income. See headnote, table 449]

Item	Total income [1]	Adjusted gross income classes for taxable returns						
		Total [2]	Under $10,000 [2]	$10,000–$24,999	$25,000–$49,999	$50,000–$99,999	$100,000–$199,999	$200,000 and over
SOURCE OF INCOME								
Adjusted gross income	1,304,189	1,242,437	142,733	558,242	383,387	95,267	37,349	25,459
Salaries, gross	1,092,017	1,040,341	121,608	498,632	328,319	61,516	20,904	9,362
Percent of gross income	83.7	83.7	85.2	89.3	85.6	64.6	56.0	36.8
Interest	60,947	54,757	9,353	21,280	14,634	5,647	2,292	1,551
Business profession, net	53,328	49,931	2,708	14,160	17,064	11,182	3,204	1,614
Dividends	30,170	28,992	1,876	5,432	6,566	5,503	3,980	5,635
Pensions and annuities [3]	32,884	29,091	6,578	14,622	6,391	1,156	242	103
Sales of capital assets, [4] net	23,288	21,824	1,295	4,357	5,708	3,930	2,587	3,947
Partnership, net	15,407	15,536	–79	2,574	4,322	4,741	2,607	1,371
Farm, net	3,809	4,550	34	1,095	2,513	854	123	–68
Rents and royalties, net	5,834	5,736	584	974	1,234	1,268	877	799
Other sources, [5] net	–13,495	–8,321	–1,224	–4,884	–3,364	–530	533	1,145
PERCENT DISTRIBUTION								
Income tax returns	100.0	76.5	23.9	37.4	13.2	1.6	.3	.1
Adjusted gross income	100.0	95.3	10.9	42.8	29.4	7.3	2.9	2.0
Salaries, gross	100.0	95.3	11.1	45.7	30.1	5.6	1.9	.9
Interest	100.0	89.9	15.4	34.9	24.0	9.3	3.8	2.5
Business profession, net	100.0	93.7	5.1	26.6	32.0	21.0	6.0	3.0
Dividends	100.0	96.1	6.2	18.0	21.8	18.2	13.2	18.7
Pensions and annuities [3]	100.0	88.4	20.0	44.5	19.4	3.5	.7	.3
Sales of capital assets, [4] net	100.0	93.7	5.6	18.7	24.5	16.9	11.1	16.9
Partnership, net	100.0	100.9	–.5	16.7	28.1	30.8	16.9	8.9
Farm, net	100.0	119.4	.9	28.7	66.0	22.4	3.2	–1.8
Rents and royalties, net	100.0	98.3	10.0	16.7	21.2	21.7	15.0	13.7

[1] Includes returns with no adjusted gross income. [2] Includes a small number of taxable returns with no adjusted gross income. [3] Taxable portion. [4] Includes net sales of property other than capital assets ($1,247 mil. in 1978). [5] Includes statutory adjustments.

Source of tables 457 and 458: U.S. Internal Revenue Service, Preliminary Report, *Statistics of Income, 1978, Individual Income Tax Returns.*

NO. 459. FEDERAL INDIVIDUAL INCOME AND EMPLOYMENT TAX RECEIPTS—STATES: 1977 TO 1979

[For years ending **Sept. 30.** A State's *receipts* do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another]

STATE	TAX RECEIPTS (mil. dol.)			PERCENT OF PERSONAL INCOME [1]			STATE	TAX RECEIPTS (mil. dol.)			PERCENT OF PERSONAL INCOME [1]		
	1977	1978	1979	1977	1978	1979		1977	1978	1979	1977	1978	1979
Total [2]	**272,832**	**310,350**	**364,396**	**17.9**	**18.2**	**19.0**	**S.A.**—Con.						
							W. Va	1,190	1,323	1,525	10.7	10.7	10.9
N.E	**17,089**	**17,086**	**19,909**	**19.5**	**17.6**	**18.4**	N.C	4,457	5,010	5,933	13.6	13.5	14.4
Maine	756	834	969	12.2	12.1	12.5	S.C	1,818	2,163	2,561	11.2	11.8	12.4
N.H	719	868	1,042	12.7	13.5	14.3	Ga	4,003	4,898	5,725	13.1	14.2	14.9
Vt	333	340	441	11.9	10.6	12.3	Fla	8,922	8,843	10,884	15.7	13.6	14.4
Mass	6,950	7,762	9,065	16.7	17.0	17.8	**E.S.C**	**13,922**	**11,083**	**12,979**	**17.7**	**12.5**	**13.1**
R.I	1,023	1,338	1,487	16.2	19.2	19.4	Ky	2,426	2,844	3,312	11.7	12.3	12.8
Conn	7,308	5,944	6,904	29.2	21.5	22.3	Tenn	7,877	3,992	4,691	31.3	14.0	14.7
M.A	**57,931**	**65,210**	**73,334**	**21.1**	**21.6**	**22.1**	Ala	2,504	2,983	3,466	12.0	12.6	13.2
N.Y	26,821	35,132	38,976	20.1	24.1	24.3	Miss	1,115	1,264	1,509	9.3	9.4	10.1
N.J	16,996	11,476	13,659	29.2	17.8	19.2	**W.S.C**	**23,129**	**26,316**	**32,731**	**16.3**	**16.3**	**17.8**
Pa	14,114	18,602	20,697	17.1	20.4	20.6	Ark	1,248	1,441	1,677	10.7	10.8	11.3
E.N.C	**62,494**	**70,859**	**83,006**	**20.5**	**20.9**	**22.0**	La	3,075	3,876	4,557	13.1	14.5	15.2
Ohio	15,523	17,782	21,535	20.4	21.1	22.9	Okla	2,487	3,122	3,742	13.8	15.2	15.7
Ind	4,932	7,292	8,273	13.3	17.6	17.6	Tex	16,319	17,877	22,755	18.5	17.7	19.7
Ill	26,269	23,186	25,599	29.1	23.3	23.2	**Mt**	**8,860**	**12,441**	**14,856**	**13.0**	**16.1**	**16.9**
Mich	10,994	16,810	20,615	15.8	21.6	24.4	Mont	559	622	726	12.2	11.5	12.5
Wis	4,776	5,789	6,784	15.2	16.4	17.1	Idaho	799	996	1,137	15.1	16.0	16.9
W.N.C	**19,536**	**23,444**	**27,897**	**17.1**	**18.1**	**19.3**	Wyo	348	430	529	11.3	11.7	12.2
Minn	5,911	6,891	8,261	21.0	21.8	23.2	Colo	2,683	5,016	5,911	14.2	23.1	23.8
Iowa	2,618	2,860	3,354	13.2	12.6	13.5	N. Mex	740	926	1,095	10.6	11.6	12.1
Mo	6,270	7,900	9,315	19.8	22.3	23.5	Ariz	1,787	2,293	2,817	12.0	13.2	13.8
N. Dak	538	561	673	14.0	11.8	13.2	Utah	960	1,163	1,387	12.8	13.5	14.1
S. Dak	464	499	589	11.5	11.0	11.7	Nev	784	995	1,254	15.0	16.0	17.5
Nebr	1,676	2,007	2,472	16.1	17.0	18.8	**Pac**	**39,625**	**43,361**	**51,801**	**17.2**	**16.5**	**17.4**
Kans	2,059	2,726	3,233	12.7	14.8	15.1	Wash	4,120	5,095	6,367	14.8	15.8	17.2
S.A	**33,861**	**37,932**	**44,981**	**15.1**	**15.0**	**15.8**	Oreg	3,883	3,180	3,869	22.6	16.1	17.3
Del	1,154	1,367	1,555	25.9	27.5	28.0	Calif	29,956	33,344	39,606	17.1	16.8	17.6
Md. and D.C	8,109	9,410	10,960	21.6	22.9	24.3	Alaska	735	710	737	17.0	16.3	16.1
Va	4,208	4,918	5,838	11.9	12.4	13.1	Hawaii	931	1,032	1,221	13.8	13.8	14.4

[1] See table for base data. [2] Includes Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner.*

NO. 460. FEDERAL INDIVIDUAL INCOME TAX RETURNS—SALES OF CAPITAL ASSETS REPORTED: 1973

[Includes tax returns of citizens and resident aliens; based on a *sample of returns* as filed and unaudited]

ASSET TYPE	Returns with sale of specified type [1] (1,000)	TRANSACTIONS [2] (1,000)		TRANSACTION DETAIL [2] (mil. dol.)			
		Gain	Loss	Gross sales *price*	Cost and expense of sale	Gross *gain*	Gross loss
Total	**7,373**	**12,492**	**7,848**	**170,187**	**128,203**	**50,552**	**15,405**
Corporate stock:							
Short term (under 6 mo.)	759	1,008	1,312	11,193	11,668	682	1,191
Long term (6 mo. or more)	2,320	2,909	3,891	37,681	30,572	12,508	6,798
Other securities [3]	226	187	277	7,344	7,644	183	450
Capital gain distributions [4]	1,307	1,316	104	(X)	(X)	1,200	117
Share of capital gain (loss) from partnerships and fiduciaries	735	587	379	(X)	(X)	3,875	1,102
Assets used in trade or business [5]	143	77	93	2,008	2,524	382	168
Livestock	545	795	87	2,050	466	1,706	34
Real estate [6]	1,567	1,597	124	47,179	35,415	11,850	253

X Not applicable. [1] Includes duplication because returns may have reported *more* than one asset type. [2] Includes items not shown separately. [3] Includes U.S. Government obligations; State and local Govt. obligations; and other bonds, notes, *and debentures.* [4] Excludes capital gain distributions not required to be listed on the capital asset transaction schedules. [5] Excludes qualified gains on nonfarm depreciable business and personal property, except certain buildings. [6] Includes personal residences, nonbusiness real estate, qualified gains and other depreciable real property, including certain buildings; farmland with unharvested crops, and other farmland. Excludes real estate dividend.

Source: U.S. Internal Revenue Service, *Statistics of Income Supplemental Report, Sales of Capital Assets Reported on 1973 Individual Income Tax Returns.*

NO. 461. CORPORATION INCOME TAX RETURNS—SUMMARY: 1960 TO 1977

[Estimates based on samples; see Appendix III. All data based on returns for periods ending between **July 1 of year shown** and **July 1 of following year**, as filed. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977, prel.
Number of returns	1,000	1,188	1,490	1,747	1,890	1,981	2,043	2,100	2,159	2,324
Active corporations	1,000	1,141	1,424	1,665	1,813	1,905	1,966	2,024	2,082	2,241
With net income	1,000	670	915	1,008	1,140	1,203	1,207	1,226	1,274	1,431
Without net income	1,000	470	509	657	673	702	759	797	809	811
Inactive corporations	1,000	47	66	82	74	76	77	76	77	83
Total receipts, all returns [1]	Bil. dol.	849	1,195	1,751	2,171	2,558	3,090	3,199	3,635	4,103
Total deductions	Bil. dol.	805	1,120	1,683	2,072	2,435	2,942	3,053	3,449	3,883
Net income	Bil. dol.	50	81	84	113	138	171	169	210	244
Net income less deficit [2]	Bil. dol.	44	74	66	97	120	146	143	185	219
Income subject to tax	Bil. dol.	42	71	72	95	116	144	147	183	213
Income tax, total	Bil. dol.	23	32	33	43	52	66	66	83	96
Foreign tax credit	Bil. dol.	1	3	5	6	10	21	20	24	26
Investment credit	Bil. dol.	(x)	2	1	3	4	4	6	9	11
Tax after credits [3]	Bil. dol.	22	30	32	40	49	62	60	73	83

X Not applicable. [1] Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. Includes nontaxable interest. [2] Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1965, includes constructive taxable income from related foreign corporations. [3] Tax liability is before deduction for foreign tax credit. Beginning 1965, data are after investment credit, beginning 1972, after work incentive (WIN) credit, beginning 1976, after U.S. possessions tax credit, and beginning 1977, after new jobs credit. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 and 1971, includes tax surcharge; 1970-1975, includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior year work incentive (WIN) credit and beginning 1976 includes tax credit for outlying areas.

NO. 462. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS, BY ASSET-SIZE CLASS: 1970 TO 1977

[See headnote, table 461. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196]

ASSET SIZE CLASS	Number of returns [1] (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX [2] (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
1970: Total	**1,665**	**1,750.7**	**72.4**	**33.3**	**27.9**	**100.0**	**100.0**	**100.0**
Under $500,000 [3]	1,467	321.8	7.7	2.4	2.3	88.1	18.4	8.2
$500,000-$999,999	93	117.8	3.0	1.2	1.2	5.6	6.7	4.3
$1,000,000-$4,999,999	74	214.2	7.0	3.2	3.1	4.4	12.2	11.1
$5,000,000-$9,999,999	13	77.8	2.9	1.4	1.4	.8	4.4	5.0
$10,000,000-$49,999,999	14	158.6	6.7	3.2	3.0	.8	9.1	10.8
$50,000,000-$99,999,999	2	73.4	3.1	1.5	1.4	.1	4.2	5.0
$100,000,000 and over	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
1975: Total	**2,024**	**3,198.6**	[4] **146.6**	**66.1**	**39.7**	**100.0**	**100.0**	**100.0**
Under $500,000 [3]	1,760	434.1	10.1	2.6	2.3	87.0	13.6	5.8
$500,000-$999,999	123	181.9	4.7	1.6	1.5	6.1	5.7	3.8
$1,000,000-$4,999,999	101	384.7	12.0	5.1	4.7	5.0	12.0	11.8
$5,000,000-$9,999,999	15	131.9	5.1	2.3	2.2	.7	4.1	5.6
$10,000,000-$49,999,999	18	281.9	11.8	5.5	5.0	.9	8.8	12.6
$50,000,000-$99,999,999	3	140.5	5.4	2.6	2.2	.1	4.4	5.6
$100,000,000 and over	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.2
1976: Total	**2,082**	**3,635.5**	[4] **183.5**	**83.3**	**49.8**	**100.0**	**100.0**	**100.0**
Under $500,000 [3]	1,799	474.6	10.8	2.8	2.3	86.4	13.1	4.8
$500,000-$999,999	130	200.8	5.0	1.7	1.5	6.2	5.5	3.0
$1,000,000-$4,999,999	111	443.2	13.3	5.6	5.1	5.3	12.2	10.2
$5,000,000-$9,999,999	16	152.4	5.9	2.7	2.4	.8	4.2	4.8
$10,000,000-$49,999,999	19	313.0	14.0	6.5	5.7	.9	8.6	11.4
$50,000,000-$99,999,999	3	145.6	6.2	2.9	2.5	.2	4.0	5.0
$100,000,000 and over	4	1,905.9	128.3	61.1	30.3	.2	52.4	60.8
1977: Total (prel.)	**2,241**	**4,102.9**		**96.4**		**100.0**	**100.0**	
Under $500,000 [3]	1,925	513.3		3.5		85.9	12.5	
$500,000-$999,999	144	221.7		2.0		6.4	5.4	
$1,000,000-$4,999,999	126	514.9	(NA)	6.6	(NA)	5.6	12.5	(NA)
$5,000,000-$9,999,999	18	174.1		3.1		.8	4.2	
$10,000,000-$49,999,999	20	343.1		7.3		.9	8.4	
$50,000,000-$99,999,999	4	166.1		3.5		.2	4.1	
$100,000,000 and over	4	2,169.7		70.4		.2	52.9	

NA Not available. [1] Active corporations. [2] Before (after) deduction for foreign tax credit, investment credit, for 1975, work incentive (WIN) credit, for 1976, U.S. possessions tax credit, and, for 1977, new jobs credit. Includes tax from recomputing prior year investment credit and, for 1970-1976, additional tax for tax preferences. For 1975, includes tax from recomputing prior year work incentive (WIN) credit. [3] Includes corporations with zero assets. [4] Excludes tax preference items upon which additional tax for tax preferences is based.

Source of tables 461 and 462: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 463. Public Debt of the Federal Government: 1900 to 1979

[Through 1976, as of **June 30** except as noted; beginning **1977,** as of **Sept. 30.** For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970,* series Y 461, 493, and 494]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]		Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1900	1.3	2.9	$17	(z)	7.7	1965	313.8	1.9	1,613	11.3	9.5
1905	1.1	−2.2	14	(z)	4.3	1966	316.1	.7	1,605	12.0	8.9
1910	1.1	.3	12	(z)	3.1	1967	322.9	2.2	1,622	13.4	8.5
1915	1.2	.8	12	(z)	3.0	1968	345.4	7.0	1,717	14.6	8.2
1920	24.3	80.0	228	1.0	15.9	1969	352.9	2.2	1,737	16.6	9.0
1925	20.5	−3.3	177	.9	28.8						
						1970	370.1	4.9	1,807	19.3	9.8
1930	16.2	−4.6	132	.7	19.2	1971	397.3	7.4	1,919	21.0	9.9
1935	28.7	12.1	226	.8	12.6	1972	426.4	7.3	2,042	21.8	9.4
1940	43.0	8.4	325	1.0	11.5	1973	457.3	7.2	2,174	24.2	9.8
1945	258.7	43.0	1,849	3.6	3.7	1974	474.2	3.7	2,238	29.3	10.9
1950	256.1	−.1	1,688	5.7	14.5						
1955	272.8	1.3	1,651	6.4	9.3	1975	533.2	12.4	2,496	32.7	10.1
						1976	620.4	16.4	2,884	37.1	10.1
1960	284.1	.9	1,572	9.2	10.0	1976	[5] 634.7	(X)	[5] 2,951	8.1	8.6
1961	286.4	.9	1,559	9.0	9.2	1977	698.8	10.1	3,216	41.9	10.4
1962	295.4	3.1	1,582	9.1	8.5	1978	771.5	10.4	3,522	48.7	10.8
1963	302.7	2.5	1,598	9.9	8.9	1979	826.5	7.1	3,740	59.8	12.1
1964	308.1	1.8	1,604	10.7	9.0						

X Not applicable. Z Less than $50 million. [1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, and 1962 through 1974.
[2] From preceding year shown; for 1900, from 1895. Minus sign (−) denotes decrease. [3] Based on estimated July 1 population; prior to 1960, excludes Alaska and Hawaii. [4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, outlays, net of applicable receipts. [5] As of Sept. 30.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government.*

No. 464. Federal Government Interest-Bearing Public Debt: 1960 to 1979

[**In billions of dollars.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 497 and Y 500–504]

DEBT INSTRUMENT	1960	1965	1970	1975	1977	1978	1979	PERCENT OF TOTAL					
								1960	1965	1970	1975	1978	1979
Total	**283.2**	**313.1**	**369.0**	**532.1**	**697.6**	**767.0**	**819.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Computed interest rate	3.30	3.68	5.56	6.35	6.42	7.13	8.06	(X)	(X)	(X)	(X)	(X)	(X)
Marketable [1]	183.8	208.7	232.6	315.6	443.5	485.2	506.7	64.9	66.7	63.0	59.3	63.3	61.9
Bills	33.4	53.7	76.2	128.6	156.1	160.9	161.4	11.8	17.1	20.6	24.2	21.0	19.7
Notes	51.5	52.5	93.5	150.2	241.7	267.9	274.2	18.2	16.8	25.3	28.2	34.9	33.5
Treasury bonds [2]	81.2	102.5	63.0	36.8	45.7	56.4	71.1	28.7	32.7	17.1	6.9	7.4	8.7
Nonmarketable	99.4	104.5	136.4	216.5	254.1	281.8	312.3	35.1	33.4	37.0	40.7	36.7	38.1
U.S. savings bonds	47.5	50.0	51.3	65.4	75.4	79.8	80.4	16.8	16.0	13.9	12.3	10.4	9.8
Treasury bonds, other [3]	7.0	5.8	8.8	26.9	38.6	48.7	55.5	2.5	1.8	2.3	5.1	6.3	6.8
Govt. account series [4]	44.9	48.7	76.3	124.2	140.1	153.3	176.4	15.9	15.5	20.7	23.3	20.0	21.5
Marketable debt, by maturity:													
Within 1 year	70.5	87.6	105.5	163.9	217.9	225.4	246.7	24.9	28.0	28.6	30.8	29.4	30.1
1–5 years	72.8	56.2	89.6	101.9	148.4	168.5	157.3	25.7	17.9	24.3	19.2	22.0	19.2
5–10 years	20.2	39.2	15.9	26.8	45.9	49.3	45.5	7.1	12.5	4.3	5.0	6.4	5.6
10–20 years	12.6	8.5	10.5	14.5	13.0	16.6	26.2	4.4	2.7	2.8	2.7	2.2	3.2
20 years and over	7.7	17.2	11.0	8.4	18.3	25.4	30.9	2.7	5.5	3.0	1.6	3.3	3.8
Avg. length, yr.-mo	4–4	5–4	3–8	3–0	3–2	3–6	3–11	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. [1] For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately.
[2] Bank eligible bonds. [3] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds, beginning 1965; and U.S. savings notes, beginning 1970.
[4] Prior to July 1974, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury* and *Monthly Statement of the Public Debt of the United States.* In *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* and in *Treasury Bulletin,* monthly.

No. 465. Interest-Bearing Government Securities Outstanding: 1960 to 1979

[In billions of dollars, except percent. As of **June 30** except, beginning **1977,** as of **Sept. 30.** Par values, except U.S. savings bonds series E, F, J, and U.S. savings notes, which are included at current redemption values. Data for 1960 not strictly comparable with later years]

TYPE OF SECURITY	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	**358**	**420**	**521**	**582**	**605**	**651**	**686**	**756**	**864**	**966**	**1,063**	**1,134**
Tax exempt [1]	68	97	139	154	169	183	201	213	234	258	287	308
Percent of total	18.9	23.1	26.7	27.4	27.9	28.1	29.3	28.2	27.1	26.7	27.0	27.2
Taxable [2]	245	274	306	325	346	366	370	419	499	568	623	650
Government account series [3]	45	49	76	83	90	102	115	124	131	140	153	176
By issuer:												
U.S. Treasury	283	313	369	396	425	456	473	532	619	698	767	819
Government agencies [4]	8	9	13	12	11	11	12	11	11	10	9	7
State and local govts [1 5]	68	97	139	154	169	183	201	213	234	258	287	308

[1] Source: Board of Governors, Federal Reserve System. [2] Interest is subject to both normal and surtax rates of Federal income tax. [3] Prior to July 1, 1974, known as U.S. Treasury special issues. [4] Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. [5] Wholly tax-exempt. Includes Industrial Pollution Control Bonds.

No. 466. Estimated Ownership of Federal Securities: 1960 to 1979

[In billions of dollars, except percent. As of **June 30** except, beginning **1977,** as of **Sept. 30.** *Data refer to securities that are classified as debt under the unified budget concept.* See also headnote, table 465]

OWNERSHIP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total outstanding [1]	**290.9**	**323.1**	**382.6**	**468.4**	**486.2**	**544.1**	**631.4**	**709.1**	**780.4**	**833.8**
Commercial banks [2]	56.1	60.7	54.8	60.7	55.6	70.9	94.4	101.5	96.3	93.2
Federal Reserve banks	26.5	39.1	57.7	75.2	80.7	84.9	94.7	105.0	115.5	115.6
U.S. Govt. accounts	53.7	61.6	97.8	125.4	140.2	147.3	151.6	157.3	169.5	189.2
Private nonbank investors	154.6	161.8	172.4	207.2	209.8	241.0	290.7	*345.3*	*398.8*	*435.8*
Individuals [3]	71.5	72.6	83.2	76.8	81.7	88.1	97.2	104.3	109.8	113.6
Insurance companies	12.3	11.1	8.0	6.9	6.3	7.5	11.0	*14.8*	*15.5*	*15.0*
Mutual savings banks	7.1	6.2	3.7	4.0	3.0	4.0	5.8	6.6	6.0	5.3
Corporations [4]	20.9	15.9	8.9	10.0	11.3	13.6	24.7	23.9	21.7	24.2
State and local govts	19.9	26.4	32.8	32.0	32.1	35.2	43.0	56.0	70.4	70.2
Other [1 5]	22.9	29.6	36.0	77.5	75.4	92.7	109.0	139.7	175.7	207.5
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Commercial banks [2]	19.3	18.8	14.3	13.0	11.4	13.1	15.0	14.3	12.5	11.2
Federal Reserve banks	9.1	12.1	15.0	16.0	16.6	15.6	*15.0*	*14.8*	*14.8*	13.9
U.S. Govt. accounts	18.5	19.1	25.6	26.8	28.8	27.1	24.0	22.2	21.7	22.7
Private nonbank investors	53.1	50.0	45.1	44.2	43.2	44.2	46.0	48.7	51.1	52.3
Individuals [3]	24.6	22.5	21.7	16.4	16.8	16.1	15.4	14.7	14.1	13.6
Insurance companies	4.2	3.4	2.1	1.5	1.3	1.4	1.7	2.1	2.0	1.8
Mutual savings banks	2.4	1.9	1.0	.9	.6	.7	.9	.9	.8	.6
Corporations [4]	7.2	4.9	2.3	2.1	2.3	2.5	3.9	3.4	*2.8*	*2.9*
State and local govts	6.8	8.1	8.6	6.8	6.6	6.1	6.8	7.9	9.0	8.4
Other [1 5]	7.9	9.2	9.4	16.5	15.7	17.4	17.3	*19.7*	*22.5*	*24.9*

[1] *Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions.* [2] Consists of commercial banks, trust companies, and stock savings banks in U.S. and outlying areas. [3] *Includes partnerships and personal trust accounts.* [4] Excludes banks and insurance companies. [5] Consists of savings and loan associations, nonprofit associations, corporate pension trust funds, dealers and brokers, and investments of foreign balances and international accounts in this country. Also included are certain Government deposit accounts and Government-sponsored agencies.

Source of tables 465 and 466: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin,* monthly, and *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 467. U.S. Savings Bonds: 1960 to 1979

[In billions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970,* series Y 500, for similar but not exactly comparable data]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Amounts outstanding [1]	47.2	50.3	51.8	57.6	60.3	63.3	67.5	71.9	76.6	80.5	80.0
Funds from sales	4.4	4.5	4.7	6.2	6.3	6.9	7.0	7.6	8.0	8.0	7.0
Accrued discounts	1.3	1.5	1.0	2.4	2.7	3.0	3.4	3.6	3.9	4.2	4.3
Redemptions [2]	6.7	5.4	6.3	5.4	6.2	6.8	6.3	6.8	7.1	8.2	12.3
Percent of total outstanding	14.2	10.7	12.2	9.4	10.3	10.7	9.3	9.5	9.3	10.2	15.4

[1] Interest-bearing debt only for amounts end of period or end of year. [2] Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin.*

NO. 468. FEDERAL CIVILIAN EMPLOYMENT AND ANNUAL PAYROLLS, BY BRANCH: 1955 TO 1979

[Includes employees in U.S. territories (Commonwealth, Trust Territory, Condominium, Outlying Areas, and Disputed Island) and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual figures are for fiscal year and are averages of monthly (as of last day) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for data as of June 30]

BRANCH OF GOVERNMENT	1955	1960	1965	1970	1975	1976	1977	1978	1979
Employment, total [1] (1,000)	**2,402**	**[2] 2,430**	**2,539**	**[2] 2,928**	**2,882**	**2,879**	**2,855**	**2,875**	**2,897**
Percent of all U.S. employed [3]	3.9	3.7	3.6	3.7	3.1	3.0	3.2	3.0	3.0
Executive [1] (1,000)	2,376	[2] 2,403	2,507	[2] 2,891	2,834	2,831	2,804	2,822	2,844
Rate per 1,000 population	14.3	13.1	12.8	14.1	13.3	13.2	12.9	12.9	12.9
Legislative (1,000)	22	23	25	30	37	38	39	40	40
Judicial (1,000)	4	5	6	7	10	11	12	13	13
Payrolls, total [1] (mil. dol.)	**10,295**	**[2] 13,243**	**18,020**	**[2] 28,562**	**40,699**	**42,259**	**45,895**	**49,921**	**53,590**
Percent of total Federal outlays	15.0	14.4	15.2	14.5	12.6	11.5	11.4	11.1	10.9
Executive [1] (mil. dol.)	10,146	[2] 13,052	17,746	[2] 28,117	39,944	41,450	44,976	48,899	52,513
Legislative (mil. dol.)	122	154	216	353	589	631	700	771	817
Judicial (mil. dol.)	26	36	58	92	166	179	219	251	260

[1] Includes Postal Service Christmas help. [2] Includes 36,417 temporary census workers in 1960; 33,000 in 1970. [3] Civilian only. See table 655.

NO. 469. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1960 TO 1979

[**In thousands.** Partially estimated. As of **Dec. 31.** Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, D.C., SMSA [1]			
	1960	1965	1970	1975	1976	1977	1978	1979	1965	1970	1975	1979
Paid employment	**2,213**	**2,403**	**2,645**	**2,741**	**2,725**	**2,724**	**2,752**	**2,763**	**275**	**316**	**349**	**361**
Male	1,668	1,813	1,931	1,896	1,867	1,846	1,848	1,826	165	180	206	203
Female	545	590	714	845	858	878	904	937	110	136	143	158
Full-time	2,084	2,267	2,516	2,496	2,464	2,463	2,479	2,489	268	308	333	339
Other	129	136	129	245	261	261	273	275	7	8	16	22
Competitive service [2]	2,041	2,201	2,393	1,714	1,715	1,706	1,748	1,540	231	262	257	236
Career	1,676	1,788	1,991	1,300	1,322	1,361	1,390	1,219	173	198	191	185
Career-conditional	251	298	290	354	335	289	303	266	49	53	55	42
Temporary [3]	114	115	112	60	58	56	55	55	9	11	11	9
Excepted service [2 4]	172	202	252	1,027	1,010	1,018	1,005	1,224	44	54	91	125
Permanent	100	112	164	863	858	846	852	1,064	32	38	71	104
Other	72	90	88	164	152	172	153	159	12	16	20	21
White-collar	1,639	1,850	2,113	2,255	2,254	2,256	2,284	2,300	237	278	314	329
Blue-collar	574	553	532	486	471	468	468	463	38	38	35	32

[1] See footnote 3, table 471. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite." [4] Excepted from competitive requirements of Civil Service Act.

NO. 470. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1965 TO 1979

[**In thousands, except rate.** For years ending **June 30** through **1975**; thereafter as of **Sept. 30.** Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES						WASHINGTON, D.C., SMSA [1]			
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1979
Accessions, total	480.4	560.7	601.2	608.2	651.3	663.8	59.5	64.5	74.5	77.4
Monthly rate [2]	1.7	1.7	1.9	1.9	2.0	2.0	1.9	1.8	1.9	1.8
Separations, total	445.5	641.1	588.9	609.2	632.4	654.9	51.0	69.5	69.3	77.1
Monthly rate [2]	1.6	2.0	1.8	1.9	1.9	2.0	1.6	1.9	1.8	1.8
Quit [3]	192.1	311.5	213.2	204.7	223.2	243.1	31.8	38.8	29.6	33.9
Reduction in force [4]	16.1	17.5	10.4	49.4	50.0	50.3	.2	.6	1.1	2.7
Discharge [4 5]	8.9	19.7	17.2	19.0	19.2	19.3	.8	2.0	1.8	1.9
Other [4 6]	228.4	292.3	348.1	336.1	340.1	342.1	18.2	28.1	36.8	38.6

[1] See footnote 3, table 471. [2] Per 100 employees. [3] Represents resignation, transfer to other Federal agency, and abandonment of position. [4] Beginning 1970, partially estimated. [5] Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. [6] Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source of tables 468-470: U.S. Office of Personnel Management, *Annual Report; Monthly Release of Federal Civilian Work Force Statistics;* and unpublished data.

No. 471. Paid Civilian Employment in the Federal Government—States and Other Areas: 1960 to 1978

[As of **December 31.** Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

State or other area	Total employment (1,000)						Percent of U.S.			Employment in selected agencies, 1978 [1] (1,000)			
	1960	1965	1970	1975	1977	1978	1970	1975	1978	Dept. of Defense	Postal Service	Veterans Admin.	Dept. of HEW [2]
Total	**2,373**	**2,570**	**2,875**	**2,870**	**2,869**	**2,852**	(X)	(X)	(X)	**979.6**	**663.4**	**235.0**	**158.6**
U.S.	2,213	2,403	2,665	2,738	2,738	2,723	100.0	100.0	100.0	898.8	660.8	232.8	157.8
D.C. area [3]	236	275	318	335	337	342	11.9	12.2	12.6	79.3	16.6	7.0	38.8
50 States [3]	1,977	2,128	2,348	2,403	2,401	2,381	88.1	87.8	87.4	819.5	644.2	225.8	119.0
Ala.	60.9	59.5	54.3	58.5	60.2	59.9	2.0	2.1	2.2	24.8	7.5	4.9	3.4
Alaska	12.6	13.5	14.5	15.1	16.2	15.3	.6	.6	.6	4.6	1.2	.6	1.5
Ariz.	19.8	22.7	27.5	33.6	35.0	34.5	1.1	1.2	1.3	9.9	5.7	3.1	2.8
Ark.	13.1	15.1	16.6	18.7	18.4	18.4	.6	.7	.7	4.4	4.9	3.6	.9
Calif.	239.5	265.1	303.5	297.8	295.6	290.1	11.4	10.9	10.7	130.2	68.6	23.7	11.6
Colo.	33.9	37.7	42.3	48.7	48.4	47.9	1.6	1.8	1.8	14.0	8.4	2.7	1.5
Conn.	14.6	16.4	20.4	21.0	21.1	21.0	.8	.8	.8	4.6	10.5	2.7	.5
Del.	3.4	3.7	4.7	5.2	5.1	5.0	.2	.2	.2	2.0	1.6	.8	.1
Fla.	48.0	57.2	69.3	78.4	79.8	79.3	2.6	2.9	2.9	29.5	21.8	9.0	2.2
Ga.	55.5	64.9	73.8	75.0	76.7	75.9	2.8	2.7	2.8	34.7	12.9	4.8	5.1
Hawaii	22.1	23.5	26.3	25.3	24.9	25.0	1.0	.9	.9	19.7	1.9	.2	.2
Idaho	6.2	7.4	8.2	9.8	10.6	10.5	.3	.4	.4	1.2	2.0	.6	.2
Ill.	98.9	104.3	110.7	106.6	105.0	101.7	4.2	3.9	3.7	20.7	42.2	12.0	6.7
Ind.	31.7	35.1	44.4	40.8	39.5	40.2	1.7	1.5	1.5	13.5	13.7	3.9	1.0
Iowa	15.8	16.7	18.1	19.2	19.3	19.0	.7	.7	.7	1.5	8.9	3.3	.5
Kans.	21.1	19.7	22.3	23.1	23.0	22.6	.8	.8	.8	6.1	7.0	3.2	.4
Ky.	27.6	29.5	34.7	35.9	34.5	34.3	1.3	1.3	1.3	13.0	7.6	3.4	.8
La.	22.9	25.2	27.6	30.6	31.6	31.4	1.1	1.1	1.2	8.3	8.6	3.8	2.2
Maine	17.3	15.1	15.1	12.1	9.3	9.2	.6	.4	.3	2.3	3.6	1.2	.3
Md. [3]	45.3	51.8	62.0	64.7	63.1	62.2	2.3	2.4	2.3	21.8	8.7	3.1	22.2
Mass.	62.2	60.9	63.5	58.4	57.8	57.8	2.4	2.1	2.1	12.3	22.4	7.8	2.7
Mich.	42.4	47.3	53.4	54.6	54.3	53.4	2.0	2.0	2.0	12.1	23.2	5.9	1.9
Minn.	24.6	26.9	29.3	30.3	29.8	29.4	1.1	1.1	1.1	3.2	12.5	5.0	.9
Miss.	15.7	17.6	20.3	24.1	25.0	26.8	.8	.9	1.0	11.1	4.6	2.8	.7
Mo.	50.0	56.2	65.0	66.4	65.5	65.0	2.4	2.4	2.4	19.7	17.1	6.1	4.9
Mont.	8.4	9.8	10.3	12.2	12.4	12.4	.4	.4	.5	1.4	2.2	.6	.9
Nebr.	15.4	14.9	15.1	16.1	15.6	15.4	.6	.6	.6	3.7	5.3	2.1	.4
Nev.	5.8	7.4	8.1	8.9	9.3	9.2	.3	.3	.3	2.6	1.8	.6	.3
N.H.	3.6	4.4	5.5	10.2	14.3	14.7	.2	.4	.5	9.5	2.5	.7	.1
N.J.	53.8	58.3	65.9	71.0	68.9	68.6	2.5	2.6	2.5	25.9	27.4	4.6	1.7
N. Mex.	22.8	24.3	25.1	26.9	26.9	26.5	.9	1.0	1.0	9.1	2.4	1.5	2.5
N.Y.	179.8	173.1	177.8	172.3	168.3	166.2	6.7	6.3	6.1	20.8	80.2	21.2	10.4
N.C.	28.5	31.4	37.3	42.3	42.0	41.8	1.4	1.5	1.5	13.6	12.0	4.9	1.9
N. Dak.	5.9	6.9	8.1	9.1	8.8	8.3	.3	.3	.3	1.9	2.2	.6	.3
Ohio	88.8	93.5	96.9	93.6	92.3	89.4	3.6	3.4	3.3	33.2	30.8	8.6	2.8
Okla.	42.1	46.9	52.8	47.7	47.3	46.8	2.0	1.7	1.7	24.1	7.8	2.4	1.9
Oreg.	20.0	22.0	24.1	25.6	26.5	26.8	.9	.9	1.0	3.4	6.0	2.6	.7
Pa.	129.1	133.3	137.7	132.3	126.7	128.0	5.2	4.8	4.7	50.3	38.0	11.7	7.1
R.I.	12.3	13.2	14.6	10.1	9.5	9.4	.6	.4	.3	4.1	3.0	1.1	.2
S.C.	22.5	25.8	29.3	30.7	31.5	31.4	1.1	1.1	1.2	16.8	5.6	2.6	.7
S. Dak.	9.0	9.1	9.3	10.8	10.4	9.9	.3	.4	.4	1.3	2.3	1.8	.8
Tenn.	34.1	40.7	44.8	55.4	63.7	68.0	1.7	2.0	2.5	7.8	11.8	6.1	1.2
Tex.	112.6	126.7	144.7	149.6	150.3	148.0	5.4	5.5	5.4	58.6	33.6	14.1	4.4
Utah	26.4	32.5	38.3	35.3	35.7	34.6	1.4	1.3	1.3	21.4	2.9	1.5	.2
Vt.	3.1	3.2	3.7	4.4	4.4	4.4	.2	.2	.2	.6	1.8	.8	.1
Va. [3]	66.9	70.7	74.0	78.0	78.3	78.8	2.8	2.9	2.9	52.0	9.8	5.2	1.2
Wash.	45.6	48.3	52.6	57.8	59.3	58.9	2.0	2.1	2.2	24.8	9.8	4.2	2.5
W. Va.	10.5	11.6	13.3	15.6	15.7	15.7	.5	.6	.6	1.7	4.7	2.7	.7
Wis.	20.4	22.3	25.5	26.8	26.5	26.2	1.0	1.0	1.0	2.9	12.0	5.0	.9
Wyo.	4.7	5.0	5.2	6.1	6.4	6.4	.2	.2	.2	.9	1.1	.9	.1
Outside U.S.	159.7	167.1	209.9	131.8	131.2	129.1	(X)	(X)	(X)	80.8	2.6	2.2	.8
Territories	32.2	33.8	36.9	33.0	33.8	34.7	(X)	(X)	(X)	8.9	2.6	1.9	.7
Foreign	127.5	133.3	173.0	98.8	97.4	94.4	(X)	(X)	(X)	71.9	-	.3	.1

– Represents zero. X Not applicable. [1] Partially estimated. [2] Health, Education, and Welfare.

[3] Washington, D.C. Standard Metropolitan Statistical Area includes District of Columbia, Alexandria and Falls Church cities, Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.; beginning 1965, Fairfax City, Va.; beginning July 1967, Loudoun and Prince William Counties, Va.; beginning July 1973, Charles County, Md.; and beginning July 1975, Manassas and Manassas Park, Va. These areas are excluded from data for the 50 States.

Source: U.S. Office of Personnel Management, Federal Civilian Employment in the United States by Geographic Area, annual.

No. 472. Paid Civilian Employment in the Federal Government, by Agency, All Areas: 1965 to 1980

[As of **June 30** through **1976**; thereafter, as of **Sept. 30** except as noted. See headnote, table 468. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1977	1978	1979	1980 [1]
All agencies	[2] 2,527,492	2,921,909	2,896,944	2,841,152	2,872,851	2,875,872	3,121,769
Percent Dept. of Defense	40.9	40.9	36.0	34.6	34.1	33.4	31.6
Percent Postal Service	23.6	24.9	24.1	23.2	22.6	23.0	21.3
Legislative branch	25,947	30,715	38,531	39,429	39,422	39,727	41,357
Congress	9,296	11,815	17,317	[3] 18,329	[3] 18,309	[3] 18,900	[3] 20,273
United States Senate	3,474	4,362	6,144	6,591	6,714	7,148	7,844
U.S. House of Representatives	5,822	7,453	11,173	11,738	11,584	11,738	12,416
Architect of the Capitol	1,519	1,631	2,061	2,249	2,267	2,331	2,273
General Accounting Office	4,274	4,631	5,513	5,355	5,498	5,310	5,711
Government Printing Office	7,416	8,557	8,549	7,788	7,469	7,099	6,949
Library of Congress	3,386	3,848	4,649	5,069	5,230	5,430	5,487
All other	56	233	442	639	649	657	664
Judicial branch	5,904	6,887	10,399	12,625	13,128	13,493	14,740
United States Courts	(NA)	6,664	10,122	12,311	12,810	13,187	336
Supreme Court	(NA)	223	277	314	318	306	14,404
Executive branch	2,495,641	2,884,307	2,848,014	2,789,098	2,820,301	2,822,652	3,065,672
Executive Office of the President:							
White House Office	333	311	625	464	371	408	384
Office of Management and Budget	524	633	673	709	602	619	656
Council of Economic Advisers	46	59	40	38	33	23	34
Council on Environ. Quality [4]	(x)	32	69	49	49	48	66
National Security Council	38	75	89	73	74	74	70
All other	1,908	3,632	422	383	484	646	690
Executive departments:							
Agriculture	113,017	116,012	120,999	127,497	128,500	127,809	144,124
Commerce	33,668	[5] 57,674	36,228	37,761	39,551	54,101	[5] 196,544
Defense	1,033,775	1,193,784	1,041,829	981,747	980,313	960,286	987,890
Department of the Army	366,726	443,369	378,937	350,549	353,203	346,694	361,713
Department of the Navy	339,271	376,340	319,719	310,119	309,880	303,472	316,517
Department of the Air Force	291,500	306,323	268,466	243,810	240,182	234,249	239,131
Other Defense Activities	42,278	67,752	74,707	77,269	77,048	75,871	70,529
Education [6]	(x)	(x)	(x)	(x)	(x)	(x)	7,167
Energy [7]	(x)	(x)	(x)	(x)	20,202	20,540	21,680
Health and Human Services [8]	87,316	108,044	147,125	155,886	160,792	160,652	163,921
Housing and Urban Development [9]	13,777	15,190	17,161	17,770	18,177	17,451	17,413
Interior	70,711	73,361	80,198	83,419	78,948	77,647	88,924
Justice	33,222	39,257	51,541	53,081	55,422	55,265	57,041
Labor	9,527	10,991	14,834	16,752	22,501	22,959	24,482
State	39,552	39,753	30,376	29,991	30,310	29,782	23,791
Agency for Int'l. Development	15,098	14,974	6,591	6,092	6,073	6,186	[9]
Transportation	[10] 45,421	65,985	75,035	75,163	74,795	73,546	74,368
Treasury	88,761	92,521	121,546	123,615	121,876	124,883	131,713
Independent agencies:							
ACTION [11]	1,104	1,317	1,864	1,921	1,927	1,882	2,008
Amer. Battle Monuments Comm	439	404	399	386	387	379	387
Arms Control and Disarmament Agency	175	177	190	201	212	226	231
AEC/ERDA [7] [12]	7,329	7,347	8,262	9,536	(x)	(x)	(x)
Board of Governors, Federal Reserve System	667	1,016	1,460	1,483	1,477	1,459	1,495
Canal Zone Government [13]	3,028	3,318	3,299	3,280	3,211	2,924	(x)
Civil Aeronautics Board	846	682	728	784	793	746	822
Commission on Civil Rights	109	153	275	331	314	304	318
Community Services Admin. [14]	(x)	(x)	1,112	1,057	1,052	1,077	1,186
Consumer Prod. Safety Comm. [15]	(x)	(x)	959	952	952	929	1,037
Environmental Protection Agency	(x)	(x)	10,772	11,339	11,693	13,543	15,501
Equal Empl. Opportunity Comm	19	850	2,183	2,373	2,765	3,630	3,604
Export-Import Bank, U.S.	308	358	444	426	422	398	402
Farm Credit Administration	235	235	223	254	249	267	291
Federal Communications Comm	1,541	1,537	2,137	2,136	2,165	2,248	2,228
Federal Deposit Insurance Corp	1,544	2,478	3,103	3,511	3,655	3,512	3,567
Federal Energy Administration [7] [16]	(x)	(x)	3,245	3,807	(x)	(x)	(x)
Federal Home Loan Bank Board	1,300	1,273	1,452	1,450	1,545	1,490	1,518
Federal Maritime Commission	251	233	314	307	338	328	367
Federal Mediation and Conciliation Service	422	450	523	547	557	521	523
Federal Power Commission [7]	1,163	1,132	1,322	1,363	(x)	(x)	(x)
Federal Trade Commission	1,157	1,330	1,661	1,719	1,734	1,860	1,896
General Services Administration	36,524	37,945	39,561	36,625	38,324	37,758	38,620
Int'l. Communications Agency [17]	11,628	10,262	8,809	8,497	8,538	8,245	8,164
International Trade Commission [18]	298	242	427	360	385	372	454
Interstate Commerce Commission	2,427	1,755	2,115	2,145	2,139	2,084	2,067
Nat'l Aero. and Space Admin	34,049	32,548	26,447	24,435	24,056	23,614	24,547

See footnotes at end of table.

NO. 472. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1980—Continued

[See headnote, page 281]

AGENCY	1965	1970	1975	1977	1978	1979	1980 [1]
Independent agencies—*Cont.*							
Nat'l Credit Union Admin. [19]	(X)	419	570	582	621	650	762
Nat'l Endowment for the Arts [20]	(X)	103	503	557	310	300	371
Nat'l Endowment for the Humanities [20]					280	290	313
National Labor Relations Board	2,252	2,144	2,485	2,818	2,938	3,029	3,054
National Mediation Board	135	126	103	101	100	67	70
National Science Foundation	1,116	1,211	1,424	1,420	1,386	1,396	1,605
Nuclear Regulatory Commission [12]	(X)	(X)	2,247	2,822	2,983	3,024	3,426
Office of Personnel Management [21]	3,789	5,508	8,157	8,440	8,630	8,076	8,564
Panama Canal Commission	11,936	12,571	11,689	10,898	11,164	10,040	8,737
Railroad Retirement Board	1,767	1,734	1,961	1,907	1,859	1,820	1,924
Renegotiation Board [22]	184	236	198	178	158	(X)	(X)
Securities and Exchange Commission	1,420	1,454	2,002	1,976	2,072	2,054	2,108
Selective Service System	7,587	8,395	2,257	70	68	73	88
Small Business Administration	3,751	4,269	4,796	5,230	5,764	5,912	5,891
Smithsonian Institution	2,334	2,641	3,746	3,834	4,261	4,621	4,790
Soldiers' and Airmen's Home	1,134	1,126	1,041	1,027	1,040	1,007	972
Tennessee Valley Authority	16,797	22,244	28,423	37,657	47,100	49,941	51,531
U.S. Postal Service [23]	*595,512*	*726,472*	*699,174*	*657,832*	*656,000*	*661,800*	*666,228*
Veterans Administration	167,059	168,719	213,143	223,398	228,885	226,084	239,625
All other	709	579	2,019	2,728	2,792	3,078	13,402

NA Not available. X Not applicable. [1] *As of June.* Includes 43,827 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. [2] Includes 33,480 appointments under Youth Opportunity Campaign. [3] Includes 14 in 1977, 11 in 1978, 13 in 1979, and 13 in 1980 of Commission on Security and Cooperation in Europe. [4] Agency established in 1969. [5] Includes 24,278 enumerators in 1970 census, and 106,249 in 1980 census. [6] Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). [7] Dept. of Energy established Oct. 1, 1977; comprises ERDA, Federal Energy Admin., Federal Power Comm., and the fuel elements of the Dept. of Interior. [8] Includes Housing and Home Finance Agency. [9] Transferred from Dept. of State to U.S. *International Development Cooperation Agency.* [10] Data represent Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. [11] Formerly Peace Corps; became an independent agency in 1971. [12] In Jan. 1975, Atomic Energy Commission was divided into Energy Research and Development Admin. and Nuclear Regulatory Commission. [13] U.S. jurisdiction over Panama Canal Zone terminated *Oct. 1979.* [14] *Established in 1974, as successor to Office of Economic Opportunity.* [15] *Established Oct. 1972.* [16] Established June 28, 1974. [17] In Mar. 1978 United States Information Agency becomes International Communications Agency. [18] Formerly Tariff Commission. [19] Agency established in 1970. [20] Established as the National Foundation on the Arts and Humanities in 1965; divided in Sept. 1978. [21] Formerly Civil Service Commission. [22] Agency *terminated as of March 31, 1979.* [23] Post Office, an executive department through 1970, reorganized and became U.S. Postal Service, an independent agency, as of July 1, 1971.

Source: U.S. Office of Personnel Management, *Annual Report* and *Monthly Release of Federal Civilian Work Force Statistics.*

NO. 473. FEDERAL CIVILIAN EMPLOYMENT—ARMED FORCES AND OTHER UNIFORMED RETIREES EMPLOYED, BY AGENCY AND SELECTED CHARACTERISTIC: 1978

[As of **Sept. 30.** Includes uniformed retirees of the Air Force, Army, Coast Guard, National Oceanic and Atmospheric Administration, Marine Corps, Navy, and Public Health Service. Excludes employees of the Central Intelligence Agency, *National Security Agency,* Tennessee Valley Authority, Board of Governors of the Federal Reserve System, and the White House]

AGENCY	Total Federal employment (1,000)	UNIFORMED RETIREES	
		Total (1,000)	Percent of total [1]
All agencies [2]	**2,737.7**	**142.5**	**5.2**
In competitive service	1,718.2	99.3	5.8
In excepted service	1,017.3	43.1	4.2
Unspecified	2.1	.1	4.8
Executive branch	2,050.9	107.8	5.3
Defense	938.2	76.3	8.1
Army	337.6	24.2	7.2
Navy	278.3	26.9	9.7
Marine Corps	16.7	2.0	11.8
Air Force	229.0	19.5	8.5
Other Defense	76.6	3.7	4.8
Veterans Administration	236.2	8.8	3.7
Other executive agencies	876.5	22.7	2.6
U.S. Postal Service	673.1	34.4	5.1

CHARACTERISTIC AND PAY SYSTEM	Total Federal employment (1,000)	UNIFORMED RETIREES	
		Total (1,000)	Percent of total [1]
Officer retiree	(X)	24.8	[3] .9
Enlisted retiree	(X)	114.4	[3] 4.2
Unspecified	(X)	3.4	[3] .1
Pay system: [4]			
Under $6,000	47.4	1.0	2.2
$6,000–$9,999	334.4	8.6	2.6
$10,000–$17,999	1,539.5	90.8	5.9
$18,000–$28,999	625.1	34.0	5.4
$29,000–$35,999	114.5	4.9	4.2
$36,000 and over	73.3	3.1	4.2
Unspecified	3.5	.1	2.6

X Not applicable. [1] Percent of total Federal employment in specified category. [2] Includes other categories not shown separately. [3] Percent of total Federal employment. [4] Represents retiree's compensation under various Federal civilian pay systems.

Source: U.S. Office of Personnel Management, *Study of Retired Uniform Services Personnel in the Federal Civilian Service,* September 1978.

NO. 474. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT, ALL AREAS: 1960 TO 1980

[As of **June 30** through 1970; as of **March 31** thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 256 for explanation of General schedule and Wage system. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1960	1965	1970	1975	1979	1980	1960	1965	1970	1975	1979	1980
Total	**2,237**	**2,398**	**2,806**	**2,582**	**1,960**	**2,498**	**5,273**	**6,868**	**9,234**	**13,529**	**18,496**	**17,758**
General schedule	973	1,112	1,287	1,349	1,397	1,402	5,705	7,707	11,065	14,483	18,715	17,299
Wage system	667	621	674	528	457	456	4,935	5,887	6,976	11,197	16,926	17,644
Postal pay system	483	534	673	566	(NA)	528	4,854	6,219	8,120	13,329	(NA)	17,799
Other	114	131	172	139	105	113	5,344	7,032	8,741	13,951	22,383	20,344

NA Not available.

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

NO. 475. FULL-TIME WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—TOTAL AND WOMEN, BY GRADE LEVELS: 1970 TO 1978

[As of **October 31**]

SEX AND GRADE [1]	Unit	1970	1972	1973	1974	1975	1976	1977	1978
Total employment	1,000	**1,982**	**1,992**	**1,894**	**1,957**	**1,976**	**1,981**	**1,978**	**1,995**
Women	1,000	**657**	**671**	**644**	**682**	**697**	**711**	**721**	**737**
Percent of total	Percent	**33.1**	**33.7**	**34.0**	**34.8**	**35.3**	**35.9**	**36.5**	**36.9**
General Schedule Pay System	1,000	1,259	1,303	1,295	1,404	1,428	1,456	1,469	1,483
Women	1,000	507	522	526	586	601	621	632	645
Percent of total	Percent	40.3	40.1	40.6	41.7	42.1	42.7	43.0	43.5
Grades 1-6 ($6,561-$15,222)	1,000	521	555	554	588	585	587	587	584
Women	1,000	376	393	396	418	419	424	424	425
Percent of total	Percent	72.2	70.8	71.5	71.1	71.6	72.2	72.2	72.8
Grades 7-10 ($13,014-$22,788)	1,000	302	301	296	333	344	352	354	357
Women	1,000	101	95	95	123	132	142	147	153
Percent of total	Percent	33.4	31.6	32.1	36.9	38.4	40.3	41.5	42.9
Grades 11-12 ($19,263-$30,017)	1,000	264	273	270	286	297	309	316	326
Women	1,000	25	27	28	36	40	44	48	54
Percent of total	Percent	9.5	9.9	10.4	12.6	13.5	14.2	15.2	16.6
Grades 13-15 ($27,453-$49,608)	1,000	164	169	170	190	196	201	205	209
Women, percent of total	Percent	3.0	4.1	4.1	4.7	5.1	5.5	5.9	6.2
Grades 16-18 ($44,756-$61,449)	1,000	8	5	5	7	7	7	7	7
Women, percent of total	Percent	1.4	1.9	2.3	2.4	2.7	2.9	3.6	4.2
Postal Pay System	1,000	618	589	502	527	519	498	488	490
Women	1,000	102	105	75	86	86	81	81	83
Percent of total	Percent	16.5	17.8	14.9	16.3	16.5	16.3	16.6	16.9
Other pay systems	1,000	105	100	97	26	28	27	21	22
Women	1,000	48	44	43	10	10	9	8	9
Percent of total	Percent	45.7	44.0	43.3	38.5	35.4	33.3	39.7	40.9

[1] Pay ranges shown for General Schedule grades are as of Oct. 1, 1978, and apply only to the 1978 data.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar Workers, 1978.*

NO. 476. SALARIES OF SELECTED EXECUTIVE AND LEGISLATIVE OFFICIALS IN THE FEDERAL GOVERNMENT: 1907 TO 1980

YEAR [1]	President	Vice President	Cabinet officers	Congressmen [2]	YEAR [1]	President	Vice President	Cabinet officers	Congressmen [2]
1907	[3] $50,000	$12,000	$12,000	$7,500	1964	([4])	$43,000	$35,000	([4])
1909	75,000	([4])	([4])	([4])	1965	([4])	([4])	([4])	$30,000
1925	([4])	15,000	[5] 15,000	[5] 10,000	1969	[7] $200,000	[8] 62,500	60,000	42,500
1946	([4])	20,000	([4])	[5] 15,000	1975	([4])	[8] 65,600	63,000	44,600
1949	[7] 100,000	30,000	22,500	([4])	1976	([4])	[8] [9] 68,800	[9] 66,000	[9] 46,800
1955	([4])	35,000	([4])	22,500	1977-1978	([4])	[8] 75,000	66,000	57,500
1956	([4])	([4])	25,000	([4])	1979-1980	([4])	[10] 79,100	[10] 69,600	[10] 60,700

[1] When salary change became effective. [2] Representatives and senators. [3] Compensation enacted in 1873. [4] No change from prior year shown. [5] Legislation reduced amounts by 15, 10, and 5 percent, successively, during 1932-35. Full salary restored Apr. 1, 1935. [6] Includes $2,500 expense allowance that was tax free until 1953. Allowance discontinued Mar. 1, 1955. For income tax, members may deduct up to $3,000 a year for living expenses. [7] Plus $50,000 for official expenses. [8] Plus $10,000 expense allowance. [9] Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. [10] Pursuant to Legislative Branch Appropriation Act, 1978, salaries paid are limited to the rates in effect for 1978.

Source: U.S. Office of Personnel Management, *Annual Report.*

No. 477. Minority Group Full-Time Employment in the Federal Government, All Agencies, by Pay System: 1972 and 1978

[Excludes Hawaii, Guam, Puerto Rico, and foreign nationals abroad]

Pay system	November 30, 1972					November 30, 1978				
		Minority groups					Minority groups			
	Total employees (1,000)	Total [1] (1,000)	Percent of total	Black (1,000)	Spanish surnamed (1,000)	Total employees (1,000)	Total [1] (1,000)	Percent of total	Black (1,000)	Spanish surnamed (1,000)
All pay systems, total	**2,542.0**	**509.3**	**20.0**	**389.8**	**77.6**	**2,418.2**	**532.0**	**22.0**	**394.9**	**85.0**
General schedule and similar [2]	1,335.3	213.9	16.0	159.0	29.4	1,436.4	269.4	18.8	192.8	41.3
GS 1–4 ($6,561–$12,208)	*306.5*	*87.0*	*28.4*	*67.3*	*10.5*	*280.9*	*84.8*	*30.2*	*62.9*	*11.2*
GS 5–8 ($10,507–$18,734)	397.6	78.9	19.8	61.8	10.0	438.3	105.1	24.0	80.4	14.9
GS 9–12 ($15,920–$30,017)	448.2	39.0	8.7	24.6	7.3	504.6	64.8	12.8	40.9	12.5
GS 13–15 ($27,453–$49,608)	177.4	8.8	5.0	5.1	1.6	206.0	14.4	7.0	8.4	2.7
GS 16–18 ($44,756–$61,449) [3]	5.7	.2	3.7	.1	(Z)	6.6	.3	4.5	.2	.5
Wage systems	498.2	144.3	29.0	103.8	29.8	448.9	130.7	29.1	92.8	26.7
WG—Regular nonsupervisory	383.8	120.6	31.4	86.4	25.9	329.6	105.6	32.0	73.7	22.8
WL—Regular leader	14.1	3.6	*25.5*	2.7	.7	*11.9*	*3.6*	*30.3*	*2.6*	.7
WS—Regular supervisory	41.2	7.3	17.7	4.9	1.6	38.1	8.6	22.6	5.9	1.9
Other wage systems	59.1	12.8	21.7	9.8	1.5	69.3	12.2	17.6	10.3	1.1
U.S. Postal Service	655.4	146.0	22.3	123.3	17.6	511.4	129.2	25.3	107.3	16.6
Level 1–5 [4]	545.0	127.0	23.3	107.6	15.4	370.9	94.8	25.6	78.9	12.3
Level 6–12	104.6	18.5	17.7	15.3	2.2	79.3	25.2	31.8	21.1	3.0
Level 13 and above	5.8	.5	8.6	.4	(Z)	61.2	9.2	15.0	7.4	1.3
Other pay systems	*53.1*	*5.1*	*9.6*	*3.7*	*.8*	*21.5*	*2.7*	*12.6*	*2.0*	*.4*

Z Fewer than 50. [1] Includes American Indians and Orientals. [2] Pay rates as of Oct. 1978, for general schedule. Each grade (except GS–18) includes several salary steps. Range is from lowest to highest step of grades shown. [3] Rates of basic pay for GS–16, steps 3–9 and all steps of GS–17 and GS–18 are limited by section 5308 of title 5 of the U.S. Code to the rate for level V of the Executive Schedule (as of Sept. 1977, the effective date of this salary adjustment, $47,500). [4] 1972 data include 4th class postmasters and rural carriers. 4th class postmasters were eliminated from coverage in 1976.

Source: U.S. Office of Personnel Management, Equal Employment Opportunity Statistics, annual.

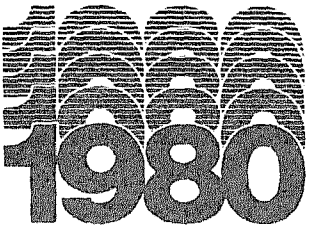
No. 478. White-Collar Full-Time Civilian Workers in the Federal Government, by Major Occupation Group and Sex: 1970 and 1978

[As of **October 31.** Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

Major occupation group	1970		1978		Major occupation group	1970		1978	
	Total (1,000)	Percent male	Total (1,000)	Percent male		Total (1,000)	Percent male	Total (1,000)	Percent male
Total	**1,981.7**	**66.8**	1,995.1	63.9	Biological sciences	41.5	93.6	52.3	88.3
					Investigation	38.9	96.9	48.8	91.8
Professional	(NA)	(NA)	319.4	78.1	Personnel management, and industrial relations	40.4	46.8	47.2	42.0
Administrative	(NA)	(NA)	424.4	77.6	Transportation	42.6	84.5	44.4	82.5
Technical	(NA)	(NA)	348.9	60.5	Physical sciences	43.0	90.8	43.0	89.3
Clerical	(NA)	(NA)	858.0	49.7	Education	29.3	64.4	28.6	58.1
Other [1]	(NA)	(NA)	44.4	92.8	*Information and arts*	19.6	70.1	20.9	61.5
General admin., clerical, and office services	449.1	31.1	466.4	31.8	Quality assurance inspection and grading	21.4	97.1	18.9	94.3
Postal	594.8	83.5	465.6	83.5	Math. and statistics	14.0	58.4	14.8	67.0
Engineering and architecture	148.8	98.8	154.2	97.5	Equipment, facilities, and service	18.2	98.0	14.4	96.3
Accounting and budget	113.2	52.9	125.8	49.5	Library and archives	8.5	35.8	9.8	37.0
Medical, hospital, dental, and *public health*	93.7	44.6	123.1	37.3	Other	46.3	95.8	61.9	89.9
Business and industry	64.5	78.3	72.0	67.0	Avg. salary, total (dol.)	(NA)	(NA)	18.5	(X)
Legal and kindred	47.8	52.5	67.7	44.1	Professional	(NA)	(NA)	26.5	(X)
Social science, psychology, and welfare	34.2	73.0	58.2	63.8	Administrative	(NA)	(NA)	24.2	(X)
Supply	72.1	58.2	57.2	54.1	Technical	(NA)	(NA)	15.4	(X)
					Clerical	(NA)	(NA)	14.1	(X)

NA Not available. X Not applicable. [1] Includes unspecified.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar Workers*, annual.



Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal Government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 255).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 479, more than 79,800 local governments were identified by the 1977 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics must be classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics

which appear here for the Federal Government and for individual States have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. General government comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include local government water supply, electric light and power, gas supply, and transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt.

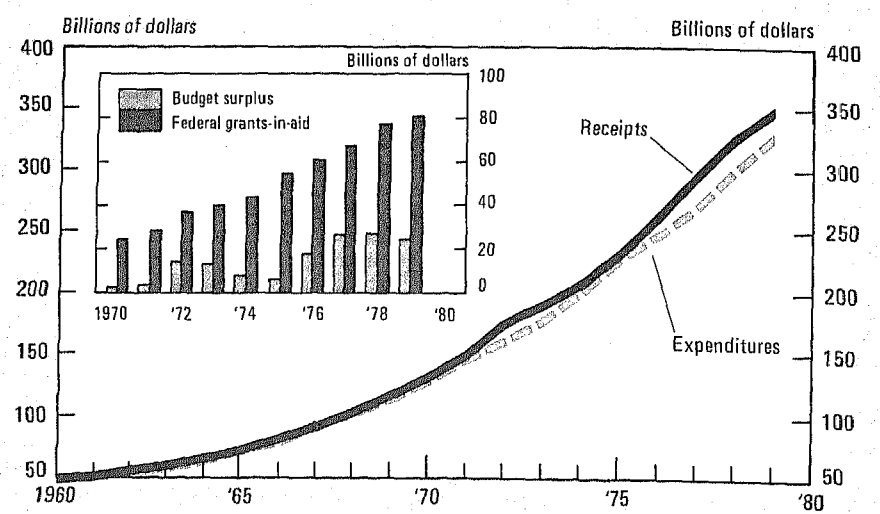
Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

Employment and payrolls.—These data are mainly based on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

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

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

Figure 10.1
State and Local Government Finances: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 493.

NO. 479. NUMBER OF GOVERNMENTAL UNITS, BY LEVEL OF GOVERNMENT: 1942 TO 1977

[See text, p. 285]

LEVEL OF GOVERNMENT	1942	1952	1957	1962	1967	1972	1977
Total	**155,116**	**116,743**	**102,328**	**91,237**	**81,299**	**78,269**	**79,913**
U.S. Government	1	1	1	1	1	1	1
States	48	48	48	50	50	50	50
Local governments	155,067	116,694	102,279	91,186	81,248	78,218	79,862
Counties	3,050	3,049	3,047	3,043	3,049	3,044	3,042
Municipalities	16,220	16,778	17,183	18,000	18,048	18,517	18,862
Townships and towns	18,919	17,202	17,198	17,142	17,105	16,991	16,822
School districts	108,579	67,346	50,446	34,678	21,782	15,781	15,174
Special districts	8,299	12,319	14,405	18,323	21,264	23,885	25,962

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, and 1977*, vol. 1, *Governmental Organization*.

NO. 480. ALL GOVERNMENTS—REVENUE, EXPENDITURE, AND DEBT: 1950 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 655-848]

ITEM AND YEAR	ALL GOVERNMENTS		FEDERAL[2]		STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE[3]		PER CAPITA[4] (dollars)		
	Total (bil. dol.)	Percent of GNP[1]	Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State and local	Total	Federal	State and local
Revenue:												
1950	67	25.2	44	65.3	23	11	12	−3.3	7.3	440	287	153
1955	106	27.9	72	67.6	34	17	18	12.9	9.3	644	435	209
1960	153	30.7	100	65.2	53	26	27	6.8	7.8	851	554	296
1965	203	30.8	126	62.1	77	39	38	4.8	8.5	1,045	649	396
1970	334	34.8	206	61.6	128	69	60	3.0	13.3	1,642	1,011	631
1972	383	34.5	223	58.3	159	84	75	4.5	11.5	1,839	1,073	766
1973	432	35.3	254	58.8	178	97	81	12.7	12.6	2,059	1,211	850
1974	484	35.6	288	59.5	196	108	88	13.6	9.9	2,289	1,367	927
1975	519	35.6	302	58.2	217	119	98	5.0	10.7	2,436	1,418	1,018
1976	571	35.2	324	56.6	248	139	109	7.0	14.2	2,661	1,507	1,154
1977	658	36.8	383	58.1	275	156	120	18.1	11.1	3,039	1,766	1,272
1978	732	36.6	430	58.7	302	172	131	12.5	9.6	3,356	1,970	1,385
Expenditure:												
1950	70	26.5	42	60.3	28	11	17	11.1	15.5	464	280	184
1955	111	29.1	70	63.5	40	14	26	10.8	7.4	670	426	244
1960	151	30.4	90	59.7	61	22	39	5.2	8.6	841	502	339
1965	206	31.2	119	57.9	87	31	55	5.7	7.4	1,081	614	447
1970	333	34.7	185	55.5	148	56	92	4.5	12.1	1,638	910	728
1972	399	36.0	209	52.3	190	72	118	6.2	12.7	1,917	1,002	915
1973	437	35.7	231	53.0	205	78	127	9.4	8.7	2,081	1,103	978
1974	478	35.1	253	52.8	226	86	139	9.2	10.1	2,263	1,195	1,069
1975	560	38.4	292	52.1	268	107	161	15.5	18.8	2,628	1,370	1,259
1976	625	38.5	322	51.5	303	123	180	10.3	14.6	2,912	1,500	1,417
1977	682	38.1	359	52.6	323	129	194	11.5	6.6	3,154	1,661	1,494
1978	745	37.5	400	53.7	345	137	209	11.5	7.5	3,418	1,835	1,584
Debt outstanding:[5]												
1950	281	106.3	257	91.4	24	5	19	.6	12.4	1,856	1,697	159
1955	319	83.6	274	86.1	44	11	33	1.3	12.9	1,928	1,660	268
1960	356	71.5	286	80.4	70	19	51	.9	9.7	1,979	1,591	389
1965	417	63.3	317	76.1	100	27	72	2.1	7.4	2,150	1,637	513
1970	514	53.6	371	72.1	144	42	102	4.8	7.5	2,531	1,825	706
1972	602	54.1	427	71.5	175	54	120	8.5	9.9	2,938	2,100	838
1973	657	53.6	468	71.3	188	59	129	7.1	7.4	3,130	2,232	898
1974	693	50.9	486	70.2	207	65	141	3.8	9.6	3,278	2,300	977
1975	764	52.5	544	71.1	220	72	148	11.9	6.4	3,591	2,553	1,038
1976	872	53.7	631	72.4	241	85	156	16.0	9.4	4,061	2,941	1,121
1977	969	54.2	709	73.2	260	90	169	12.3	8.0	4,477	3,278	1,200
1978	1,061	53.4	780	73.6	280	103	178	10.0	8.9	4,865	3,579	1,286

[1] Gross national product (GNP) on fiscal year basis; see p. 437 for calendar year GNP.
[2] Data adjusted to system for reporting State and local data and therefore differ from figures in section 9 tables.
[3] Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (−) denotes decrease.
[4] All years except 1970 based on estimated *population* as of July 1; 1970 based on resident population enumerated as of Apr. 1. Includes Armed Forces abroad through 1955; thereafter, resident *population*. *Excludes intergovernmental* amounts.
[5] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*, and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

No. 481. All Governments—Summary of Finances: 1960 to 1978

[In billions of dollars, except as indicated. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classed. See also *Historical Statistics, Colonial Times to 1970,* series Y 522-530 and Y 534-566]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Revenue, total [1]	**153.1**	**202.6**	**333.8**	**432.1**	**484.0**	**519.3**	**571.2**	**657.5**	**731.7**
Revenue from own sources:									
Federal	99.8	125.8	205.6	253.7	287.9	302.3	323.5	383.5	429.7
Percent of total	65.2	62.1	61.6	58.7	59.5	58.2	56.5	58.1	58.7
State and local	53.3	76.7	128.2	178.4	196.0	217.0	247.7	275.4	302.0
State	26.1	38.5	68.7	97.1	106.7	119.2	139.1	155.8	171.5
Local	27.2	38.2	59.6	81.3	88.4	97.8	108.6	119.6	130.4
General revenue [1]	130.6	169.7	272.5	344.4	383.1	402.9	438.3	506.3	565.6
Taxes [2]	113.1	145.0	232.9	286.2	314.8	331.4	358.2	419.8	468.2
Individual income	43.2	52.9	101.2	121.2	138.4	143.8	156.2	186.0	214.2
Corporation income	22.7	27.4	36.6	41.6	44.6	47.3	48.7	64.1	70.7
Sales and gross receipts	24.5	32.9	48.6	61.8	66.6	70.9	76.3	83.8	93.0
Property	16.4	22.6	34.1	45.3	47.7	51.5	57.0	62.5	66.4
Charges and miscellaneous	17.5	24.7	39.6	58.3	68.3	71.4	80.1	86.5	97.4
Utilities and liquor stores	4.9	6.4	8.6	10.9	11.7	13.3	15.1	17.5	20.0
Insurance trusts [2]	17.6	26.5	52.7	76.2	89.1	103.1	117.8	133.7	146.1
OASDHI [3] (Federal Social Security)	10.7	16.7	38.5	56.1	66.1	75.6	80.3	92.5	104.5
Employee retirement	2.9	4.5	8.2	12.2	13.2	14.9	17.3	20.1	22.2
Unemployment compensation	2.5	3.4	3.2	5.1	5.8	8.3	15.6	15.8	13.4
Expenditures, total [1]	**151.3**	**205.6**	**333.0**	**436.9**	**478.3**	**560.1**	**625.1**	**682.5**	**745.4**
Direct expenditure:									
Federal	90.3	119.0	184.9	231.4	252.6	291.9	322.0	359.3	400.1
Percent of total	59.7	57.9	55.5	53.0	52.8	52.1	51.4	52.7	53.7
State and local	61.0	86.7	148.1	205.5	225.7	268.2	303.0	323.2	345.3
State	22.2	31.5	56.2	78.0	86.2	106.9	123.1	128.8	136.5
Local	38.8	55.2	91.9	127.5	139.5	161.3	180.0	194.4	208.8
Current operation	81.7	122.6	197.0	249.3	269.8	305.2	335.3	368.0	402.2
Capital outlay	31.9	33.7	47.5	55.4	57.3	66.6	71.6	75.2	81.1
Construction	15.8	20.9	28.4	32.9	35.7	43.0	45.2	43.8	44.7
Equipment [4]	14.4	9.6	15.9	17.7	16.6	18.8	22.0	31.4	36.4
Land and existing buildings [4]	1.7	3.3	3.2	4.7	5.0	4.8	4.4		
Assistance and subsidies	10.4	12.5	20.8	30.7	33.2	44.0	47.7	48.8	54.0
Interest on debt	9.7	12.0	19.2	26.2	31.3	35.1	41.0	46.4	53.4
Insurance benefits and repayments	17.6	24.9	48.5	75.3	86.7	109.2	129.4	144.1	154.8
Exhibit: Personal services	*47.1*	*65.7*	*110.5*	*142.7*	*154.2*	*163.7*	*180.4*	*193.2*	*211.6*
General expenditure [1]	128.6	173.7	275.0	348.5	377.2	433.6	476.1	514.2	564.3
National defense and international relations	48.9	55.8	84.3	83.0	85.4	93.9	98.0	105.6	114.8
Military services only	41.3	48.4	76.6	72.1	79.1	86.6	91.0	97.8	105.8
Postal service	3.7	5.3	7.7	9.6	11.2	12.7	13.7	14.6	15.3
Education	19.4	29.6	55.8	74.9	81.7	95.0	106.3	110.6	118.8
State institutions of higher education	2.9	5.3	11.0	17.4	15.4	17.7	24.3	26.0	28.4
Local schools	15.2	22.0	37.5	48.8	53.1	61.5	67.7	71.5	76.7
Other education	1.3	2.3	7.3	8.7	13.2	15.8	14.3	13.1	13.7
Highways	9.6	12.3	16.7	18.9	20.2	22.8	24.2	23.3	24.9
Public welfare	4.5	6.4	17.5	27.0	31.0	39.4	45.1	49.4	54.2
Categorical public assistance [5]	3.0	3.7	6.9	10.4	11.6	14.1	15.6	16.2	18.1
Other public assistance [6]	.3	.3	.6	.8	.7	1.8	2.1	1.3	2.4
Other public welfare [7]	1.1	2.5	10.0	15.8	18.7	23.5	27.4	31.9	33.7
Hospitals	4.2	5.9	9.7	13.7	15.3	17.4	18.9	21.3	22.8
Health	1.0	1.8	3.9	5.0	6.4	7.5	8.6	9.3	10.2
Police	2.0	2.8	4.9	7.8	8.3	9.6	10.7	11.8	12.9
Local fire protection	1.0	1.3	2.0	2.8	3.0	3.5	3.9	4.4	4.8
Sanitation	1.7	2.4	3.4	5.3	6.0	7.5	8.2	9.4	9.8
Natural resources	7.1	11.0	11.5	16.7	17.4	18.1	19.4	22.4	26.3
Stabilization of farm prices and income	3.4	5.8	4.3	6.0	4.1	2.4	1.3	2.2	3.6
Parks and recreation	.8	1.1	1.9	2.6	3.0	3.5	3.9	5.7	6.7
Housing and urban renewal	1.1	2.2	3.2	6.9	5.9	5.9	5.4	5.6	6.0
Veterans services, n.e.c.	3.8	4.2	5.5	7.4	7.5	8.6	9.3	10.2	10.8
Financial administration and general control	2.9	3.8	6.3	4.6	10.0	11.9	13.4	14.8	16.6
Interest on general debt	9.3	11.4	18.4	25.1	30.1	33.8	39.6	44.5	51.3
Air and water transport and terminals	2.0	2.7	4.0	4.9	4.8	5.2	5.4	5.7	6.1
Other and unallocable	5.6	13.7	18.2	32.4	29.9	37.0	42.1	45.6	52.0
Utility and liquor stores	5.1	7.1	9.4	13.0	14.4	17.3	19.5	24.2	26.3
Insurance trusts [2]	17.6	24.9	48.5	75.3	86.7	109.2	129.4	144.1	154.8
OASDHI [3] (Federal Social Security)	10.8	16.6	35.8	56.4	64.7	76.6	88.3	103.2	115.0
Employee retirement	2.2	3.5	6.4	10.4	12.3	14.6	16.8	19.2	21.8
Unemployment compensation	2.6	2.4	2.8	4.2	4.8	12.4	18.1	14.9	10.9

[1] Excludes duplicative transactions between levels of government. [2] Includes other items, not shown separately. [3] Old-age, survivors, disability, and health insurance. [4] "Equipment" and "land and existing buildings" were consolidated into a single expenditure category beginning 1977. [5] Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. [6] Cash assistance for general relief wholly financed from State and local sources. [7] Vendor payments under various public welfare programs, including the medicaid program.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment,* and *Governmental Finances,* series GF No. 5, annual.

NO. 482. ALL GOVERNMENTS—PERCENT AND PER CAPITA DISTRIBUTION OF FINANCES: 1960 TO 1978

[See headnote, table 481. OASDHI=Old-age, survivors, disability, and health insurance]

ITEM	PERCENT DISTRIBUTION					PER CAPITA[1] (dol.)				
	1960	1965	1970	1975	1978	1960	1965	1970	1975	1978
Revenue, total[2]	100.0	100.0	100.0	100.0	100.0	851	1,045	1,642	2,436	3,356
Revenue from own sources:										
Federal	65.2	62.1	61.6	58.2	58.7	554	649	1,011	1,418	1,971
State and local	34.8	37.9	38.4	41.8	41.3	296	396	631	1,018	1,385
State	17.2	19.0	20.6	23.0	23.4	145	199	338	559	787
Local	17.5	18.9	17.9	18.8	17.8	151	197	293	459	598
General revenue[2]	87.7	88.8	81.6	77.6	77.3	726	876	1,341	1,890	2,594
Taxes	76.6	71.6	69.8	63.8	64.0	628	748	1,146	1,555	2,147
Individual income	24.7	26.1	30.3	27.7	29.3	240	273	498	675	982
Corporation income	16.6	13.5	11.0	9.1	9.7	126	141	180	222	324
Sales and gross receipts	19.5	16.2	14.6	13.7	12.7	136	170	239	333	427
Property	10.9	11.2	10.2	9.9	9.1	91	117	168	242	305
Other	4.6	4.5	3.7	3.5	3.3	36	47	61	84	109
Charges and miscellaneous	11.1	12.2	11.9	13.8	13.3	97	127	195	335	447
Utilities and liquor stores	4.0	3.2	2.6	2.6	2.7	27	33	42	63	92
Insurance trusts[3]	8.2	13.1	15.8	19.8	20.0	98	137	259	484	670
OASDHI (Federal Social Security)	3.1	8.2	11.5	14.6	14.3	59	86	189	355	479
Employee retirement	1.5	2.2	2.5	2.9	3.0	16	23	40	70	101
Unemployment compensation	1.8	1.7	1.0	1.6	1.8	14	18	16	39	61
Expenditures, total[2]	100.0	100.0	100.0	100.0	100.0	841	1,061	1,638	2,628	3,418
Direct expenditure:										
Federal	59.7	57.9	55.5	52.1	53.7	502	614	910	1,370	1,835
State and local	40.3	42.2	44.5	47.9	46.3	339	447	729	1,259	1,584
State	14.7	15.3	16.9	19.1	18.3	123	163	277	502	626
Local	25.6	26.8	27.6	28.8	28.0	216	285	452	757	957
Current operation	54.0	59.6	59.2	54.5	54.0	454	633	969	1,432	1,844
Capital outlay	21.1	16.4	14.3	11.9	10.9	177	174	234	313	371
Construction	10.4	10.2	8.5	7.7	6.0	88	108	140	202	205
Equipment[4]	9.5	4.7	4.8	3.4	} 4.8	{ 80	50	78	68	} 166
Land and existing buildings[4]	1.1	1.6	1.0	.9		{ 9	17	16	23	
Assistance and subsidies	6.9	6.1	6.2	7.8	7.2	58	64	102	206	247
Interest on debt	6.4	5.8	5.8	6.3	7.2	54	62	94	165	245
Insurance benefits and repayments	11.6	12.1	14.6	19.5	20.8	98	128	239	513	709
Exhibit: Personal services	*31.1*	*32.0*	*33.2*	*30.7*	*28.4*	*262*	*339*	*544*	*808*	*970*
General expenditure[2]	85.0	84.5	82.6	77.4	75.7	714	896	1,353	2,035	2,588
Nat'l defense and int'l relations	32.3	27.1	25.3	16.8	15.4	272	288	415	441	527
Military services only	27.3	23.5	23.0	15.4	14.2	229	250	377	406	485
Postal service	2.4	2.6	2.3	2.3	2.0	21	27	38	59	70
Education	12.8	14.4	16.8	17.0	15.9	108	153	275	446	545
State institutions of higher educ	1.9	2.6	3.3	3.4	3.8	16	27	54	88	130
Local schools	10.0	10.7	11.3	11.1	10.3	84	114	185	289	352
Other education	.9	1.1	2.2	2.8	1.8	7	12	36	74	63
Highways	6.3	6.0	5.0	4.1	3.3	53	63	82	107	114
Public welfare[5]	3.0	3.1	5.3	7.0	7.3	25	33	86	185	249
Categorical public assistance	2.0	1.8	2.1	2.5	2.4	17	19	34	66	83
Other public assistance	.2	.1	.2	.3	.3	2	2	3	8	11
Other public welfare	.7	1.2	3.0	4.2	4.5	6	13	49	110	155
Hospitals	2.8	2.9	2.9	3.1	3.1	23	30	48	82	105
Health	.7	.9	1.2	1.3	1.4	6	9	19	35	47
Police	1.3	1.4	1.5	1.7	1.7	11	14	24	45	59
Local fire protection	.7	.6	.6	.6	.6	6	7	10	16	22
Sanitation	1.1	1.2	1.0	1.3	1.3	9	12	17	35	45
Natural resources	4.7	5.4	3.5	3.2	3.5	39	57	57	85	121
Farm prices and income stabiliz	2.2	2.8	1.3	.4	.5	19	30	21	11	17
Parks and recreation	.5	.5	.6	.6	.9	4	6	9	16	31
Housing and urban renewal	.7	1.1	1.0	1.0	.8	6	11	16	27	28
Veterans services, n.e.c.[6]	2.5	2.0	1.7	1.6	1.4	21	22	27	42	50
Financial admin. and gen. control	1.9	1.8	1.9	2.1	2.2	16	20	31	56	76
Interest on general debt	6.1	5.5	5.5	6.0	6.9	52	59	91	159	235
Air, water transport and terminals	1.3	1.3	1.2	.9	.8	11	14	20	25	28
Other and unallocable	3.7	6.7	5.5	6.6	7.0	31	71	90	174	238
Utility and liquor stores	3.4	3.5	2.8	3.1	3.5	28	37	46	81	121
Insurance trusts[3]	11.6	12.1	14.6	19.5	20.8	98	128	239	513	710
OASDHI (Federal Social Security)	7.1	8.1	10.8	13.7	15.4	60	86	176	359	527
Employee retirement	1.5	1.7	1.9	2.6	2.9	12	18	31	68	100
Unemployment compensation	1.7	1.2	.8	2.2	1.5	14	12	14	58	50

[1] See footnote 4, table 480. [2] See footnote 1, table 481. [3] Includes other items, not shown separately. [4] See footnote 4, table 481. [5] See footnotes 5, 6, and 7, table 481. [6] Not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual; and unpublished data.

NO. 483. ALL GOVERNMENTS—REVENUES, BY SOURCE AND LEVEL: 1970 TO 1978

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III, See also *Historical Statistics, Colonial Times to 1970,* series Y 567–584 and Y 652–665]

SOURCE OF REVENUE	1970		1975		1976		1977		1978	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	**205.6**	**[1] 150.1**	**303.5**	**[1] 264.0**	**324.9**	**[1] 303.3**	**383.5**	**[1] 337.9**	**431.3**	**[1] 371.6**
General revenue	163.6	[1] 130.8	223.0	[1] 228.2	239.0	[1] 256.2	285.0	[1] 285.2	320.8	[1] 316.0
Intergovernmental	(X)	21.9	1.2	47.1	1.3	55.6	1.4	62.4	1.6	69.6
From Federal government	(X)	21.9	(X)	47.1	(X)	55.6	(X)	62.4	(X)	69.6
From State governments	(X)	(Z)	1.2	(Z)	1.3	(Z)	1.4	(Z)	1.6	(Z)
From local governments	(X)	(Z)	(X)	(Z)	(X)	(Z)	(X)	(Z)	(X)	(Z)
From own sources	163.6	108.9	221.7	181.1	237.7	200.6	283.6	222.7	319.2	246.4
Taxes [2]	146.1	86.8	190.0	141.5	201.4	156.8	243.8	175.9	274.5	193.6
Property	(X)	34.1	(X)	51.5	(X)	57.0	(X)	62.5	(X)	66.4
Individual income	90.4	10.8	122.4	21.5	131.6	24.6	156.7	29.2	181.0	33.2
Corporation income	32.8	3.7	40.6	6.6	41.4	7.3	54.9	9.2	60.0	10.7
Sales and gross receipts [2]	18.3	30.3	21.1	49.8	21.7	54.5	23.2	60.6	25.4	67.6
General	(X)	16.1	(X)	29.1	(X)	32.0	(X)	36.3	(X)	41.5
Selective [2]	18.3	14.2	21.1	20.7	21.7	22.5	23.2	24.3	25.4	26.1
Motor fuel	3.8	6.3	4.5	8.3	4.6	8.7	4.9	9.2	5.1	9.6
Alcoholic beverages	4.7	1.5	5.3	2.1	5.4	2.2	5.4	2.3	5.6	2.4
Tobacco products	2.1	2.4	2.3	3.4	2.5	3.6	2.4	3.6	2.5	3.8
Public utilities	1.7	1.5	2.9	3.1	2.7	3.6	2.8	4.2	2.9	4.7
Death and gift tax	3.6	1.0	4.6	1.4	5.2	1.5	7.3	1.8	5.3	1.8
Charges and miscellaneous [2]	17.5	22.1	31.8	39.7	36.3	43.8	39.8	46.8	44.7	52.7
Education	(Z)	5.8	(Z)	9.1	.1	10.4	.1	10.3	.1	11.4
Postal service	6.2	(X)	9.6	(X)	10.7	(X)	12.4	(X)	13.5	(X)
Hospitals	(Z)	3.1	(Z)	6.0	(Z)	7.2	(Z)	8.5	(Z)	9.2
Natural resources [3]	2.3	.6	3.0	.8	3.2	1.0	4.5	1.3	6.2	1.5
Sewerage and sanitation	(X)	1.2	(X)	2.5	(X)	2.9	(X)	3.1	(X)	3.6
Utility and liquor stores	(X)	8.6	(X)	13.3	(X)	15.1	(X)	17.5	(X)	20.0
Insurance trusts	42.0	10.7	80.5	22.5	85.8	32.0	98.5	35.2	110.5	35.6

X Not applicable. Z Less than $50 million. [1] Aggregates exclude duplicative transactions between State and local governments; see source. [2] Includes other amounts not shown separately. [3] Includes parks and recreation.

NO. 484. ALL GOVERNMENTS—GENERAL EXPENDITURE, BY FUNCTION AND LEVEL: 1970 TO 1978

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970,* series Y 605–631 and Y 682–704]

FUNCTION	1970		1975		1976		1977		1978	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total, all functions	**166.9**	**[1] 131.3**	**253.5**	**[1] 230.7**	**289.7**	**[1] 256.7**	**315.4**	**[1] 274.2**	**348.0**	**[1] 297.0**
Direct general	143.7	131.3	203.9	229.7	220.6	255.6	241.4	272.8	268.8	295.5
Intergovernmental	23.3	(X)	49.6	[2] 1.0	69.1	[2] 1.2	74.0	[2] 1.4	79.2	[2] 1.5
National defense and international relations	84.3	(X)	93.9	(X)	98.0	(X)	105.6	(X)	114.8	(X)
Postal service	7.7	(X)	12.7	(X)	13.7	(X)	14.6	(X)	15.3	(X)
Education	8.9	52.7	16.1	87.9	18.3	97.2	18.0	102.8	19.6	110.8
Highways	4.9	16.4	5.1	22.5	6.5	23.9	6.4	23.1	6.5	24.6
Public welfare	10.4	14.7	26.6	28.2	30.9	31.4	34.4	34.6	36.6	39.1
Health and hospitals	4.9	9.7	8.0	18.8	9.1	20.7	9.9	23.0	10.6	24.9
Natural resources [3]	9.0	2.7	14.7	4.2	15.7	4.7	19.8	4.0	23.7	4.2
Housing and urban renewal	2.7	2.1	5.1	3.5	5.1	3.2	5.1	3.4	5.3	3.7
Space research and technology	3.7	(X)	3.3	(X)	3.7	(X)	4.0	(X)	4.0	(X)
Air transportation	1.2	1.0	2.0	1.4	2.2	1.5	2.4	1.3	2.9	1.6
Social insurance administration	1.7	.8	2.7	1.5	3.1	1.6	3.5	1.7	3.7	1.8
Interest on general debt	14.0	4.4	25.0	8.8	29.3	10.3	33.3	11.2	39.3	12.0
Other and combined	13.6	26.8	38.3	53.9	54.1	62.3	57.3	67.7	65.7	74.2

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] State contributions to Federal government. [3] Excludes parks and recreation.

Source of tables 483 and 484: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 6, No. 4, *Historical Statistics on State and Local Government Finances and Employment,* and *Governmental Finances,* series GF No. 5, annual.

NO. 485. ALL GOVERNMENTS—REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1978

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	PERCENT		PER CAPITA[1] (dol.)	
					Federal	State and local[2]	Federal	State and local[2]
Revenue	**[2]731,736**	**431,280**	**225,011**	**[2]214,518**	**100.0**	**100.0**	**1,978**	**1,704**
Intergovernmental revenue	(2)	1,558	53,461	84,053	.4	18.7	7	319
Revenue from own sources	731,736	429,722	171,550	130,464	99.6	81.3	1,971	1,385
General revenue from own sources	565,583	319,215	135,638	110,730	74.0	66.3	1,464	1,130
Percent of total revenue	77.3	74.0	60.3	51.6	(X)	(X)	(X)	(X)
Taxes[3]	468,161	274,519	113,261	80,381	63.7	52.1	1,259	888
Property	66,422	(X)	2,364	64,058	(X)	17.9	(X)	305
Individual income	214,164	180,988	29,105	4,071	42.0	8.9	830	152
Corporation income	70,690	59,952	10,738	(4)	13.9	2.9	275	49
Sales and gross receipts	93,049	25,453	58,270	9,326	5.9	18.2	117	310
Customs duties	6,823	6,823	(X)	(X)	1.6	(X)	31	(X)
General sales and gross receipts	41,473	(X)	35,280	6,193	(X)	11.2	(X)	190
Selective sales and gross receipts[3]	44,753	18,630	22,990	3,133	4.3	7.0	85	120
Motor fuel	14,681	5,083	9,501	97	1.2	2.6	23	44
Alcoholic beverages	8,018	5,594	2,286	137	1.3	.7	26	11
Tobacco products	6,236	2,451	3,654	132	.6	1.0	11	17
Public utilities	7,578	2,902	2,617	2,060	.7	1.3	13	21
Motor vehicle and operators' licenses	5,167	(X)	4,836	331	(X)	1.4	(X)	24
Death and gift	7,127	5,285	1,842	-	1.2	.5	24	8
Charges and misc. general revenue[3]	97,422	44,696	22,377	30,349	10.4	14.2	205	242
Current charges[3]	61,836	27,135	13,554	21,146	6.3	9.3	124	159
National defense and international relations	4,074	4,074	(X)	(X)	.9	(X)	19	(X)
Postal service	13,481	13,481	(X)	(X)	3.1	(X)	62	(X)
Education[3]	11,467	74	7,656	3,734	(Z)	3.1	(Z)	52
School lunch sales	1,752	(X)	(X)	1,752	(X)	.5	(X)	8
Higher education	8,620	74	7,502	1,044	(Z)	2.3	(Z)	39
Natural resources	6,761	6,223	387	151	1.4	.1	29	2
Hospitals	9,269	42	2,721	6,506	(Z)	2.5	(Z)	42
Sewerage and sanitation	3,590	(X)	3	3,587	(X)	1.0	(X)	16
Parks and recreation	984	34	264	687	(Z)	.3	(Z)	4
Housing and urban renewal	1,691	658	58	975	.2	.3	3	5
Air transportation	1,429	20	155	1,253	(Z)	.4	(Z)	6
Water transport and terminals	704	49	182	473	(Z)	.2	(Z)	3
Special assessments	995	(X)	28	967	(X)	.3	(X)	5
Sale of property	791	445	79	267	.1	.1	2	2
Interest earnings	14,665	6,445	4,390	3,830	1.5	2.2	30	38
Utility revenue	17,252	(X)	962	16,290	(X)	4.6	(X)	79
Liquor stores revenue	2,759	(X)	2,388	371	(X)	.7	(X)	13
Insurance trust revenue	146,142	110,507	32,562	3,073	25.6	9.6	507	163
Expenditure	**[2]745,438**	**479,297**	**203,832**	**[2]211,081**	**100.0**	**100.0**	**2,198**	**1,590**
Intergovernmental expenditure	(2)	79,172	67,287	2,313	16.5	.4	363	7
General revenue sharing	6,823	6,823	(X)	(X)	1.4	(X)	31	(X)
Direct expenditure	745,438	400,125	136,545	208,768	83.5	99.6	1,835	1,584
General expenditure	564,338	268,828	112,515	182,995	56.1	85.2	1,233	1,355
Percent of total expenditure	75.7	56.1	55.2	86.7	(X)	(X)	(X)	(X)
Utility expenditure	23,960	(X)	1,544	22,416	(X)	6.9	(X)	110
Liquor stores expenditure	2,317	(X)	1,991	326	(X)	.7	(X)	11
Insurance trust expenditure	154,822	131,297	20,495	3,031	27.4	6.8	602	108
By character and object:								
Current operation	402,168	152,946	86,153	163,070	31.9	71.9	701	1,143
Capital outlay	81,058	36,289	16,064	28,705	7.6	12.9	166	205
Construction	44,720	8,521	13,260	22,939	1.8	10.4	39	166
Equip., land and existing structures	36,337	27,768	2,804	5,766	5.8	2.5	127	39
Assistance and subsidies	54,016	40,263	8,341	5,413	8.4	4.0	185	63
Interest on debt	53,374	39,330	5,493	8,551	8.2	4.0	180	64
Insurance benefits and repayments	154,822	131,297	20,495	3,031	27.4	6.8	602	108
Expenditure for salaries and wages	*211,630*	*[5]73,927*	*40,519*	*97,184*	*15.4*	*39.7*	*339*	*631*

- Represents zero. X Not applicable. Z Less than .05 percent or $.50. [1]Based on estimated resident population as of July 1, 1978. [2]Aggregates exclude duplicative transactions between levels of government; see source. [3]Includes amounts not shown separately. [4]Minor amount included in individual income tax. [5]Includes pay and allowances of military personnel.

Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF 78, No. 5.

No. 486. All Governments—Tax Revenue, by Source and Level: 1960 to 1978

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507-512, Y 569-579, Y 657-662, Y 716-727, and Y 802-806]

Source and year	All government		Federal [1]		State and local		Annual percent change [2]			Per capita [3] (dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
Total:											
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,953	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	480	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1972	263,342	100.0	153,733	58.4	59,870	49,739	2.6	11.7	13.2	738	526
1973	286,132	100.0	165,030	57.7	66,069	53,032	7.4	13.7	8.4	786	577
1974	314,785	100.0	184,112	58.5	74,207	56,467	11.6	9.0	5.6	871	618
1975	331,435	100.0	189,970	57.3	80,155	61,310	3.2	8.0	8.5	892	664
1976	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
1977	419,721	100.0	243,842	58.1	101,085	74,794	21.1	13.3	10.7	1,127	813
1978	468,161	100.0	274,519	58.6	113,261	80,381	12.6	12.0	7.5	1,259	888
Individual income:											
1960	43,176	38.2	40,715	94.3	2,209	[4] 254	7.2	15.1	12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	[4] 433	3.7	10.6	11.3	252	21
1970	101,224	43.5	90,412	89.3	9,169	[4] 1,630	13.1	20.2	30.4	445	53
1972	109,964	41.8	94,737	86.2	12,996	[4] 2,230	2.4	18.9	17.0	455	73
1973	121,240	42.3	103,246	85.2	15,587	[4] 2,406	9.0	19.9	7.4	492	86
1974	138,443	43.9	118,952	85.9	17,078	[4] 2,413	15.2	9.6	.3	569	92
1975	143,840	43.4	122,386	85.1	18,819	[4] 2,635	2.9	10.2	9.2	574	101
1976	156,178	43.6	131,603	84.3	21,448	[4] 3,127	7.5	14.0	18.7	613	114
1977	185,970	44.3	156,725	84.3	25,493	[4] 3,752	19.1	18.9	20.0	724	135
1978	214,164	45.7	180,988	84.5	29,105	[4] 4,071	15.5	14.2	8.5	830	152
Corporation income:											
1960	22,674	20.0	21,494	94.8	1,180	(4)	3.8	9.9	(4)	119	7
1965	27,390	18.9	25,461	93.0	1,929	(4)	3.4	10.3	(4)	131	10
1970	36,567	15.7	32,829	89.8	3,738	(4)	5.2	14.2	(4)	162	18
1972	36,582	13.9	32,166	87.9	4,416	(4)	−1.0	8.7	(4)	154	21
1973	41,578	14.5	36,153	87.0	5,425	(4)	12.4	22.9	(4)	172	26
1974	44,835	14.1	38,820	86.5	6,015	(4)	6.8	10.9	(4)	183	28
1975	47,263	14.3	40,621	85.9	6,642	(4)	5.2	10.4	(4)	191	31
1976	48,682	13.6	41,409	85.1	7,273	(4)	1.9	9.5	(4)	193	34
1977	64,066	15.3	54,892	85.7	9,174	(4)	32.6	26.1	(4)	254	42
1978	70,690	15.1	59,952	84.8	10,738	(4)	9.2	17.0	(4)	275	49
Sales and gross receipts: [5]											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	46,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1972	57,619	21.9	20,101	34.9	33,250	4,268	4.8	10.5	17.9	97	180
1973	61,769	21.6	19,722	31.9	37,123	4,924	−1.9	11.7	16.2	94	200
1974	66,632	21.1	20,534	30.8	40,556	5,542	4.1	9.2	12.6	97	218
1975	70,905	21.4	21,090	29.7	43,346	6,468	2.7	6.9	16.7	99	234
1976	76,265	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
1977	83,775	20.0	23,180	27.7	52,362	8,232	6.7	10.5	15.0	107	280
1978	93,049	19.9	25,453	27.4	58,270	9,326	9.8	11.3	13.3	117	310
Property:											
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1972	42,877	16.3	(X)	(X)	1,257	41,620	(X)	7.3	12.4	(X)	206
1973	45,283	15.8	(X)	(X)	1,312	43,970	(X)	4.4	7.6	(X)	216
1974	47,705	15.1	(X)	(X)	1,301	46,404	(X)	−.8	5.6	(X)	226
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	11.5	7.7	(X)	242
1976	57,001	15.9	(X)	(X)	2,118	54,884	(X)	46.0	9.7	(X)	266
1977	62,535	14.9	(X)	(X)	2,260	60,275	(X)	6.7	9.8	(X)	289
1978	66,422	14.1	(X)	(X)	2,364	64,058	(X)	4.6	6.3	(X)	305
Other taxes: [6]											
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1972	16,301	6.2	6,729	41.3	7,951	1,621	21.7	9.0	17.5	32	46
1973	16,265	5.7	5,909	36.3	8,622	1,731	−12.2	8.4	9.9	28	49
1974	17,370	5.5	6,006	34.6	9,257	2,108	1.6	7.4	21.8	28	54
1975	17,936	5.4	5,873	32.7	9,897	2,166	−2.2	6.9	2.8	28	57
1976	20,101	5.6	6,684	33.3	11,026	2,390	13.8	11.4	10.3	31	63
1977	23,375	5.6	9,045	38.7	11,796	2,534	35.3	7.0	6.0	42	66
1978	23,835	5.1	8,126	34.1	12,784	2,925	−10.2	8.4	15.4	37	72

X Not applicable. [1] Corporation income taxes include excess profits tax, normal tax, and surtax. [2] For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (−) denotes decrease. [3] See footnote 4, table 480. [4] Corporation included with individual income. [5] Federal taxes include customs. [6] Includes licenses.

Source: U.S. Bureau of the Census. *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

NO. 487. ALL GOVERNMENTS—EXPENDITURE FOR CAPITAL OUTLAY: 1960 TO 1978

[**In millions of dollars.** Local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788]

YEAR AND FUNCTION	TOTAL CAPITAL OUTLAY					CONSTRUCTION EXPENDITURE ONLY				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1960	31,946	16,842	15,104	6,607	8,497	15,832	3,480	12,352	5,509	6,843
1965	33,744	13,209	20,535	9,175	11,360	20,885	4,472	16,413	7,508	8,905
1970	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1972	55,053	20,816	34,237	15,283	18,953	32,908	4,801	28,107	13,022	15,085
1973	55,363	20,091	35,272	14,677	20,595	32,883	4,632	28,251	12,327	15,924
1974	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976	71,631	25,100	46,531	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978, total	**81,058**	**36,289**	**44,769**	**16,064**	**28,705**	**44,720**	**8,521**	**36,199**	**13,260**	**22,939**
National defense[1]	26,361	26,361	(x)	(x)	(x)	2,459	2,459	(x)	(x)	(x)
Space research[2]	242	242	(x)	(x)	(x)	159	159	(x)	(x)	(x)
Education	8,732	58	8,674	2,617	6,057	5,903	30	5,873	1,715	4,157
Higher education	2,593	(x)	2,593	2,075	518	1,610	(x)	1,610	1,258	352
Local schools	5,709	(x)	5,709	170	5,539	3,952	(x)	3,952	147	3,805
Other	430	58	372	372	(x)	341	30	311	311	(x)
Highways	12,983	85	12,898	9,687	3,211	11,605	83	11,522	8,782	2,741
Natural resources	6,244	5,601	643	348	296	4,541	4,134	407	163	244
Health and hospitals	2,505	627	1,878	898	980	1,794	351	1,443	684	760
Sewerage	4,366	(x)	4,366	185	4,180	4,156	(x)	4,156	183	3,973
Parks and recreation	2,548	996	1,552	375	1,177	1,509	482	1,027	214	813
Housing, urban renewal	1,804	365	1,439	62	1,378	1,153	(x)	1,153	54	1,099
Air transportation	923	146	777	137	641	696	30	666	130	535
Water transport[3]	658	341	317	84	233	596	331	265	68	197
Utilities	6,597	(x)	6,597	369	6,228	5,806	(x)	5,806	360	5,447
All other	7,095	1,467	5,627	1,304	4,324	4,342	462	3,880	908	2,973

X Not applicable. [1] Includes international relations. [2] Includes technology. [3] Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*; vol. 6, No. 4, *Historical Statistics on Government Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

NO. 488. ALL GOVERNMENTS—GROSS AND NET STOCK OF GOVERNMENT-OWNED FIXED CAPITAL AND GROSS CAPITAL FORMATION IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[In billions of dollars]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS										
All governments:										
Gross stock	500.9	651.4	1,003.3	1,351.0	1,560.9	1,699.8	1,814.5	2,010.5	2,250.6	2,581.0
Equipment	139.5	168.1	223.2	254.6	282.8	319.4	347.2	386.9	421.5	474.5
Structures	361.4	483.3	780.1	1,096.4	1,278.1	1,380.4	1,467.3	1,623.6	1,829.1	2,106.5
Net stock	306.1	404.2	627.4	845.9	977.1	1,056.9	1,120.6	1,233.2	1,375.5	1,564.6
Equipment	75.1	89.6	115.7	133.2	148.8	167.1	181.0	200.9	219.7	245.9
Structures	231.0	314.6	511.7	712.7	828.3	889.8	939.6	1,032.3	1,155.8	1,318.7
Gross fixed capital formation	16.6	26.4	33.2	38.6	45.8	47.8	46.0	45.7	53.8	57.4
Depreciation	8.5	10.9	17.2	22.7	27.2	31.1	32.7	35.5	40.0	45.4
Net fixed capital formation	8.1	15.5	16.0	15.9	18.6	16.7	13.3	10.2	13.8	12.0
State and local governments:										
Gross stock	275.9	378.6	636.8	909.0	1,072.9	1,162.9	1,238.4	1,377.6	1,562.3	1,793.5
Equipment	16.6	20.8	34.5	48.0	61.0	70.9	80.4	90.3	100.9	114.0
Structures	259.3	357.8	602.3	861.0	1,011.9	1,092.0	1,158.0	1,287.3	1,461.4	1,679.5
Net stock	176.3	247.7	426.8	605.5	711.8	766.9	810.8	894.1	1,005.4	1,143.2
Equipment	9.3	10.9	20.5	29.4	37.3	42.9	47.9	52.9	57.9	63.9
Structures	167.0	236.8	406.3	576.1	674.5	724.0	762.9	841.2	947.5	1,079.3
Gross fixed capital formation	14.3	21.4	29.8	34.7	41.2	42.5	40.4	39.6	46.6	49.4
Depreciation	5.9	7.8	12.9	17.7	21.6	24.7	26.1	28.4	32.4	36.9
Net fixed capital formation	8.4	13.6	16.9	17.0	19.6	17.8	14.3	11.2	14.2	12.5
CONSTANT (1972) DOLLARS										
State and local governments:										
Gross stock	445.0	554.7	698.0	773.8	799.7	823.1	843.2	861.0	879.8	895.5
Net stock	284.7	363.5	468.1	515.3	530.8	543.1	552.2	558.6	565.8	570.3
Gross fixed capital formation	22.9	31.6	33.8	32.4	33.0	30.9	28.5	26.3	27.9	26.5

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1980.

No. 489. Dependency of State and Local Governments on Outside Aid: 1960 to 1979

[In billions of dollars, except percent. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, est.
Federal aid to States	6.4	9.9	19.3	31.4	31.6	36.1	42.0	45.9	50.2	53.5
Percent of State general revenue from own sources	31.0	32.3	33.5	39.0	35.5	37.3	39.1	37.9	37.0	36.8
Direct Federal aid to local governments	.6	1.2	2.6	7.9	10.2	10.9	13.6	16.6	19.4	19.5
Percent of local general revenue from own sources	2.6	3.6	5.1	11.2	13.3	12.9	14.6	16.3	17.5	17.0
State aid to local governments [1]	10.1	15.2	29.5	47.9	54.8	62.0	69.7	76.9	84.1	90.4
Percent of local general revenue from own sources	44.1	46.9	57.5	67.9	71.3	73.5	74.8	75.4	75.9	78.0

[1] Includes indirect Federal aid passed through States. Such aid in 1979 is estimated to be approximately $16 billion.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, annual.*

No. 490. Federal Aid to State and Local Governments: 1965 to 1980

[In millions of dollars, except percent. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. Includes trust funds. See *Historical Statistics, Colonial Times to 1970,* series Y 638-651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1965	1970	1974	1975	1976	1977	1978	1979	1980, est.
Grant-in-aid shared revenue [1]	10,904	24,014	43,356	49,834	59,093	68,414	77,889	82,858	88,945
Natural resources and environment	182	429	1,994	2,436	3,026	4,189	3,898	4,630	4,821
Environmental Protection Agency	75	194	1,623	2,025	2,563	3,724	3,390	3,962	4,108
Energy	9	25	36	43	56	74	180	183	472
Agriculture	517	603	480	404	425	371	426	456	509
Transportation [1]	4,100	4,538	5,279	5,864	7,980	8,299	8,837	10,438	11,513
Airports	71	83	243	292	269	335	562	556	620
Highways	4,018	4,334	4,512	4,702	6,270	6,027	6,110	7,329	8,053
Railroads	-	-	-	(Z)	2	22	35	52	86
Urban mass transit	11	105	348	689	1,262	1,616	1,972	2,408	2,538
Community and regional development [1]	644	1,780	2,702	2,842	3,445	4,496	7,078	6,641	5,786
Appalachian development	-	184	286	306	315	246	257	297	296
Community development block grants	(X)	(X)	(X)	38	983	2,089	2,464	3,161	3,500
Urban renewal	280	1,054	1,205	1,374	1,166	899	392	298	260
Education, employ., training, social services [1]	1,050	6,390	9,345	12,133	14,141	15,753	20,557	22,249	21,865
Elementary and secondary education	81	1,470	1,665	2,276	2,159	2,340	2,801	3,114	3,387
School assistance in federally affected areas	341	622	530	577	558	719	706	858	737
Vocational and adult education	132	285	569	652	748	692	691	769	850
Library and learning resources	26	105	137	210	137	160	209	255	273
Work incentives	-	81	323	304	299	348	353	372	352
Human development	29	390	679	803	760	950	1,119	1,278	1,415
Employment and training assistance	23	421	1,137	2,504	2,853	2,940	4,251	5,397	6,163
Temporary employment assistance	(X)	(X)	(X)	319	1,887	2,340	4,769	3,285	1,926
Social services	-	574	1,471	2,047	2,252	2,534	2,809	3,091	3,108
Health [1]	624	3,850	7,322	8,810	10,914	12,104	12,725	14,377	16,209
Alcohol, drug abuse, and mental health	8	80	302	590	535	471	605	594	613
Medicaid	272	2,727	5,818	6,840	8,568	9,876	10,680	12,407	14,160
Income security [1]	3,506	5,819	8,633	9,395	10,948	12,663	13,782	14,740	18,364
Public assistance	2,787	4,142	5,423	5,121	5,849	6,351	6,616	6,584	7,005
Food stamps—Administration [2]	32	559	48	136	267	271	298	324	350
Child nutrition and special milk programs	263	379	793	1,565	1,878	2,775	2,526	2,862	3,306
Housing assistance	208	436	1,116	1,326	1,588	1,814	2,412	2,773	3,654
Administration of justice	-	42	639	725	795	713	572	517	473
General government	13	49	94	100	116	133	164	202	194
General purpose fiscal assistance	214	430	6,730	6,971	7,102	9,438	9,523	8,233	8,569
General revenue sharing	(X)	(X)	6,106	6,130	6,243	6,758	6,823	6,848	6,863
Percent distribution [1]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural resources and environment	1.7	1.8	4.6	4.9	5.1	6.1	5.0	5.6	5.4
Energy	.1	.1	.1	.1	.1	.1	.2	.2	.5
Agriculture	4.7	2.5	1.1	.8	.7	.5	.5	.6	.6
Transportation	37.6	18.9	12.2	11.7	13.5	12.1	11.3	12.6	12.9
Community and regional development	5.9	7.4	6.2	5.7	5.8	6.6	9.1	8.0	6.5
Education, employ., training, social services	9.6	26.6	21.6	24.3	23.9	23.0	26.4	26.9	24.6
Health	5.7	16.0	16.9	17.7	18.5	17.7	16.3	17.4	18.2
Income security	32.2	24.2	19.9	18.8	18.5	18.5	17.7	17.8	20.6
Administration of justice	-	.7	1.5	1.5	1.3	1.0	.7	.6	.5
General purpose fiscal assistance	2.0	1.8	15.5	14.0	12.0	13.8	12.2	9.9	9.6

- Represents zero. X Not applicable. Z Less than $500,000. [1] Includes items not shown separately. [2] *Estimated.*

Source: U.S. Office of Management and Budget, unpublished data.

NO. 491. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, TOTAL, 1970 TO 1979, AND BY STATES AND OTHER AREAS, 1979

[In millions of dollars, except per capita. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30]

YEAR AND STATE OR OTHER AREA	Total Federal aid [1]	Federal aid per capita [2] (dol.)	HEW [3]		DEPARTMENT OF—		OE, [5] elementary and secondary education	EPA, [6] waste treatment facilities construction	HUD [7]		ETA, CETA [8] program
			Public assistance, total [4]	Medicaid	Treasury, general revenue sharing	Transportation, highway fund			Low-rent public housing	Community development block grants	
1970, total	24,194	110	7,445	(x)	(x)	4,300	1,469.5	(NA)	434.5	(x)	420.1
1975, total	49,723	228	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1976, total	59,108	342	16,659	8,568	6,238	6,482	2,130.2	2,428.5	1,559.2	982.8	2,874.1
1977, total	68,437	305	18,750	9,860	6,758	6,005	2,339.1	3,529.6	1,984.3	2,088.8	2,939.7
1978, total	77,901	345	20,094	10,668	6,823	5,749	2,801.3	3,186.8	2,635.1	2,464.3	4,250.9
1979, total [9]	**82,853**	**367**	**22,094**	**12,411**	**6,848**	**6,762**	**3,114.0**	**3,756.1**	**2,773.0**	**3,161.2**	**5,398.0**
U.S	**80,800**	**367**	**21,821**	**12,378**	**6,848**	**6,722**	**3,061.2**	**3,722.7**	**2,708.5**	**3,073.1**	**5,249.7**
Ala	1,368	363	282	179	109	185	75.5	27.3	56.5	56.8	91.1
Alaska	389	958	34	15	22	75	15.5	4.5	11.1	3.0	10.0
Ariz	809	330	43	(x)	78	131	56.6	17.2	22.4	19.8	59.3
Ark	847	389	222	150	67	75	42.2	23.2	24.5	30.5	55.0
Calif	8,251	364	2,811	1,451	774	429	198.4	412.3	228.2	266.0	569.9
Colo	943	340	186	94	76	122	35.9	19.4	24.7	27.9	52.6
Conn	1,075	345	298	158	86	71	36.8	68.7	43.4	55.0	80.1
Del	233	400	44	21	21	24	12.0	8.1	9.0	7.6	14.9
D.C	1,139	1,736	141	75	30	8	49.2	11.4	26.3	64.2	32.0
Fla	2,398	271	417	224	202	246	93.1	126.3	88.5	102.0	239.9
Ga	2,181	426	413	281	150	267	200.0	63.4	81.1	64.1	127.5
Hawaii	408	446	98	44	34	55	14.9	8.3	14.6	11.8	20.7
Idaho	337	372	63	35	25	46	13.6	7.5	4.6	8.9	19.2
Ill	3,783	337	1,123	569	343	240	140.1	213.6	160.4	170.4	236.2
Ind	1,392	258	297	185	140	140	43.2	109.3	52.7	58.1	117.8
Iowa	878	303	201	110	82	122	40.0	34.5	16.0	29.5	48.1
Kans	723	305	160	91	60	89	29.3	32.4	18.8	36.6	39.5
Ky	1,350	383	335	189	111	185	50.5	43.0	41.5	45.3	101.5
La	1,513	377	400	266	149	117	69.8	26.1	47.7	54.6	87.1
Maine	508	463	157	96	45	55	14.1	25.2	15.4	13.6	29.5
Md	1,578	380	346	180	137	155	60.7	67.3	61.9	66.4	85.2
Mass	2,726	473	851	518	219	114	76.0	153.0	115.4	119.1	161.2
Mich	3,569	388	1,200	605	287	180	115.4	344.6	62.1	111.6	246.0
Minn	1,515	373	443	298	137	151	50.3	56.7	63.6	55.2	83.3
Miss	1,046	431	251	172	101	66	60.0	18.1	22.5	32.6	61.1
Mo	1,514	311	276	160	129	191	55.9	52.2	54.5	73.5	110.1
Mont	434	552	56	38	25	80	15.8	6.2	9.8	6.4	19.1
Nebr	475	302	107	62	42	50	35.4	17.9	14.3	12.8	26.6
Nev	277	395	32	19	17	60	10.0	27.0	9.8	5.7	16.9
N.H	293	330	64	39	23	34	12.8	35.1	9.2	7.0	17.3
N.J	2,716	370	767	366	224	128	80.4	187.1	128.9	110.8	211.4
N. Mex	617	497	95	50	44	78	34.2	8.6	13.9	18.0	30.9
N.Y	8,872	503	3,129	1,870	769	502	267.0	389.1	353.9	373.9	484.4
N.C	1,789	319	437	257	170	178	75.5	61.5	64.8	65.4	130.3
N. Dak	295	449	38	23	17	43	14.2	6.4	11.9	6.7	11.4
Ohio	3,071	286	829	411	279	246	90.8	220.9	122.7	145.3	245.8
Okla	949	328	279	177	73	75	36.9	32.9	40.9	37.5	57.1
Oreg	1,071	424	228	111	76	111	34.3	45.2	22.4	19.6	64.0
Pa	4,099	349	1,320	695	335	108	118.2	227.0	158.5	202.8	289.0
R.I	412	443	126	81	29	18	15.6	13.6	21.0	22.1	27.4
S.C	987	337	235	147	92	93	51.3	43.0	19.8	33.1	75.7
S. Dak	316	459	54	34	22	42	13.0	8.9	13.5	7.9	12.0
Tenn	1,507	344	361	244	126	143	59.5	43.1	59.2	64.1	104.3
Tex	3,592	268	920	636	337	312	192.3	87.2	113.3	156.1	265.3
Utah	456	334	105	63	41	65	12.2	10.6	5.8	12.2	24.1
Vt	242	491	71	42	20	22	9.3	15.6	6.1	4.1	12.4
Va	1,701	327	381	188	142	297	58.7	79.2	49.2	66.8	102.4
Wash	1,417	361	321	178	96	195	39.1	62.9	24.4	41.2	99.1
W. Va	772	411	138	66	63	121	24.3	31.4	16.3	21.8	44.5
Wis	1,725	365	618	403	159	141	104.9	86.6	49.0	44.4	93.5
Wyo	243	540	18	7	13	43	6.5	1.9	2.4	3.0	6.1
Puerto Rico	1,309	(NA)	114	30	-	19	44.8	28.0	55.8	73.8	137.5
Virgin Islands	229	(NA)	3	1	-	-	3.2	.7	4.8	3.2	4.8
Other [10]	281	(NA)	4	1	-	(Z)	4.9	4.7	3.8	3.6	6.1

- Represents zero. NA Not available. X Not applicable. Z Less than $500,000. [1] Includes amounts not shown separately. [2] Per capita for U.S. only; excludes funds paid to, and population residing in, Puerto Rico, Virgin Islands, and "Other areas". Based on Bureau of the Census estimated resident population as of July 1, including Armed Forces stationed in area. [3] Department of Health, Education, and Welfare (became Department of Health and Human Services in spring 1980). [4] Includes child support enforcement, maintenance assistance, social services, and State and local training not shown separately. [5] Office of Education (became the Department of Education in spring 1980). Because of slight differences in accounting, data in some years will not agree with that shown in table 490. [6] Environmental Protection Agency. [7] Department of Housing and Urban Development. [8] Employment and Training Administration, Comprehensive Employment and Training Act. [9] For some categories, total includes a small amount of funds not distributed by State or other area. [10] American Samoa, Guam, and Trust Territory of the Pacific Islands.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

NO. 492. STATE AND LOCAL GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1978

[In millions of dollars, except percent. Local government amounts are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	1960	1965	1970	1974	1975	1976	1977	1978	
								Total	Percent
Revenue	60,277	87,777	150,106	237,856	264,013	303,287	337,870	371,607	100.0
From Federal Government [1]	6,974	11,029	21,857	41,820	47,034	55,589	62,444	69,592	18.7
Public welfare	2,070	3,098	7,574	13,432	14,357	17,000	18,885	20,176	5.4
Highways	2,905	3,997	4,608	4,552	5,320	6,339	6,461	6,401	1.7
Education	950	1,677	5,844	7,867	9,078	9,871	10,347	11,445	3.1
Employment security administration	325	413	664	1,299	1,525	1,664	1,833	1,887	.5
Revenue sharing	(X)	(X)	(X)	6,516	6,245	6,252	6,614	6,810	1.8
Other and unallocable	724	1,844	3,167	8,154	10,509	14,463	18,298	22,873	6.2
From State and local sources	53,302	76,748	128,248	196,036	216,979	247,697	275,426	302,014	81.3
General, net intergovernmental	43,530	62,971	108,898	165,850	181,137	200,586	222,712	246,366	66.3
Taxes	36,117	51,243	86,795	130,673	141,465	156,813	175,936	193,642	52.1
Property	16,405	22,583	34,054	47,705	51,491	57,001	62,527	66,422	17.9
Sales and gross receipts	11,649	17,118	30,322	46,098	49,815	54,547	60,641	67,596	18.2
Individual income	2,463	4,090	10,812	19,491	21,454	24,575	29,246	33,176	8.9
Corporation income	1,180	1,929	3,738	6,015	6,642	7,273	9,174	10,738	2.9
Other	4,220	5,521	7,868	11,364	12,063	13,417	14,348	15,709	4.2
Charges and miscellaneous	7,414	11,729	22,103	35,177	39,668	43,774	46,776	52,726	14.2
Utility and liquor stores	4,877	6,355	8,614	11,747	13,335	15,126	17,541	20,011	5.4
Water supply system	1,529	2,004	2,687	3,712	4,142	4,463	4,995	5,512	1.5
Electric power system	1,307	1,833	2,385	3,763	4,689	5,819	7,142	8,675	2.3
Transit system	581	776	1,135	1,366	1,411	1,566	1,991	2,056	.6
Gas supply system	196	295	401	551	625	725	862	1,009	.3
Liquor stores	1,264	1,447	2,006	2,355	2,468	2,553	2,550	2,759	.7
Insurance trust revenue [2]	4,896	7,422	10,736	18,439	22,507	31,985	35,172	35,635	9.6
Employee retirement	2,099	3,423	6,493	10,900	12,364	14,533	17,166	19,025	5.1
Unemployment compensation	2,323	3,244	3,101	5,729	8,155	15,183	15,296	13,158	3.5
Direct expenditure	60,999	86,686	148,052	225,691	268,241	303,049	323,168	345,313	100.0
By function:									
Direct general expenditure [2]	51,876	74,678	131,332	198,618	229,747	255,550	272,829	295,510	85.5
Education [2]	18,719	28,563	52,718	75,833	87,858	97,216	102,780	110,758	32.1
Higher education [3]	3,202	5,863	12,924	18,884	21,702	24,304	25,972	28,391	8.2
Local schools	15,166	21,966	37,461	53,059	61,465	67,674	71,546	76,703	22.2
Highways	9,428	12,221	16,427	19,946	22,528	23,907	23,058	24,609	7.1
Public welfare	4,404	6,315	14,679	24,744	27,181	31,423	34,529	37,679	10.9
Health	559	836	1,806	3,452	4,414	4,960	5,497	6,303	1.8
Hospitals	3,235	4,525	7,863	12,493	14,432	15,726	17,542	18,648	5.4
Police protection	1,857	2,549	4,494	7,289	8,526	9,531	10,445	12,877	3.7
Fire protection	995	1,306	2,024	3,037	3,522	3,898	4,412	4,802	1.4
Natural resources	1,189	1,861	2,732	3,661	4,223	4,662	4,049	4,225	1.2
Sanitation and sewerage	1,727	2,360	3,413	5,995	7,438	8,239	9,426	9,869	2.9
Housing and urban renewal	858	1,250	2,138	3,461	3,460	3,151	3,387	7,142	2.1
Parks and recreation	770	1,104	1,888	2,951	3,462	3,864	4,916	5,270	1.5
Financial administration	2,113	1,267	2,030	3,165	3,594	3,960	4,489	5,292	1.5
General control		1,506	2,652	4,371	5,046	5,711	6,258	7,001	2.0
Interest on general debt [4]	1,670	2,499	4,374	7,666	8,782	10,269	11,234	11,983	3.5
Utility and liquor stores [4]	5,088	7,058	9,447	14,406	17,285	19,542	24,191	26,277	7.6
Water supply system	1,881	2,505	3,211	4,669	5,440	5,929	6,381	6,886	2.0
Electric power system	1,244	1,983	2,486	4,152	5,280	6,429	9,313	10,567	3.1
Transit system	750	1,127	1,753	3,161	3,977	4,432	5,598	5,573	1.6
Gas supply system	191	272	370	505	580	661	803	915	.3
Liquor stores	1,022	1,172	1,627	1,919	2,009	2,091	2,096	2,317	.7
Insurance trust expenditure [2]	4,031	4,950	7,273	12,667	21,209	27,954	26,149	23,526	6.8
Employee retirement	1,265	2,298	3,629	6,639	7,443	8,422	9,567	10,774	3.1
Unemployment compensation	2,364	2,008	2,723	4,703	12,311	17,903	14,697	10,740	3.1
By character and object:									
Current operation	36,318	54,062	97,915	154,810	180,976	204,387	225,650	249,222	72.2
Capital outlay	15,104	20,535	29,650	38,084	44,824	46,531	45,154	44,769	13.0
Construction	12,352	16,413	24,252	30,542	36,356	38,299	36,334	36,199	10.5
Land and existing structures [5]	1,560	2,471	2,631	3,350	3,367	2,857	} 8,820	8,569	2.5
Equipment [5]	1,192	1,652	2,768	4,192	5,101	5,375			
Assistance and subsidies	3,518	4,127	8,090	11,290	11,146	12,494	13,077	13,753	4.0
Interest on debt (gen. and util.)	2,028	3,012	5,123	8,840	10,087	11,681	13,137	14,044	4.1
Insur. benefits and repayments	4,031	4,950	7,273	12,667	21,209	27,954	26,149	23,525	6.8
Expenditure for salaries and wages	24,445	36,095	62,998	94,054	106,168	116,466	126,330	137,703	39.9
Debt outstanding, end of year	69,955	99,512	143,570	206,616	219,926	240,532	259,658	280,433	100.0
Long-term	66,801	94,204	131,415	189,953	200,140	221,754	246,816	268,003	95.9
Short-term	3,154	5,309	12,155	16,663	19,786	18,777	12,842	11,430	4.1
Net change, end of year	5,845	7,290	10,022	18,131	14,608	19,314	15,542	21,311	(X)

X Not applicable. [1] Beginning 1974, based on estimates; prior years based on Federal expenditures. [2] Includes amounts not shown separately. [3] State institutions. [4] Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below. [5] See footnote 4, table 481.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 493. State and Local Government Receipts and Expenditures in the National Income Accounts: 1960 to 1979

[**In billions of dollars.** Includes trust accounts transactions. For national income explanation, see text, p. 435]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Receipts	**49.9**	**75.1**	**134.9**	**193.5**	**210.4**	**236.9**	**268.0**	**298.8**	**331.0**	**354.6**
General, own source	39.9	59.0	101.5	140.8	152.6	165.9	187.2	207.7	226.6	243.7
Personal tax and nontax receipts [1]	6.7	10.9	23.1	36.1	39.2	43.4	49.9	56.8	64.1	69.9
Income taxes	2.5	4.4	11.1	19.1	20.6	22.8	26.7	30.9	35.5	37.8
Nontaxes	2.0	3.5	7.7	11.5	12.8	14.5	16.4	18.5	20.8	23.7
Corporate profits tax accruals	1.2	2.0	3.7	5.7	6.5	7.1	9.3	10.9	12.5	14.4
Indirect business tax and nontax accruals [1]	32.0	46.1	74.7	99.0	106.9	115.4	128.0	140.0	150.0	159.5
Sales taxes	12.2	18.2	31.5	44.0	48.0	51.5	57.8	63.9	71.3	78.1
Property taxes	16.2	23.2	36.5	46.0	48.7	52.8	57.9	62.4	63.2	63.9
Contributions for social insurance	3.4	5.0	9.0	12.1	13.9	16.4	19.7	23.6	27.1	30.5
Federal grants-in-aid	6.5	11.1	24.4	40.6	43.9	54.6	61.1	67.5	77.3	80.4
Expenditures [2]	**49.8**	**75.1**	**132.2**	**180.5**	**202.8**	**230.6**	**250.1**	**271.9**	**303.6**	**330.0**
Purchases of goods and services [1]	46.5	71.1	123.2	167.3	191.5	215.4	231.6	251.8	283.0	309.8
Compensation of employees	25.5	39.3	70.0	97.1	106.5	119.6	131.2	143.7	157.8	171.4
Structures	12.3	18.4	25.1	28.4	33.8	34.7	32.3	31.1	37.6	40.0
Medical vendor payments	.4	1.2	4.9	8.3	9.9	12.4	14.2	15.5	17.2	19.2
Transfer payments to persons [1]	5.4	7.3	14.6	20.3	20.5	24.5	27.4	30.2	33.3	36.2
Social insurance fund benefits	1.8	2.8	4.8	7.1	8.2	9.6	11.1	12.8	14.4	16.5
Direct relief	3.3	4.0	8.4	11.3	10.0	11.9	12.8	13.5	13.6	14.0
Net interest and subsidies [3]	−2.1	−3.3	−5.6	−7.3	−9.1	−9.3	−8.9	−10.0	−12.6	−16.2
Surplus	**.1**	**-**	**2.8**	**13.0**	**7.6**	**6.2**	**17.9**	**26.8**	**27.4**	**24.7**

- Represents zero. [1] Includes other items not shown separately. [2] Include wage accruals less disbursements of −$20 million in 1973, $175 million in 1978, and −$135 million in 1979, not shown separately.
[3] Less current surplus of government enterprises.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74,* and *Survey of Current Business,* July 1977 and 1979, and March 1980, and unpublished data.

No. 494. State and Local Governments—General Revenues and Direct General Expenditures: 1960 to 1978

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. *See Historical Statistics, Colonial Times to 1970,* series Y 652–709, for totals]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
General revenue (bil. dol.)	**50.5**	**74.0**	**130.8**	**167.5**	**190.2**	**207.7**	**228.2**	**256.2**	**285.2**	**316.0**
Percent of total:										
From Federal Government	13.8	14.9	16.7	18.7	20.6	20.1	20.6	21.7	21.9	22.0
Taxes	71.5	69.2	66.4	65.4	63.7	62.9	62.0	61.2	61.7	61.3
Property	32.5	30.5	26.0	25.3	23.8	23.0	22.6	22.3	21.9	21.0
Sales and gross receipts	23.5	23.1	23.2	22.5	22.1	22.2	21.8	21.3	21.3	21.4
Individual income	4.9	5.5	8.3	9.2	9.5	9.4	9.4	9.6	10.3	10.5
Other	10.7	10.1	8.9	8.4	8.3	8.4	8.2	8.1	8.2	8.4
Charges and miscellaneous	14.7	15.9	16.9	15.9	15.7	16.9	17.4	17.1	16.4	16.7
Per capita, total [1] (dol.)	**281**	**382**	**643**	**805**	**906**	**983**	**1,071**	**1,193**	**1,318**	**1,449**
From Federal Government	39	57	108	151	187	198	221	259	289	319
Taxes	201	264	427	526	577	618	664	731	813	888
Property tax	91	117	168	206	216	226	242	266	289	305
Charges and miscellaneous	41	61	109	128	142	166	186	204	216	242
Direct gen'l expenditure (bil. dol.)	**51.9**	**74.7**	**131.3**	**168.5**	**181.4**	**198.6**	**229.7**	**255.6**	**272.8**	**295.5**
Percent of total:										
Education	36.1	38.2	40.1	39.1	38.5	38.2	38.2	38.0	37.7	37.5
Highways	18.2	16.4	12.5	11.3	10.3	10.0	9.8	9.4	8.5	8.3
Public welfare	8.5	8.5	11.2	12.5	13.0	12.5	11.8	12.3	12.7	12.8
Health and hospitals	7.5	7.2	7.4	7.7	7.6	8.0	8.2	8.1	8.4	8.4
Police protection and correction	3.6	4.7	4.7	4.8	5.1	5.1	5.2	5.2	5.4	5.5
Natural resources	2.3	2.5	2.1	1.9	1.8	1.8	1.8	1.8	1.5	1.4
Sanitation and sewerage	3.3	3.2	2.6	2.8	2.9	3.0	3.2	3.2	3.3	3.3
Housing and urban renewal	1.7	1.7	1.6	1.7	1.7	1.7	1.5	1.2	1.2	1.3
Interest on general debt	3.2	3.3	3.3	3.6	3.7	3.9	3.8	4.0	4.1	4.1
Per capita, total [1] (dol.)	**288**	**385**	**646**	**809**	**864**	**940**	**1,087**	**1,191**	**1,261**	**1,355**
Education	104	147	259	316	332	359	416	453	475	508
Highways	52	63	81	91	89	94	107	111	107	113
Public welfare	24	33	72	101	112	117	129	146	160	173
Health and hospitals	21	28	48	63	66	75	89	96	104	114
Police protection and correction	10	18	30	39	44	48	56	62	68	75
Natural resources	7	9	13	15	16	17	20	22	19	23
Sanitation and sewerage	10	12	17	23	25	28	35	38	41	45
Housing and urban renewal	5	6	11	13	15	16	16	15	16	17
Interest on general debt	9	13	22	29	32	36	42	48	52	55
All other [2]	45	56	94	119	133	148	177	199	219	232

[1] See footnote 4, table 480. [2] Fire protection, financial administration, general control and miscellaneous.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 6, No. 4, *Historical Statistics on Government Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

No. 495. State and Local Governments—Total General Revenue, 1975 to 1978, and Origin and Allocation, 1978, by States

millions of dollars. Local government amounts are estimates subject to sampling variation: see source and Appendix III

State	Total general revenue			Originating level, 1978[1]			Final recipient level, 1978[2]		Revenue from own sources, 1978		
									Taxes		Charges and miscellaneous
	1975	1977	1978	Federal	State	Local	State	Local	Total	Property	
U.S.	[3]228,195	285,157	315,960	69,592	135,638	110,730	124,439	191,521	193,642	66,422	52,726
Ala	2,989	3,856	4,225	1,156	1,982	1,087	2,152	2,073	2,118	258	951
Alaska	807	1,519	1,532	346	851	335	931	601	754	326	432
Ariz	2,276	2,927	3,328	659	1,533	1,136	1,250	2,078	2,134	802	535
Ark	1,607	1,991	2,333	708	1,067	558	1,204	1,130	1,209	258	416
Calif	27,870	36,324	41,560	8,312	17,091	16,157	13,997	27,563	27,365	11,011	5,883
Colo	2,814	3,640	4,021	860	1,585	1,577	1,542	2,479	2,354	842	808
Conn	3,130	4,013	4,324	853	1,899	1,573	2,062	2,263	2,916	1,352	556
Del	695	855	989	247	573	170	580	410	550	85	193
D.C	[3]1,398	2,025	2,107	1,122	(x)	985	(x)	2,107	847	198	138
Fla	7,348	9,087	10,357	2,131	4,233	3,993	3,352	7,005	6,011	1,961	2,215
Ga	4,617	5,669	6,389	1,676	2,501	2,212	2,770	3,619	3,419	985	1,294
Hawaii	1,242	1,573	1,674	478	959	237	1,296	378	950	155	246
Idaho	768	980	1,122	289	509	323	555	566	615	188	217
Ill	12,002	14,353	15,299	2,905	6,611	5,783	6,090	9,209	10,310	3,658	2,084
Ind	4,831	5,474	6,096	1,136	3,023	1,937	2,476	3,620	3,798	1,315	1,161
Iowa	2,941	3,563	3,843	790	1,713	1,339	1,455	2,387	2,300	879	752
Kans	2,201	2,778	3,071	563	1,281	1,227	1,300	1,771	1,873	785	635
Ky	3,036	3,673	4,064	1,067	2,210	788	2,330	1,735	2,315	422	682
La	3,765	4,669	5,326	1,352	2,615	1,359	2,620	2,706	2,841	387	1,133
Maine	1,004	1,240	1,433	410	664	359	772	661	827	316	196
Md	4,694	5,867	6,691	1,454	3,021	2,216	2,710	3,981	4,080	1,164	1,157
Mass	6,826	8,666	9,681	2,311	3,866	3,503	4,430	5,251	6,340	3,014	1,029
Mich	10,339	13,036	14,462	3,131	6,557	4,794	5,902	8,560	8,811	3,199	2,540
Minn	4,870	5,958	6,593	1,304	3,283	2,006	2,489	4,104	4,014	1,206	1,276
Miss	2,009	2,493	2,861	849	1,317	695	1,366	1,495	1,415	308	597
Mo	3,996	4,861	5,330	1,325	2,050	1,954	2,163	3,166	3,174	948	830
Mont	842	1,076	1,224	366	439	419	541	682	641	309	217
Nebr	1,522	2,007	2,155	411	836	908	927	1,229	1,274	547	470
Nev	763	931	1,145	247	442	456	444	702	663	208	236
N.H	706	881	987	247	343	397	467	520	583	343	157
N.J	7,914	10,232	10,811	2,032	4,277	4,503	3,944	6,868	7,276	3,494	1,504
N. Mex	1,264	1,555	1,879	509	1,092	278	1,021	857	925	149	445
N.Y	27,992	33,638	35,174	7,086	12,683	15,406	8,517	26,658	23,219	8,365	4,869
N.C	4,600	5,745	6,153	1,603	3,046	1,504	2,563	3,590	3,584	837	966
N. Dak	751	924	986	246	486	254	540	446	470	156	269
Ohio	9,361	11,249	12,509	2,595	5,104	4,810	4,242	8,268	7,530	2,653	2,385
Okla	2,457	3,112	3,491	864	1,709	917	1,775	1,716	1,901	386	726
Oreg	2,722	3,516	4,013	1,054	1,587	1,372	1,660	2,353	2,131	886	829
Pa	11,528	13,978	15,625	3,439	7,109	5,078	6,961	8,664	10,126	2,616	2,061
R.I	961	1,250	1,347	359	623	365	745	602	793	337	195
S.C	2,321	2,828	3,302	851	1,617	834	1,765	1,537	1,795	406	656
S. Dak	689	817	905	251	343	312	474	432	471	222	183
Tenn	3,409	4,327	4,867	1,255	2,006	1,606	2,118	2,749	2,672	640	940
Texas	10,610	13,749	15,421	3,038	6,784	5,599	6,434	8,986	9,206	3,289	3,177
Utah	1,145	1,518	1,757	467	807	484	856	901	951	269	339
Vt	572	687	754	239	316	199	465	289	408	172	107
Va	4,615	5,696	6,501	1,500	3,016	1,985	3,176	3,325	3,895	1,092	1,106
Wash	4,139	5,248	5,919	1,186	2,863	1,870	2,634	3,285	3,506	1,081	1,227
W. Va	1,691	2,014	2,258	657	1,157	445	1,261	998	1,256	224	345
Wis	5,072	6,326	7,145	1,433	3,586	2,126	2,679	4,466	4,539	1,525	1,173
Wyo	519	763	904	226	377	302	440	464	490	198	188

X Not applicable. [1]Before intergovernmental transfers. [2]After intergovernmental transfers. [3]Changes made in figures for D.C. were not carried to total.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*, and *Governmental Finances*, series GF No. 5, annual.

NO. 496. STATE AND LOCAL GOVERNMENTS—PERCENT OF GENERAL REVENUE, BY ORIGIN, AND ALLOCATION AND GENERAL REVENUE PER CAPITA, BY STATES: 1978

[Estimates subject to sampling variation; see source and Appendix III]

STATE	PERCENT GENERAL REVENUE					REVENUE PER CAPITA[1] (dollars)					Revenue per $1,000 of personal income (dol.)
	Originating from—			Final recipient		Total	From Federal Govern-ment	From own sources			
								Taxes		Charges and miscella-neous	
	Federal	State	Local	State	Local			Total	Property		
U.S	**22.0**	**42.9**	**35.0**	**39.4**	**60.6**	**1,449**	**319**	**888**	**305**	**242**	**208**
Ala	27.4	46.9	25.7	50.9	49.1	1,129	309	566	69	254	204
Alaska	22.6	55.6	21.9	60.8	39.2	3,802	859	1,871	808	1,072	355
Ariz	19.8	46.1	34.1	37.5	62.5	1,414	280	907	341	227	223
Ark	30.4	45.7	23.9	51.6	48.4	1,067	324	553	118	190	196
Calif	20.0	41.1	38.9	33.7	66.3	1,864	373	1,227	494	264	240
Colo	21.4	39.4	39.2	38.4	61.6	1,506	322	882	315	302	214
Conn	19.7	43.9	36.4	47.7	52.3	1,395	275	941	436	179	173
Del	24.9	57.9	17.2	58.6	41.4	1,697	423	943	146	330	221
D.C	53.3	(x)	46.7	(x)	100.0	3,099	1,651	1,245	291	203	339
Fla	20.6	40.9	38.6	32.4	67.6	1,205	248	699	228	258	183
Ga	26.2	39.1	34.6	43.4	56.6	1,256	330	672	194	255	210
Hawaii	28.6	57.3	14.1	77.4	22.6	1,866	533	1,059	173	274	247
Idaho	25.8	45.4	28.8	49.5	50.5	1,277	329	701	215	247	219
Ill	19.0	43.2	37.8	39.8	60.2	1,351	258	917	325	185	175
Ind	18.6	49.6	31.8	40.6	59.4	1,134	211	707	245	216	165
Iowa	20.6	44.6	34.9	37.9	62.1	1,327	273	794	303	260	194
Kans	18.3	41.7	40.0	42.3	57.7	1,308	240	798	334	270	185
Ky	26.2	54.4	19.4	57.3	42.7	1,162	305	662	121	195	198
La	25.4	49.1	25.5	49.2	50.8	1,343	341	716	98	286	230
Maine	28.6	46.3	25.0	53.9	46.1	1,314	376	758	290	180	230
Md	21.7	45.2	33.1	40.5	59.5	1,615	351	985	281	279	213
Mass	23.9	39.9	36.2	45.8	54.2	1,677	400	1,098	522	178	231
Mich	21.6	45.3	33.1	40.8	59.2	1,576	341	959	348	276	208
Minn	19.8	49.8	30.4	37.7	62.3	1,645	325	1,001	301	318	233
Miss	29.7	46.0	24.3	47.7	52.3	1,190	353	589	128	248	238
Mo	24.9	38.5	36.7	40.6	59.4	1,097	273	653	195	171	167
Mont	29.9	35.8	34.3	44.2	55.8	1,559	466	817	393	276	263
Nebr	19.1	38.8	42.2	43.0	57.0	1,377	263	814	350	300	205
Nev	21.6	38.6	39.8	38.7	61.3	1,735	374	1,004	315	357	226
N.H	25.0	34.8	40.2	47.3	52.7	1,133	283	669	394	180	178
N.J	18.8	39.6	41.6	36.5	63.5	1,476	277	993	477	205	185
N. Mex	27.1	58.1	14.8	54.4	45.6	1,550	420	763	123	367	270
N.Y	20.1	36.1	43.8	24.2	75.8	1,982	399	1,308	471	274	260
N.C	26.1	49.5	24.4	41.7	58.3	1,103	287	643	150	173	188
N. Dak	25.0	49.3	25.7	54.7	45.3	1,512	378	721	240	413	244
Ohio	20.7	40.8	38.5	33.9	66.1	1,164	241	701	247	222	165
Okla	24.8	49.0	26.3	50.8	49.2	1,212	300	660	134	252	196
Oreg	26.3	39.5	34.2	41.4	58.6	1,642	431	872	362	339	241
Pa	22.0	45.5	32.5	44.6	55.4	1,330	293	862	223	175	189
R.I	26.6	46.3	27.1	55.3	44.7	1,441	384	848	361	209	213
S.C	25.8	49.0	25.3	53.5	46.5	1,132	292	615	139	225	204
S. Dak	27.7	37.9	34.4	52.3	47.7	1,312	363	683	322	266	221
Tenn	25.8	41.2	33.0	43.5	56.5	1,117	288	613	147	216	196
Texas	19.7	44.0	36.3	41.7	58.3	1,185	293	707	253	242	177
Utah	26.6	45.9	27.5	48.7	51.3	1,344	357	728	206	259	234
Vt	31.7	41.9	26.3	61.7	38.3	1,548	491	837	353	220	268
Va	23.1	46.4	30.5	46.9	53.1	1,263	291	757	212	215	184
Wash	20.0	48.4	31.6	44.5	55.5	1,568	314	929	286	325	215
W. Va	29.1	51.2	19.7	55.8	44.2	1,214	353	675	120	186	203
Wis	20.1	50.2	29.8	37.5	62.5	1,527	306	970	326	251	223
Wyo	25.0	41.7	33.4	48.7	51.3	2,132	532	1,156	466	444	294

X Not applicable. [1] Based on estimated population as of July 1, 1978.

Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF78, No. 5.

No. 497. State and Local Governments—Direct General Expenditure, by States: 1978

State	Expenditure (mil. dol.)						Expenditure per capita[1] (dollars)					
	Total	Education	Highways	Public welfare	Health, hospitals	All other	Total	Education	Highways	Public welfare	Health, hospitals	All other
U.S.	**295,510**	**110,758**	**24,609**	**37,679**	**24,951**	**97,513**	**1,355**	**508**	**113**	**173**	**114**	**447**
Ala	4,109	1,664	469	383	519	1,074	1,098	446	125	102	139	286
Alaska	1,488	452	191	73	50	722	3,693	1,120	475	180	125	1,793
Ariz	3,166	1,366	328	123	238	1,109	1,345	581	139	52	101	472
Ark	2,098	818	277	275	215	513	960	374	127	126	98	235
Calif	36,874	13,700	1,769	5,945	2,771	12,689	1,654	615	79	267	124	569
Colo	3,721	1,594	358	369	296	1,104	1,393	597	134	138	111	413
Conn	4,026	1,448	279	514	244	1,541	1,299	467	90	166	79	497
Del	863	358	63	82	41	319	1,480	614	108	141	71	546
D.C.	1,623	325	56	285	139	818	2,387	477	82	419	204	1,205
Fla	10,043	3,765	795	529	1,172	3,782	1,169	438	92	62	136	441
Ga	5,760	1,975	640	567	892	1,686	1,133	388	126	112	176	331
Hawaii	1,687	485	104	210	112	776	1,881	541	116	235	124	865
Idaho	1,074	409	160	89	93	323	1,224	465	182	101	106	370
Ill	14,798	5,670	1,150	2,197	890	4,891	1,316	504	102	195	79	436
Ind	5,321	2,385	482	514	561	1,379	990	444	90	96	104	256
Iowa	3,828	1,572	565	408	342	941	1,322	543	195	141	118	325
Kans	3,022	1,214	355	300	328	825	1,287	517	151	128	140	351
Ky	3,842	1,420	568	471	253	1,130	1,098	406	162	135	72	323
La	5,018	1,755	635	483	515	1,630	1,265	442	160	122	130	411
Maine	1,331	475	169	205	66	416	1,220	435	155	188	61	381
Md	6,375	2,409	496	602	464	2,404	1,539	581	120	145	112	581
Mass	8,628	2,748	597	1,436	667	3,180	1,494	476	103	249	116	550
Mich	13,691	5,398	863	2,076	1,155	4,199	1,490	587	94	226	126	457
Minn	6,197	2,316	663	889	468	1,861	1,546	578	165	222	117	464
Miss	2,638	1,016	338	296	325	663	1,097	423	140	123	135	276
Mo	4,830	1,894	526	499	512	1,399	994	390	108	103	105	288
Mont	1,189	504	187	89	73	336	1,515	641	238	114	93	429
Nebr	1,971	788	278	168	173	564	1,259	504	178	108	110	359
Nev	1,083	322	135	63	132	431	1,641	488	204	96	200	653
N.H	979	347	150	119	61	302	1,125	398	172	137	69	349
N.J	10,274	3,696	579	1,329	569	4,101	1,402	504	79	181	78	560
N. Mex	1,589	715	188	114	112	460	1,311	590	155	94	92	380
N.Y	32,737	10,132	1,681	5,256	3,006	12,662	1,845	571	95	296	169	714
N.C	6,005	2,592	622	478	594	1,719	1,077	465	112	86	106	308
N. Dak	909	361	142	68	35	303	1,394	554	218	103	53	466
Ohio	12,731	4,892	1,013	1,595	1,193	4,038	1,184	455	94	148	111	376
Okla	3,119	1,250	325	403	267	874	1,083	434	113	140	93	303
Oreg	3,926	1,507	317	433	247	1,422	1,606	617	130	177	101	581
Pa	14,747	5,088	1,122	2,851	941	4,745	1,255	433	95	243	80	404
R.I	1,312	453	65	232	110	452	1,403	484	69	248	118	484
S.C	3,062	1,298	208	283	448	825	1,049	445	71	97	153	283
S. Dak	877	327	146	81	58	265	1,271	474	211	117	83	386
Tenn	4,744	1,762	517	485	527	1,453	1,089	404	119	111	121	334
Texas	14,477	6,482	1,399	1,198	1,353	4,045	1,112	498	107	92	104	311
Utah	1,694	812	156	157	103	466	1,296	621	119	120	79	357
Vt	682	259	87	84	40	212	1,401	533	178	172	81	437
Va	6,035	2,377	760	584	525	1,789	1,172	462	148	113	102	347
Wash	5,716	2,348	515	562	298	1,993	1,514	622	136	149	79	528
W. Va	2,287	849	393	205	166	674	1,230	457	211	110	89	363
Wis	6,563	2,663	609	996	523	1,772	1,403	569	130	213	112	379
Wyo	753	306	120	30	71	226	1,776	720	284	70	166	536

[1] Based on estimated resident population as of July 1, 1978.

Source: U.S. Bureau of the Census, *Governmental Finances in 1977-78*, series GF78, No. 5.

No. 498. New Issues of State and Local Government Securities: 1970 to 1979

(In billions of dollars)

Item	1970	1972	1973	1974	1975	1976	1977	1978	1979
All issues, new capital and refunding	[1] 18.2	[1] 23.7	[1] 24.0	[1] 24.3	[2] 30.6	[2] 35.3	[2] 46.8	[2] 48.6	[2] 43.5
General obligations	11.9	13.3	12.3	13.6	16.0	18.0	18.0	17.9	12.1
Revenue	6.1	9.3	10.6	10.2	14.5	17.1	28.7	30.7	31.3
Type of issuer: State	4.2	5.0	4.2	4.8	7.4	7.1	6.4	6.6	4.4
Special district and statutory authority	5.6	9.5	9.5	8.6	12.4	15.3	21.7	24.2	23.4
Municipalities, counties, townships[3]	8.4	9.2	10.2	10.8	10.7	12.8	16.6	17.7	15.6
Issues for new capital, total	18.1	22.1	22.4	23.5	29.5	32.1	36.2	37.6	41.5

[1] Includes U.S. bonds and U.S. Govt. loans. [2] Includes U.S. Govt. loans. [3] Includes school districts.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*, and *Federal Reserve Bulletin*, monthly.

NO. 499. STATE AND LOCAL GOVERNMENTS—INDEBTEDNESS AND DEBT TRANSACTIONS: 1970 TO 1978

[In billions of dollars, except per capita. Local government amounts are estimates subject to sampling variation; see source. See *Historical Statistics, Colonial Times to 1970,* series Y 680, Y 747, and Y 794, for debt outstanding]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita [1] (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities [2]	All other				
1970: Total	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1976: Total	240.5	1,121	41.1	30.8	149.9	18.8	195.7	31.7	11.3
State	84.8	395	4.0	(NA)	74.8	6.0	62.9	13.9	3.0
Local	155.7	725	37.0	30.8	75.1	12.8	132.8	17.8	8.4
1977: Total	259.7	1,200	38.0	40.2	168.5	12.8	214.9	34.4	13.6
State	90.2	417	4.0	3.3	79.9	3.0	67.6	12.4	4.0
Local	169.5	783	33.9	36.8	88.7	9.8	147.3	22.0	9.5
1978: Total	280.4	1,286	33.0	42.4	193.6	11.4	225.2	40.0	16.7
State	102.6	472	4.1	3.7	91.9	2.9	72.1	17.0	5.9
Local	177.9	814	28.9	38.7	101.7	8.5	153.1	23.0	10.8

NA Not available. [1] Based on estimated resident population as of July 1. [2] Beginning 1977, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances,* series GF No. 5, annual, and unpublished data.

NO. 500. STATE AND LOCAL GOVERNMENTS—DEBT OUTSTANDING, BY STATES: 1970 to 1978

[As of end of fiscal year]

STATE	TOTAL DEBT (mil. dol.)			PER CAPITA [1] (dol.)			STATE	TOTAL DEBT (mil. dol.)			PER CAPITA [1] (dol.)		
	1970	1975	1978	1970	1975	1978		1970	1975	1978	1970	1975	1978
U.S	[2] 143,570	219,926	280,433	704	1,032	1,286	Mo	2,269	2,818	3,262	485	592	671
							Mont	237	394	619	342	527	789
Ala	2,529	2,844	3,714	734	787	993	Nebr	1,347	2,322	3,746	908	1,502	2,394
Alaska	422	1,230	3,194	1,395	3,493	7,925	Nev	362	596	890	740	1,007	1,348
Ariz	944	2,054	3,469	533	923	1,474	N.H	358	608	795	485	743	913
Ark	1,005	1,089	1,301	523	514	595	N.J	5,016	8,840	9,939	700	1,208	1,356
Calif	15,850	20,079	20,585	794	948	923							
							N. Mex	424	649	1,294	417	566	1,068
Colo	1,178	1,943	2,541	533	767	952	N.Y	23,805	39,111	48,600	1,305	2,158	2,738
Conn	3,427	4,848	5,196	1,130	1,566	1,677	N.C	1,741	2,327	2,737	342	427	491
Del	727	973	1,165	1,326	1,680	1,998	N. Dak	224	283	661	362	445	1,013
D.C	597	2,316	2,578	789	3,235	3,791	Ohio	5,852	8,119	9,323	549	755	867
Fla	3,743	6,553	9,293	551	784	1,081							
							Okla	1,621	2,282	2,583	633	842	897
Ga	2,600	3,762	5,236	567	764	1,030	Oreg	1,343	2,899	4,839	642	1,267	1,980
Hawaii	783	1,452	2,090	1,017	1,678	2,330	Pa	9,065	14,644	16,219	769	1,238	1,380
Idaho	200	252	357	281	307	406	R.I	758	921	1,371	798	994	1,467
Ill	6,706	8,961	12,849	603	804	1,143	S.C	861	1,889	3,160	333	670	1,083
Ind	[2] 2,077	2,663	3,087	400	501	574							
							S. Dak	136	195	647	203	285	938
Iowa	1,047	1,306	1,532	371	455	529	Tenn	2,589	3,780	5,273	660	902	1,210
Kans	1,162	1,828	2,919	517	806	1,243	Texas	7,025	11,213	15,364	627	916	1,181
Ky	2,630	3,855	5,294	817	1,135	1,513	Utah	597	549	913	564	455	699
La	3,087	3,995	5,239	847	1,054	1,321	Vt	312	628	643	701	1,334	1,320
Maine	443	786	1,221	446	742	1,119							
							Va	2,239	3,659	4,464	482	737	867
Md	3,321	5,076	7,354	847	1,239	1,775	Wash	4,321	6,355	9,808	1,268	1,793	2,599
Mass	4,158	7,700	8,894	731	1,321	1,540	W. Va	851	1,572	2,016	488	872	1,084
Mich	5,163	8,480	9,346	582	926	1,017	Wis	2,365	3,152	4,349	535	684	929
Minn	2,618	4,182	5,520	688	1,065	1,377	Wyo	229	382	608	688	1,022	1,434
Miss	1,234	1,517	2,337	557	647	972							

[1] Based on Bureau of the Census estimated resident population as of July 1, excluding Armed Forces abroad. [2] Indiana figure includes adjustments not carried to U.S. total; therefore, breakdown will not add to total.

Source: U.S. Bureau of the Census, *Governmental Finances,* series GF No. 5, annual, and unpublished data.

NO. 501. STATE GOVERNMENTS—REVENUE,

[In millions of dollars, except as indicated. For years ending June 30,

STATE	Total revenue[1]	GENERAL REVENUE								DEBT OUTSTANDING
		Total		Per capita[2]		Intergovernmental revenue		Taxes[3]	Charges and miscellaneous	
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local governments			Total
U.S	**247,004**	**207,993**	**(X)**	**948**	**(X)**	**54,548**	**2,539**	**124,908**	**25,998**	**111,740**
Ala	3,771	3,293	22	874	36	1,072	22	1,747	451	1,053
Alaska	1,699	1,508	36	3,715	1	283	1	817	408	1,363
Ariz	2,817	2,274	30	928	25	479	10	1,516	269	96
Ark	1,968	1,798	34	825	41	638	7	995	159	244
Calif	31,058	25,068	1	1,105	13	6,100	125	16,352	2,490	7,676
Colo	3,050	2,554	29	922	27	667	9	1,441	438	426
Conn	3,173	2,828	24	908	30	721	4	1,718	384	3,591
Del	869	807	44	1,386	4	171	2	492	141	855
Fla	7,286	6,298	9	711	48	1,414	36	4,291	557	2,671
Ga	4,605	4,101	18	801	43	1,265	26	2,448	361	1,371
Hawaii	1,670	1,447	37	1,581	2	332	2	876	237	1,697
Idaho	995	831	42	918	28	246	2	466	117	221
Ill	11,202	9,656	6	860	38	2,333	104	6,323	896	5,718
Ind	4,612	4,230	17	783	44	917	14	2,669	631	580
Iowa	3,056	2,576	28	888	33	614	35	1,569	357	373
Kans	2,178	1,961	33	828	40	477	16	1,188	280	459
Ky	3,842	3,466	20	983	22	963	6	2,076	421	2,810
La	4,589	4,063	19	1,011	21	1,110	5	2,240	708	2,637
Maine	1,234	1,071	40	977	23	359	10	554	148	696
Md	4,977	4,419	16	1,065	15	979	12	2,647	781	3,690
Mass	6,824	6,166	10	1,069	14	1,726	186	3,616	639	5,414
Mich	11,449	9,747	5	1,059	17	2,380	65	6,018	1,284	2,505
Minn	5,316	4,803	13	1,183	6	1,048	46	3,134	575	1,874
Miss	2,598	2,217	31	913	29	753	20	1,196	248	843
Mo	3,821	3,293	21	677	50	945	1	2,013	334	712
Mont	1,006	811	43	1,032	20	294	6	401	110	147
Nebr	1,334	1,264	39	803	42	319	28	743	175	53
Nev	1,059	727	46	1,035	19	179	9	463	75	374
N.H	840	614	48	692	49	205	16	264	129	739
N.J	7,881	6,377	8	870	37	1,610	93	3,729	944	5,382
N. Mex	1,847	1,678	35	1,352	5	425	13	845	395	514
N.Y	25,181	20,426	2	1,157	7	6,004	1,074	11,634	1,714	22,983
N.C	5,537	4,812	12	858	39	1,345	69	2,915	482	1,107
N. Dak	823	742	45	1,129	10	198	15	325	204	131
Ohio	11,435	7,880	7	734	47	2,083	78	4,620	1,099	3,745
Okla	2,966	2,675	26	925	26	680	16	1,516	463	1,511
Oreg	3,499	2,683	25	1,062	16	759	19	1,384	521	3,809
Pa	12,757	10,446	3	890	32	2,612	68	6,782	984	6,448
R.I	1,211	1,038	41	1,117	11	303	4	538	193	1,178
S.C	3,169	2,644	27	902	31	786	25	1,523	311	1,590
S. Dak	656	604	49	876	35	219	6	246	133	580
Tenn	3,615	3,226	23	736	46	1,004	25	1,844	352	1,389
Texas	11,049	10,101	4	755	45	2,496	25	5,738	1,841	2,317
Utah	1,605	1,314	38	961	24	393	9	695	217	393
Vt	640	557	50	1,130	9	191	3	267	95	511
Va	5,136	4,573	14	880	34	1,189	49	2,564	771	1,663
Wash	5,660	4,445	15	1,132	8	1,111	82	2,718	534	1,515
W. Va	2,395	1,982	32	1,055	18	612	1	1,150	218	1,637
Wis	6,255	5,232	11	1,109	12	1,329	38	3,260	605	2,234
Wyo	789	670	47	1,490	3	208	3	343	117	216

X Not applicable. [1] Includes liquor stores and insurance trust activities, not shown separately. [2] Based on estimated resident population as of July 1. [3] For details, see table 503.

Debt, and Expenditure by States: 1979

except as follows: Alabama and Michigan, **Sept. 30**; New York, **Mar. 31**; and Texas, **Aug. 31**]

DEBT OUTSTANDING—Con.		Total expenditure[4]	GENERAL EXPENDITURES								STATE
			Total[4]			Selected functions					
Per capita[2]			Amount	Rank	Per capita[2] (dol.)	Education	Highways	Public welfare	Health and hospitals	Natural resources	
Total (dol.)	Rank										
509	(x)	**224,657**	**200,524**	(x)	**914**	**77,722**	**21,228**	**38,884**	**15,529**	**3,808**	**U.S.**
279	35	3,558	3,216	21	853	1,537	414	434	288	68	Ala.
3,356	1	1,466	1,348	37	3,319	455	143	102	45	84	Alaska.
39	49	2,288	2,133	31	871	1,056	300	118	139	35	Ariz.
112	47	1,897	1,773	34	814	681	300	308	123	53	Ark.
338	30	28,319	25,279	1	1,114	9,706	1,182	6,946	1,297	541	Calif.
154	44	2,518	2,320	29	837	1,157	272	348	175	55	Colo.
1,153	7	2,963	2,621	25	841	739	210	569	236	23	Conn.
1,469	4	762	703	45	1,209	310	62	85	46	10	Del.
301	33	6,462	6,133	9	692	2,785	774	621	546	183	Fla.
268	37	4,347	4,074	17	796	1,708	573	606	378	107	Ga.
1,854	2	1,524	1,407	36	1,538	501	91	223	122	39	Hawaii
244	38	891	787	42	869	299	135	95	46	46	Idaho
509	22	10,418	9,340	5	832	3,423	1,044	2,306	584	111	Ill.
107	48	4,089	3,840	18	711	1,712	536	478	288	76	Ind.
128	46	3,011	2,737	24	943	1,176	477	408	200	69	Iowa
193	41	2,012	1,900	33	802	817	292	311	184	55	Kans.
797	14	3,880	3,611	20	1,024	1,419	745	519	185	82	Ky.
656	16	4,123	3,773	19	939	1,479	461	542	359	92	La.
634	17	1,183	1,020	40	930	351	133	225	52	38	Maine.
890	10	4,678	4,264	15	1,028	1,391	529	647	390	43	Md.
939	9	6,377	5,832	10	1,011	1,644	370	1,677	523	34	Mass.
272	36	10,507	9,356	4	1,016	3,426	859	2,382	766	122	Mich.
462	25	4,779	4,483	13	1,104	1,896	471	752	272	120	Minn.
347	29	2,367	2,171	30	893	912	296	352	158	66	Miss.
146	45	3,337	3,086	23	634	1,204	492	552	296	82	Mo.
187	42	901	769	43	979	278	131	86	51	39	Mont.
33	50	1,250	1,215	39	772	385	224	180	105	50	Nebr.
533	20	862	649	46	925	265	113	59	39	16	Nev.
833	13	784	631	47	712	161	114	103	58	12	N.H.
734	15	7,718	6,540	8	892	2,118	397	1,317	474	102	N.J.
414	26	1,578	1,510	35	1,216	700	218	140	109	37	N. Mex.
1,302	5	22,708	19,255	2	1,091	6,028	1,035	4,508	1,799	89	N.Y.
198	40	5,249	4,962	12	885	2,292	603	644	450	119	N.C.
199	39	777	727	44	1,107	264	129	81	44	30	N. Dak.
349	28	9,762	7,937	7	740	3,343	915	1,345	772	101	Ohio.
522	21	2,733	2,435	28	842	1,076	325	490	158	42	Okla.
1,507	3	2,906	2,518	27	996	894	319	452	182	91	Oreg.
550	18	11,575	9,610	3	819	3,468	787	2,576	870	136	Pa.
1,268	6	1,171	1,014	41	1,091	313	43	254	114	9	R.I.
542	19	3,007	2,518	26	859	1,133	253	302	277	60	S.C.
842	12	642	618	48	897	203	104	86	38	24	S. Dak.
317	32	3,361	3,107	22	709	1,263	501	530	229	60	Tenn.
173	43	9,665	9,100	6	680	4,541	1,246	1,372	750	147	Texas.
288	34	1,464	1,332	38	974	661	156	183	105	37	Utah.
1,036	8	612	552	50	1,119	189	61	91	38	20	Vt.
320	31	4,876	4,463	14	859	1,696	828	585	500	61	Va.
386	27	4,860	4,176	16	1,064	1,988	558	576	227	147	Wash.
872	11	2,424	2,079	32	1,107	815	474	218	108	38	W. Va.
473	24	5,381	5,032	11	1,066	1,692	409	1,070	308	85	Wis.
480	23	633	568	49	1,262	169	125	35	26	21	Wyo.

[4] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances in 1979*, series GF79, No. 3.

NO. 502. STATE GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)							PER CAPITA [1]	
	1960	1965	1970	1975	1977	1978	1979	1970	1979
Borrowing and revenue	**35,149**	**51,784**	**93,463**	**166,696**	**215,527**	**238,475**	**262,648**	**$461**	**$1,197**
Borrowing	2,312	2,957	4,524	9,663	11,101	13,464	15,644	22	71
Revenue	32,838	48,827	88,939	157,033	204,426	225,011	247,004	439	1,126
General revenue	27,363	40,930	77,755	134,611	169,126	189,099	207,993	384	948
Taxes	18,036	26,126	47,962	80,155	101,085	113,261	124,908	237	569
Sales and gross receipts	10,510	15,059	27,254	43,346	52,362	58,270	63,668	135	290
General	4,302	6,711	14,177	24,780	30,896	35,280	39,505	70	180
Motor fuels	3,335	4,300	6,283	8,255	9,088	9,501	9,980	31	45
Alcoholic beverages	650	917	1,420	1,963	2,120	2,286	2,400	7	11
Tobacco products	923	1,284	2,308	3,286	3,500	3,654	3,640	11	17
Other	1,300	1,847	3,065	5,061	6,758	7,549	8,142	15	37
Licenses	2,495	3,218	4,615	6,289	7,149	7,654	8,215	23	37
Motor vehicles	1,468	1,869	2,728	3,655	4,243	4,473	4,779	13	22
Corporations in general	426	528	764	1,041	1,041	1,138	1,262	4	6
Other	602	819	1,123	1,592	1,866	2,043	2,173	6	10
Individual income	2,209	3,657	9,183	18,819	25,493	29,105	32,622	45	149
Corporation net income	1,180	1,929	3,738	6,642	9,174	10,738	12,128	18	55
Property	607	766	1,092	1,451	2,260	2,364	2,490	5	11
Other	1,034	1,496	2,081	3,607	4,647	5,129	5,784	10	26
Charges and miscellaneous	2,583	4,483	9,545	16,629	19,414	22,377	25,998	47	118
Intergovernmental revenue	6,745	10,320	20,248	37,827	48,627	53,461	57,087	100	260
From Federal Government	6,382	9,874	19,252	36,148	45,890	50,200	54,548	95	249
Public welfare	2,048	3,133	7,818	14,247	18,723	20,027	22,313	39	102
Education	727	1,393	4,554	7,879	9,035	9,819	10,710	23	49
Highways	2,883	3,987	4,431	5,260	6,363	6,301	7,015	22	32
Other	725	1,359	2,450	8,761	11,769	14,072	14,510	12	66
From local governments	363	447	995	1,680	2,737	3,261	2,539	5	12
Liquor stores revenue	1,128	1,270	1,748	2,129	2,244	2,388	2,504	9	11
Insurance trust revenue	4,347	6,627	9,437	20,293	32,365	32,562	35,370	47	161
Utility revenue [2]	(NA)	(NA)	(NA)	(NA)	692	962	1,137	(NA)	5
Debt outstanding, yearend	**18,543**	**27,034**	**42,008**	**72,127**	**90,200**	**102,569**	**111,740**	**208**	**509**
Long-term	18,128	26,235	38,903	67,548	87,184	99,671	109,449	192	499
Full faith and credit	8,912	11,819	17,736	33,736	42,913	46,316	48,286	88	220
Nonguaranteed	9,216	14,415	21,167	33,812	44,271	53,356	61,163	105	279
Short-term	415	800	3,104	4,579	3,016	2,897	2,291	15	10
Net long-term	15,595	22,504	34,478	58,388	67,584	72,089	81,338	170	371
Full faith and credit only	6,711	9,094	14,832	29,503	37,347	39,147	40,401	73	184
Expenditure and debt redemption	**32,496**	**46,769**	**87,151**	**161,804**	**198,100**	**208,533**	**230,154**	**430**	**1,049**
Debt redemption	900	1,130	2,096	2,922	6,875	4,701	5,497	10	25
Expenditure	31,596	45,639	85,055	158,882	191,225	203,832	224,657	420	1,024
General expenditure [3]	27,228	40,446	77,642	138,303	164,351	179,802	200,524	384	914
Public welfare	3,704	5,434	13,206	25,559	32,779	35,776	38,884	65	177
Education	8,857	14,532	30,865	54,012	64,037	69,702	77,722	152	354
Highways	7,317	9,844	13,483	17,483	17,484	18,479	21,228	67	97
Health and hospitals	2,072	2,943	5,355	10,158	12,608	13,884	15,529	26	71
State hospitals	1,618	2,254	3,941	6,891	8,364	8,979	9,922	19	45
Other hospitals and health	454	689	1,415	3,267	4,243	4,905	5,607	7	26
Housing and urban renewal	33	80	120	632	353	337	424	1	2
Natural resources	862	1,381	2,223	3,554	3,209	3,411	3,808	11	17
Correction	433	652	1,104	2,203	2,882	3,275	3,770	5	17
Police protection	251	352	741	1,423	1,690	1,826	2,034	4	9
Employment security	313	457	767	1,509	1,698	1,757	1,799	4	8
Financial administration	447	609	1,032	1,792	2,241	2,482	2,723	5	12
General control	216	350	717	1,496	1,858	2,331	2,812	4	13
Misc. and unallocable	2,722	3,810	8,029	18,483	23,513	26,542	29,791	40	135
Liquor stores expenditure	907	1,022	1,404	1,719	1,817	1,991	2,068	7	9
Insurance trust expenditure	3,461	4,170	6,010	18,860	23,426	20,495	20,107	30	92
Utility expenditure [2]	(NA)	(NA)	(NA)	(NA)	1,631	1,544	1,957	(NA)	9
By character and object:									
Intergovernmental expenditure	9,433	14,174	28,892	51,978	62,460	67,287	75,966	143	346
Direct expenditure	22,152	31,465	56,163	106,905	128,765	136,545	148,691	277	678
Current operation	9,534	14,930	30,971	60,793	75,683	86,153	94,533	153	431
Capital outlay [3]	6,607	9,307	13,295	17,307	16,964	16,064	19,124	66	87
Construction	5,509	7,600	11,185	14,443	13,620	13,260	15,930	55	73
Land and existing structures	802	1,176	1,240	1,475	1,867	1,171	1,229	6	6
Equipment	296	531	870	1,389	1,477	1,633	1,965	4	9
Assistance and subsidies	2,015	2,236	4,387	6,673	7,556	8,341	8,878	22	40
Interest on debt	536	822	1,499	3,272	5,136	5,493	6,048	7	28
Insurance benefits and repayments	3,461	4,170	6,010	18,860	23,426	20,495	20,107	30	92

NA Not available. [1] Based on estimated resident population as of July 1. [2] For 1977 and subsequent fiscal years, utility revenue and expenditure have been compiled separately and not included with general revenue and expenditure. [3] Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *State Government Finances*, series GF No. 3, annual.

No. 503. State Government Tax Collections and Excise Taxes, by Type of Tax—States: 1979

[Collections include local shares of State-imposed taxes. Excise taxes as of **September 1**]

State	State tax collections [1] (mil. dol.)								Excise taxes		
		Sales and gross receipts									
	Total [2]	Total [2]	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products	Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent) [3]	Cigarettes (cents per package)	Gasoline (cents per gal.)
U.S. [4]	**124,908**	**63,668**	**39,505**	**9,980**	**6,040**	**32,622**	**12,127**	**5,155**	(x)	(x)	(x)
Ala	1,747	1,096	547	173	132	363	101	43	[5] 4	12	7
Alaska	817	75	(x)	22	12	116	257	7	(x)	8	8
Ariz	1,516	945	704	128	59	270	89	59	[5] 4	13	8
Ark	995	586	346	129	69	229	84	53	[5] 3	17.75	9.5
Calif	16,352	7,557	5,659	898	402	4,758	2,375	417	[5] 4.75-E	10	7
Colo	1,441	733	515	115	56	457	112	48	[5] [6] 3-C	10	7
Conn	1,718	1,235	736	164	101	83	231	88	7-E	21	11
D.C. [4]	876	308	172	21	19	239	69	19	5-E	13	10
Del	492	74	(x)	32	17	216	50	24	(x)	14	9
Fla	4,291	3,207	1,947	430	509	(x)	314	245	4-E	21	8
Ga	2,448	1,390	894	266	168	729	226	52	[5] 3	12	7.5
Hawaii	876	551	431	35	32	265	40	8	[7] 4	([8])	[9] 8.5
Idaho	466	221	130	59	15	143	39	38	3-C	9.1	9.5
Ill	6,323	3,509	2,195	424	257	1,743	489	363	[5] [10] 4	12	7.5
Ind	2,669	1,759	1,310	277	118	594	127	102	4-E	10.5	8
Iowa	1,589	672	406	162	63	559	130	135	3-E	13	10
Kans	1,188	616	399	128	56	298	141	71	[5] 3-E	11	8
Ky	2,076	1,026	599	199	37	456	163	55	[5] 5-E	3	9
La	2,240	1,107	677	194	109	241	214	49	3-E	11	8
Maine	554	334	198	57	49	113	41	26	5-E	16	9
Md	2,647	1,257	699	200	82	1,006	146	89	5-E	10	9
Mass	3,616	1,320	718	224	222	1,631	483	67	5-E	21	8.5
Mich	6,018	2,571	1,703	507	225	1,944	992	260	4-E	11	11
Minn	3,134	1,198	608	217	139	1,256	357	129	4-E	18	9
Miss	1,196	828	603	127	64	193	58	28	5	11	9
Mo	2,013	1,150	783	222	85	535	130	113	[5] 3.125	9	7
Mont	401	102	(x)	46	26	142	36	21	(x)	12	8
Nebr	743	416	253	101	34	209	50	40	43-C	13	10.5
Nev	463	368	176	35	24	(x)	(x)	23	[5] [11] 3-E	10	6
N.H	264	134	(x)	47	31	9	64	24	(x)	12	11
N.J	3,729	1,813	1,098	304	225	868	430	252	5-E	19	8
N. Mex	845	507	370	72	22	69	41	33	[5] [12] 3.75	12	7
N.Y	11,634	4,331	2,589	506	478	5,058	1,223	324	[5] 4-E	15	8
N.C	2,915	1,352	648	313	117	996	255	131	[5] 3	2	9
N. Dak	325	176	109	35	15	49	29	26	3-E	12	8
Ohio	4,620	2,630	1,427	422	278	868	505	285	[5] 4-E	15	7
Okla	1,516	610	280	138	87	334	95	125	[5] 2	18	6.58
Oreg	1,384	178	(x)	100	40	807	166	105	(x)	9	7
Pa	6,782	3,313	1,895	526	368	1,552	854	331	6-E	18	11
R.I	538	284	158	43	32	153	56	19	6-E	18	10
S.C	1,523	878	526	171	111	416	140	37	4	7	10
S. Dak	246	212	131	39	17	(x)	3	16	[5] [13] 4	14	9
Tenn	1,844	1,388	943	228	121	26	186	102	[5] 4.5	13	7
Tex	5,738	3,957	2,185	489	491	(x)	(x)	273	[5] 4-E	18.5	5
Utah	695	395	290	74	14	226	33	19	[5] 4	10	9
Vt	267	127	38	25	22	83	24	21	3-E	12	9
Va	2,564	1,165	535	293	91	967	196	112	[5] 3	25	9
Wash	2,718	2,049	1,525	249	143	(x)	(x)	86	[5] 4.5-E	16	12
W. Va	1,150	824	562	110	43	217	26	51	[14] 3	17	10.5
Wis	3,260	1,248	820	184	125	1,375	327	103	[5] 4-E	16	7
Wyo	343	193	141	39	7	(x)	(x)	30	[5] [15] 3	8	8

X Not applicable. [1] Preliminary. [2] Includes amounts for types of taxes not shown separately. [3] C = income tax credit provided; E = food exempt from sales tax. Source of exemption detail: Advisory Comm. on Intergovt'l Relations, Wash., D.C. *Significant Features of Fiscal Federalism*, annual. [4] D.C. excluded from U.S. total. [5] Excludes State-collected supplemental local sales taxes imposed by local governments under State enabling legislation, as well as locally administered taxes. [6] Food is exempt, effective Jan. 1, 1980. Credit in effect until then. [7] Effective Jan. 1, 1974, a general excise tax credit replaced the consumer, educational, drug and medical, and rental tax credits. [8] 40% of wholesale price. [9] State rate per gallon in Hawaii County, 11.5 cents. Combined State and local rates per gallon, in cents: Honolulu, 12; Kauai, 12.5; and Maui, 13.5. [10] Food is taxed at a reduced rate, 3 rather than 4%, beginning Jan. 1, 1980. [11] Includes a mandatory State-imposed 1% county sales tax. [12] An income tax credit is provided for all State-local taxes paid plus a food tax credit equal to $40 for each exemption allowed for Federal income tax purposes. [13] A sales tax credit based on Federal adjusted gross income is provided for elderly and disabled persons. [14] The sales tax on food is reduced from 3 to 2% on July 1, 1979, and to 1% on July 1, 1980. Sales of food made after June 30, 1981 are exempt from tax. [15] A sales and use tax refund is provided for low-income elderly and disabled persons.

Source: Except as noted, U.S. Bureau of the Census, *State Government Tax Collections in 1979*, series GF79, No. 1 and *State Government Finances in 1979*, series GF79, No. 3.

NO. 504. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1978

[As of January 1. Only basic rates, brackets, and exemptions are shown. Taxable income rates and brackets apply to single individuals only; other schedules are used for married taxpayers filing separately or jointly or for heads of households in Alaska, California, Georgia, Hawaii, New Mexico, Oklahoma, Utah, and West Virginia. No income tax is levied in Florida, Nevada, South Dakota, Texas, Washington, and Wyoming]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS [1]			SIZE OF STANDARD DEDUCTIONS			Federal income tax deductible
		Lowest: amount under—	Highest: amount over—	Single	Married—joint return	Dependents	Percent	Single	Married—joint return	
Ala	1.5-5.0	$1,000	$5,000	$1,500	$3,000	$300	10	$1,000	$1,000	Yes
Alaska	3.0-14.5	2,000	200,000	750	1,500	750	(x)	2,200	3,200	No
Ariz	2.0-8.0	1,000	6,000	1,000	2,000	600	10	500	1,000	Yes
Ark	1.0-7.0	3,000	25,000	[2]17.50	[2]35	[2]6	10	1,000	1,000	No
Calif	1.0-11.0	2,000	15,500	[2]100	[2]200	[2]8	(x)	1,000	2,000	No
Colo	[3]3.0-8.0	1,000	10,000	850	1,700	850	10	1,000	1,000	Yes
Conn	[4]1.0-9.0	[5]	100,000	100	200	(x)	(x)	(x)	(x)	No
D.C	2.0-11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
Del	1.6-19.8	1,000	100,000	600	1,200	600	10	1,000	1,000	[6]Yes
Ga	1.0-6.0	750	7,000	1,500	3,000	700	15	2,000	2,000	No
Hawaii	2.25-11.0	500	30,000	750	1,500	750	10	1,000	1,000	No
Idaho	2.0-7.5	1,000	5,000	750	1,500	750	(x)	2,200	3,200	No
Ill	2.5	Flat rate		1,000	2,000	1,000	(x)	(x)	(x)	No
Ind	2.0	Flat rate		1,000	[7]	500	(x)	(x)	(x)	No
Iowa	.5-13.0	1,000	75,000	[2]15	[2]30	[2]10	10	1,000	1,000	Yes
Kans	2.0-9.0	2,000	25,000	750	1,500	750	16	2,400	2,800	[6]Yes
Ky	2.0-6.0	3,000	8,000	[2]20	[2]40	[2]20	(x)	650	650	[6]Yes
La	2.0-6.0	10,000	50,000	[8]2,500	[8]5,000	[8]400	[8]	[8]	[8]	Yes
Maine	1.0-10.0	2,000	25,000	[9]1,000	2,000	1,000	16	2,400	2,800	No
Md	2.0-3.0	1,000	3,000	800	1,600	800	10	500	[10]1,000	No
Mass	[11]5.0	Flat rate		2,000	2,600	600	(x)	(x)	(x)	No
Mich	4.6	Flat rate		1,500	3,000	1,500	(x)	(x)	(x)	No
Minn	[12]1.6-17.0	500	40,000	[2]40	[2]80	[2]40	10	1,000	1,000	Yes
Miss	3.0-4.0	5,000	5,000	4,500	6,500	750	15	750	[13]1,500	No
Mo	1.5-6.0	1,000	9,000	1,200	2,400	400	(x)	2,200	3,200	Yes
Mont	[14]2.0-11.0	1,000	35,000	650	1,300	650	10	500	1,000	Yes
Nebr	[15]	Flat rate		[15]	[15]	[15]	[15]	[15]	[15]	No
N.H	[16]5.0	Flat rate		600	[17]	(x)	(x)	(x)	(x)	No
N.J. [18]	2.0-2.5	20,000	40,000	1,000	2,000	1,000	(x)	(x)	(x)	No
N. Mex	.8-9.0	1,000	100,000	750	1,500	750	(x)	2,200	3,200	No
N.Y	[19]2.0-15.0	1,000	30,000	650	1,300	650	16	2,400	2,400	No
N.C	3.0-7.0	2,000	10,000	1,000	[20]	600	10	500	[20]	No
N. Dak	[21]1.0-10.0	1,000	8,000	750	1,500	750	16	2,400	2,800	Yes
Ohio	.5-3.5	5,000	40,000	650	1,300	650	(x)	(x)	(x)	No
Okla	.5-6.0	1,000	7,500	750	1,500	750	15	2,000	2,000	[6]Yes
Oreg	4.0-10.0	500	5,000	750	1,500	750	13	1,500	1,500	[6]Yes
Pa	[22]2.2	Flat rate		(x)	(x)	(x)	(x)	(x)	(x)	No
R.I	[15]	Flat rate		[15]	[15]	[15]	[15]	[15]	[15]	No
S.C	2.0-7.0	2,000	10,000	800	1,600	800	10	500	1,000	[6]Yes
Tenn	[16]6.0	Flat rate		(x)	(x)	(x)	(x)	(x)	(x)	No
Utah	2.25-7.75	750	4,500	750	1,500	750	15	2,000	2,000	Yes
Vt	[15]	Flat rate		[15]	[15]	[15]	[15]	[15]	[15]	No
Va	2.0-5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
W. Va	2.1-9.6	2,000	200,000	600	1,200	600	10	1,000	1,000	No
Wis	3.1-11.4	1,000	14,000	[2]20	[2]40	[2]20	15	2,000	2,000	No

X Not applicable. [1] Many States also commonly allow other types of exemptions, such as physical or mental disability exemptions, and tax credits for items such as specified contributions or taxes paid to other jurisdictions. [2] Tax credit. [3] Effective minimum rate is 2.5% due to application of a tax reduction credit. [4] Tax on capital gains and dividends applicable to taxpayers (individual or joint) with a Federal adjusted gross income in excess of $20,000. [5] $20,000 to $21,999. [6] Subject to specified limitations. [7] Minimum exemption is $1,000; maximum exemption is $2,000. [8] All exemptions and deductions are incorporated into tax tables which must be used when filing State tax returns. [9] If revenues exceed a specified amount, not yet determined, the personal exemption will be $1,200. [10] Incomes of husbands and wives filing joint returns are treated separately for purposes of taking the standard deduction; therefore, minimum deduction is $500 and maximum deduction is $1,000. [11] Data apply to tax on earned income and annuities; 10% (flat rate) imposed on net capital gains, interest, and dividends. Only income in excess of $3,000 for single taxpayers and $5,000 for married taxpayers filing jointly is taxable. A 7.5% surtax on tax liability is additional. [12] No tax is due at specified minimum levels of income because an allowance is made for a tax credit equal to tax liability. [13] Incomes of husbands and wives filing joint returns are treated separately for purposes of taking the standard deduction; therefore, minimum deduction is $750 and maximum deduction is $1,500. [14] 10% surtax on tax liability is additional. [15] Based on Federal income tax liability as follows: Nebraska, 18%; Rhode Island, 17%; Vermont, 25% plus 9% surtax. Since State tax is computed as a percentage of the Federal tax liability, in effect the Federal standard deduction and exemptions are adopted. As of January 1, 1977, the Federal standards comparable to the ones presented in this table were: Personal exemptions, single—$750, married filing joint return—$1,500, dependents—$750; standard deduction, percent-zero, single—$2,200, married filing joint return-$3,200. [16] Tax on interest and dividends. [17] Each spouse having taxable income is eligible for $600 deduction; maximum exemption is, therefore, $1,200. [18] Data apply to recently adopted personal income tax applicable July 1, 1976. Provisions vary for New York, Pennsylvania, and Delaware commuter taxes. [19] No tax is due if adjusted gross income is below $2,500 for single taxpayers and $5,000 for married taxpayers filing jointly. [20] Joint returns are inapplicable; however, a husband and wife may elect to file separate returns on a combined form. [21] Plus a 1% tax on net income in excess of $2,000 of taxpayers who derive income from the operation of a business, trade, or profession other than as an employee. A 2% surtax on tax liability is additional. [22] Refunds or forgiveness of tax due are based on specified poverty income levels.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1978,* series GF78, No. 1.

No. 505. State General Operating Fund Resources and Expenditures: 1978 to 1980

[**In millions of dollars.** Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity]

STATE	GENERAL FUND RESOURCES [1]			EXPENDITURES			STATE	GENERAL FUND RESOURCES [1]			EXPENDITURES		
	1978	1979	1980, proj.[2]	1978	1979	1980, proj.[2]		1978	1979	1980, proj.[2]	1978	1979	1980, proj.[2]
U.S.	**113,008**	**124,525**	**136,358**	**104,076**	**114,538**	**128,854**	Mo	1,557	1,859	2,160	1,423	1,542	1,932
							Mont	252	268	258	218	239	238
Ala	1,355	1,469	1,538	1,269	1,448	1,538	Nebr	512	586	650	482	524	611
Alaska	1,767	1,767	2,827	1,116	1,099	1,260	Nev	(NA)	420	407	(NA)	332	352
Ariz	1,063	1,185	1,357	1,031	1,068	1,170	N.H	236	245	267	212	217	249
Ark	690	777	823	690	777	823	N.J	4,129	4,653	4,806	3,859	4,435	4,662
Calif	15,561	18,880	20,410	11,875	16,200	18,576	N. Mex	687	755	790	608	709	780
Colo	1,106	1,279	1,450	1,002	1,111	1,246	N.Y	11,182	11,942	12,864	11,177	11,931	12,853
Conn	2,012	2,223	2,388	1,918	2,222	2,388	N.C	2,347	2,672	2,873	2,163	2,484	2,845
Del	521	594	644	496	546	610	N. Dak	(NA)	447	412	(NA)	299	309
Fla	2,970	3,355	3,806	2,850	3,123	3,687	Ohio	4,367	4,237	4,772	4,233	3,880	4,561
Ga	2,400	2,867	2,895	2,263	2,759	2,815	Okla	747	834	970	675	736	856
Hawaii	865	957	1,106	863	890	994	Oreg	1,251	1,214	1,461	1,036	1,076	1,460
Idaho	291	326	378	291	316	358	Pa	5,330	5,892	6,367	5,368	5,861	6,323
Ill	6,395	7,142	8,540	6,309	6,752	8,140	R.I	587	648	691	566	606	662
Ind	1,769	2,109	2,215	1,551	1,777	2,014	S.C	1,282	1,415	1,544	1,230	1,402	1,539
Iowa	1,484	1,656	1,820	1,381	1,565	1,749	S. Dak	190	205	230	180	194	224
Kans	996	1,163	1,292	841	967	1,135	Tenn	2,180	2,338	2,686	2,179	2,330	2,677
Ky	1,584	1,805	1,890	1,496	1,725	1,867	Tex	4,020	4,092	4,248	3,344	3,472	4,067
La	3,729	3,099	3,572	3,668	2,692	3,317	Utah	567	643	750	546	628	750
Maine	451	511	540	416	485	524	Vt	204	228	229	199	228	227
Md	2,194	2,628	2,828	2,009	2,309	2,633	Va	2,102	2,546	2,664	2,062	2,408	2,469
Mass	4,194	3,737	3,923	3,975	3,540	3,903	Wash	2,753	3,249	3,661	2,488	2,829	3,462
Mich	3,894	4,378	4,697	3,872	4,348	4,697	W. Va	949	1,000	1,056	896	953	1,043
Minn	2,867	3,584	3,914	2,841	3,325	3,767	Wis	4,358	3,411	3,376	3,998	3,130	3,281
Miss	866	959	996	762	888	983	Wyo	197	275	316	152	162	230

NA Not available.

[1] Includes funds budgeted and balances from previous year. [2] Projections based on budgets enacted by State legislatures in late spring/early summer 1979.

Source: National Governor's Association and National Association of State Budget Officers, Washington, D.C., *Fiscal Survey of the States*, annual.

No. 506. Gross Revenue of States from Lotteries and Parimutuel Taxes, 1975 to 1979, and by State, 1979

STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE			STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE		
			Total (mil. dol.)	Percent					Total (mil. dol.)	Percent	
				Prize money	Administration [1]					Prize money	Administration [1]
1975	**1,553.0**	**776.4**	**776.6**	**38.0**	**10.2**	Md	352.8	20.5	332.3	49.8	6.0
1976	**1,694.8**	**719.3**	**975.5**	**40.5**	**10.0**	Mass	194.9	28.6	166.3	49.2	5.0
1977	**1,912.8**	**721.2**	**1,191.6**	**45.3**	**10.3**	Mich	442.0	26.4	415.6	49.0	2.4
1978	**2,304.1**	**689.5**	**1,614.6**	**43.3**	**8.0**	Nebr	7.2	7.2	(X)	(X)	(X)
1979	**2,522.0**	**717.4**	**1,804.5**	**43.5**	**7.7**	Nev	.3	.3	(X)	(X)	(X)
						N.H	22.1	14.4	7.7	40.0	23.8
Ariz	8.6	8.6	(X)	(X)	(X)	N.J	302.5	18.5	284.0	52.2	6.6
Ark	14.7	14.7	(X)	(X)	(X)	N. Mex	2.5	2.5	(X)	(X)	(X)
Calif	116.3	116.3	(X)	(X)	(X)	N.Y	294.9	105.0	189.9	38.9	16.1
Colo	8.4	8.4	(X)	(X)	(X)						
Conn	112.1	46.0	66.2	28.0	9.8	Ohio	71.9	26.5	45.4	35.1	23.2
Del	15.3	3.2	12.0	48.8	11.5	Oreg	5.2	5.2	(X)	(X)	(X)
Fla	97.6	97.6	(X)	(X)	(X)	Pa	210.8	27.1	183.7	12.6	10.6
Idaho	.4	.4	(X)	(X)	(X)	R.I	37.2	6.6	30.6	45.5	6.1
Ill	141.1	76.9	64.2	44.4	12.2	S. Dak	2.4	2.4	(X)	(X)	(X)
Ky	13.5	13.5	(X)	(X)	(X)	Vt	1.1	1.1	(X)	(X)	(X)
La	17.7	17.7	(X)	(X)	(X)	Wash	7.0	7.0	(X)	(X)	(X)
Maine	7.9	1.3	6.6	44.7	34.1	W. Va	13.6	13.6	(X)	(X)	(X)

X Not applicable. [1] Includes other expenses. Excludes funds available for other purposes.

Source: U.S. Bureau of the Census, *State Government Finances in 1979*, series GF 79, No. 3.

No. 507. State Payments to Local Governments, by State: 1967 to 1977

[Intergovernmental expenditure is defined as the actual payment of money to local governments, including grants-in-aid and State-collected, locally shared taxes, as well as State reimbursements to local governments for services rendered (e.g. care of prisoners, construction of public improvements, etc.) It excludes transactions or activities which benefit localities without involving flow of funds. For details, see source]

STATE	TOTAL PAYMENTS (mil. dol.)			PERCENT OF STATE GENERAL EXPENDITURES			PER CAPITA PAYMENTS [1] (dol.)				
									1977		
	1967	1972	1977	1967	1972	1977	1967	1972	Total	Education	Public welfare
U.S	**19,056**	**36,759**	**61,074**	**35.7**	**37.2**	**36.8**	**97**	**177**	**283**	**171**	**41**
Ala	293	450	732	31.7	30.0	28.2	83	128	198	152	-
Alaska	29	102	234	10.8	17.8	22.8	105	314	576	395	-
Ariz	169	358	731	30.7	37.8	43.1	104	184	318	219	(z)
Ark	*140*	*220*	*439*	*28.8*	*29.4*	*31.6*	71	111	205	141	1
Calif	2,775	5,321	8,248	41.0	48.1	43.4	145	260	377	192	91
Colo	205	376	690	33.7	33.2	35.2	104	160	263	174	51
Conn	137	442	532	19.5	28.4	24.9	47	144	171	112	6
Del	*71*	*117*	*145*	*29.5*	*28.4*	*23.4*	135	207	250	218	-
Fla	423	1,025	2,017	32.4	37.6	41.1	71	141	239	188	-
Ga	411	599	994	37.3	30.7	31.9	91	127	197	157	2
Hawaii	21	20	35	5.4	2.6	2.6	28	24	39	-	-
Idaho	*52*	*88*	*220*	*25.9*	*25.1*	*32.1*	75	116	256	173	-
Ill	703	1,628	2,824	33.6	31.9	33.1	65	145	251	176	9
Ind	430	644	1,335	36.8	34.2	41.9	86	122	250	128	23
Iowa	201	462	895	27.2	36.2	39.0	73	160	311	205	6
Kans	*200*	*352*	447	*36.6*	*39.5*	*26.1*	88	156	192	154	-
Ky	206	349	591	22.5	22.2	22.9	65	106	171	141	-
La	394	660	983	30.1	33.7	30.0	107	178	251	178	-
Maine	40	103	220	16.2	21.1	27.4	41	100	203	165	2
Md	401	882	1,441	43.1	41.9	40.5	109	218	348	180	60
Mass	636	608	1,247	45.6	20.6	26.2	117	105	216	145	-
Mich	979	1,619	2,794	38.7	35.7	36.5	114	178	306	174	18
Minn	440	1,118	1,797	42.1	51.5	47.0	123	287	452	274	57
Miss	191	368	602	34.2	34.8	34.6	81	163	252	181	-
Mo	250	476	726	25.8	28.3	29.4	54	100	151	125	1
Mont	38	68	169	17.6	18.4	25.3	54	95	222	175	1
Nebr	78	134	318	25.3	23.9	31.8	55	88	204	76	9
Nev	45	99	153	26.8	34.0	30.0	101	187	242	194	(z)
N.H	14	58	95	9.7	18.5	17.3	21	75	112	47	-
N.J	425	1,160	2,010	35.9	38.7	36.9	61	157	274	151	65
N. Mex	136	225	398	32.4	35.4	37.5	136	211	335	259	-
N.Y	3,265	7,097	9,993	54.1	57.5	54.3	178	386	558	216	227
N.C	538	951	1,820	43.6	43.4	45.9	107	182	329	227	48
N. Dak	42	86	162	18.0	26.2	25.8	65	136	248	169	8
Ohio	643	1,102	2,466	32.8	31.3	38.5	61	102	230	141	13
Okla	191	321	565	23.5	25.6	28.8	77	122	201	153	1
Oreg	193	289	504	29.0	26.7	26.5	97	133	212	138	1
Pa	787	1,791	2,714	29.4	31.3	30.3	68	150	230	165	13
R.I	47	107	157	16.2	21.9	19.6	52	110	168	118	15
S.C	199	341	584	33.7	31.8	27.2	77	128	203	147	-
S. Dak	25	48	75	12.9	15.9	14.8	36	71	108	76	(z)
Tenn	303	427	719	32.8	29.5	28.2	78	106	167	114	1
Tex	662	1,227	2,216	29.5	29.6	30.2	61	105	173	167	-
Utah	99	164	304	27.1	26.7	28.8	96	146	239	205	-
Vt	*26*	*54*	*83*	*15.4*	*16.6*	*17.9*	62	117	171	117	-
Va	334	682	1,062	31.4	35.5	30.2	74	143	207	141	43
Wash	385	573	1,059	33.1	30.0	31.6	125	166	289	212	2
W. Va	119	205	430	22.0	21.0	27.6	66	115	231	215	-
Wis	*631*	*1,107*	*1,979*	*46.3*	*46.8*	*48.4*	151	245	426	155	68
Wyo	35	58	119	22.4	24.7	29.5	112	168	293	169	-

- Represents zero. Z Less than $.50. [1] Based on estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 3, *State Payments to Local Governments*.

No. 508. Number of Local Governments, by Taxing Power and Type, and Public School Systems—States: 1972 and 1977

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1972			1977								
	All types of local governments			All types of local governments		Local governments other than school districts					School districts	Public school systems[2]
	Total	With property taxing power	Excluding school districts	Total	With property-taxing power	Total	Counties[1]	Municipalities	Townships	Special districts		
U.S.	**78,218**	**65,914**	**62,437**	**79,862**	**67,780**	**64,688**	**3,042**	**18,862**	**16,822**	**25,962**	**15,174**	**16,548**
Ala	875	589	749	949	613	822	67	419	-	336	127	127
Alaska	120	120	120	150	150	150	8	142	-	-	-	32
Ariz	406	377	169	420	418	190	14	70	-	106	230	237
Ark	1,283	917	895	1,346	923	966	75	467	-	424	380	380
Calif	3,819	3,498	2,687	3,806	3,595	2,697	57	413	-	2,227	1,109	1,110
Colo	1,319	1,168	1,132	1,459	1,394	1,274	62	262	-	950	185	185
Conn	428	340	414	434	359	418	-	33	149	236	16	165
Del	158	82	133	210	85	185	3	55	-	127	25	26
D.C	3	1	3	2	1	2	-	1	-	1	-	2
Fla	865	674	771	911	686	816	66	389	-	361	95	95
Ga	1,243	884	1,054	1,263	876	1,075	158	530	-	387	188	188
Hawaii	19	4	19	19	4	19	3	1	-	15	-	1
Idaho	901	730	784	972	792	855	44	199	-	612	117	117
Ill	6,385	5,337	5,208	6,620	5,522	5,557	102	1,274	1,436	2,745	1,063	1,063
Ind	2,792	2,206	2,477	2,854	2,216	2,547	91	563	1,008	885	307	307
Iowa	1,818	1,605	1,355	1,852	1,738	1,388	99	955	-	334	464	464
Kans	3,715	3,355	3,384	3,725	3,365	3,398	105	625	1,449	1,219	327	327
Ky	1,135	806	944	1,183	975	1,002	119	405	-	478	181	181
La	834	710	768	458	456	392	62	300	-	30	66	66
Maine	714	601	636	779	610	693	16	24	475	178	86	256
Md	403	196	403	426	194	426	23	151	-	252	-	40
Mass	682	482	631	766	512	691	12	39	312	328	75	389
Mich	2,649	2,523	2,002	2,633	2,489	2,027	83	531	1,245	168	606	606
Minn	3,395	3,262	2,950	3,437	3,431	2,997	87	855	1,792	263	440	440
Miss	796	605	634	835	681	669	82	283	-	304	166	166
Mo	2,807	2,145	2,171	2,937	2,317	2,363	114	916	326	1,007	574	574
Mont	992	858	440	958	818	493	56	126	-	311	465	465
Nebr	3,561	3,265	2,187	3,485	3,248	2,290	93	534	471	1,192	1,195	1,195
Nev	184	102	167	182	117	165	16	17	-	132	17	17
N.H	499	461	341	506	478	347	10	13	221	103	159	168
N.J	1,456	1,238	929	1,517	1,254	968	21	335	232	380	549	615
N. Mex	309	243	220	313	285	225	32	93	-	100	88	88
N.Y	3,306	3,297	2,560	3,309	3,296	2,569	57	618	930	964	740	773
N.C	802	590	802	874	644	874	100	472	-	302	-	200
N. Dak	2,726	2,617	2,340	2,707	2,608	2,361	53	361	1,360	587	346	346
Ohio	3,259	3,098	2,619	3,285	3,116	2,654	88	935	1,319	312	631	632
Okla	1,683	1,287	1,026	1,675	1,284	1,050	77	567	-	406	625	625
Oreg	1,446	1,136	1,093	1,447	1,200	1,072	36	239	-	797	375	375
Pa	4,935	3,159	4,407	5,246	3,282	4,665	66	1,015	1,549	2,035	581	581
R.I	115	90	112	120	90	117	-	8	31	78	3	40
S.C	583	477	490	585	507	492	46	264	-	182	93	93
S. Dak	1,770	1,667	1,542	1,727	1,632	1,533	64	311	1,010	148	194	194
Tenn	881	432	867	905	447	891	94	326	-	471	14	147
Tex	3,624	3,005	2,450	3,883	3,248	2,745	254	1,066	-	1,425	1,138	1,138
Utah	459	389	419	492	422	452	29	216	-	207	40	40
Vt	658	632	386	647	623	375	14	57	237	67	272	272
Va	385	328	385	389	324	389	95	229	-	65	-	136
Wash	1,682	1,390	1,365	1,666	1,453	1,364	39	265	-	1,060	302	302
W. Va	508	337	453	595	338	540	55	227	-	258	55	55
Wis	2,448	2,331	2,031	2,518	2,379	2,108	72	576	1,270	190	410	452
Wyo	383	268	313	385	285	330	23	90	-	217	55	55

- Represents zero. [1] Excluding areas corresponding to counties but having no organized county government. [2] Includes 1,374 other local public school systems operated as part of a State, county, municipal, or township government and excluded from independent school-district figure and from "All types of local governments."

Source: U.S. Bureau of the Census, *Census of Governments: 1972* and *1977*, vol. 1, No. 1, *Governmental Organization.*

NO. 509. COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1977, AND THEIR ESTIMATED POPULATION, 1975, BY POPULATION-SIZE GROUPS

[Number of governments as of **January 1977**; population estimates as of **July 1, 1975**. Township governments include "towns" in the 6 New England States, New York, and Wisconsin]

POPULATION-SIZE GROUP	COUNTIES			MUNICIPALITIES			TOWNSHIPS		
	Number, 1977	Population, 1975		Number, 1977	Population, 1975		Number, 1977	Population, 1975	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total	**3,042**	**189,691**	**100.0**	**18,862**	**136,761**	**100.0**	**16,822**	**48,344**	**100.0**
250,000 or more	137	92,392	48.7	58	41,638	30.4	31	5,740	11.9
100,000-249,999	206	32,085	16.9	105	14,896	10.9			
50,000-99,999	336	23,503	12.4	230	16,091	11.8	72	4,799	9.9
25,000-49,999	596	20,976	11.0	514	17,939	13.1	190	6,479	13.4
10,000-24,999	980	16,079	8.5	1,212	19,002	13.9	660	10,185	21.1
5,000-9,999	496	3,758	2.0	1,461	10,299	7.5	870	6,081	12.6
2,500-4,999				2,004	7,040	5.1	1,595	5,505	11.4
1,000-2,499	291	897	.4	3,664	5,872	4.3	3,657	5,808	12.0
Less than 1,000				9,614	3,985	2.9	9,747	3,747	7.8

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 1, *Governmental Organization.*

NO. 510. COUNTY GOVERNMENTS—SUMMARY OF FINANCES, 1974 TO 1978, AND PER CAPITA, BY POPULATION-SIZE GROUP: 1978

[Per capita based on population estimates as of **July 1, 1977.** Covers fiscal years ending between **July 1** of preceding year and **June 30** of year stated]

ITEM	ALL COUNTIES (mil. dol.)					PER CAPITA (dollars), 1978					
						All counties		Counties with 1977 population (in 1,000) of—			
	1974	1975	1976	1977	1978	Total (3,042)	Percent distribution	Less than 100 (2,688) [1]	100-199.9 (169) [1]	200-299.9 (71) [1]	300 or more (114) [1]
General revenue	**30,246**	**32,893**	**36,942**	**41,441**	**46,048**	**238.12**	**100.0**	**209.83**	**203.71**	**221.12**	**271.84**
Intergovernmental revenue [2]	13,799	14,755	16,677	18,787	20,879	107.97	45.3	98.19	90.07	106.91	120.24
From State govt	11,023	11,842	13,156	14,315	15,388	79.57	33.4	72.52	62.92	78.90	89.39
From Federal govt	2,320	2,385	2,911	3,741	4,825	24.95	10.5	23.77	24.18	24.84	26.06
Gen. revenue sharing	1,722	1,595	1,612	1,671	1,721	8.90	3.7	10.55	7.49	7.59	8.29
Tax revenue	11,662	12,660	14,130	15,865	17,435	90.16	37.9	68.18	75.73	75.51	113.40
Property	9,573	10,316	11,582	12,888	14,017	72.48	30.4	55.35	59.35	61.59	100.00
Charges and misc	4,784	5,478	6,135	6,789	7,735	40.00	16.8	43.46	37.91	38.70	38.20
General expenditure	**28,879**	**32,744**	**37,478**	**41,282**	**44,762**	**231.47**	**100.0**	**200.70**	**197.74**	**214.33**	**266.89**
Capital outlay	3,862	4,850	5,236	5,063	5,078	26.26	11.3	25.28	24.62	20.36	28.60
Other	25,017	27,894	32,241	36,219	39,684	205.21	88.7	175.43	173.08	193.97	238.29
Public welfare	6,342	6,169	7,079	7,842	8,212	42.47	18.4	20.65	30.20	46.64	61.27
Education	4,757	5,643	5,996	6,634	6,963	36.01	15.6	45.90	35.86	30.71	29.66
Highways	3,118	3,458	3,733	3,849	4,035	20.87	9.0	33.72	19.39	15.35	12.68
Hospitals	2,899	3,337	3,860	4,346	4,754	24.59	10.6	24.94	14.16	18.40	28.28
General control	1,706	1,986	2,282	2,560	2,895	14.97	6.5	11.37	13.25	15.01	18.13
Police protection	1,210	1,450	1,721	1,916	2,150	11.17	4.8	8.95	10.63	9.38	13.23
Financial administration	765	883	980	1,092	1,235	6.38	2.8	6.35	6.06	6.27	6.53
General public buildings	650	824	960	933	970	5.02	2.2	4.92	5.53	5.87	4.79
Health	1,128	1,428	1,684	1,957	2,227	11.52	5.0	7.43	10.85	13.74	14.32
Correction	818	980	1,110	1,244	1,433	7.41	3.2	3.12	5.10	6.90	11.35
Natural resources	429	510	664	558	574	2.97	1.3	2.51	1.61	2.07	3.85
Parks and recreation	609	741	820	887	941	4.86	2.1	2.02	3.27	3.39	7.72
Interest on general debt	695	795	896	992	1,122	5.80	2.5	4.37	5.53	5.81	6.95
Other and unallocable	3,752	4,541	5,692	6,479	7,251	37.44	16.2	24.43	36.47	34.79	48.15
Debt outstanding, end of year	**17,486**	**18,935**	**20,372**	**22,590**	**24,938**	**128.96**	**100.0**	**96.19**	**131.33**	**134.68**	**151.84**
Long-term	16,353	17,617	19,028	21,367	23,876	123.46	95.7	(NA)	(NA)	(NA)	(NA)
Short-term	1,133	1,318	1,343	1,223	1,063	5.49	4.3	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Figures in parentheses represent number of counties in each size group.
[2] Includes other intergovernmental revenue not shown separately.

Source: U.S. Bureau of the Census, *County Government Finances* series GF, No. 8, annual.

No. 511. Gross Assessed Value of Property and Government Revenue from Property Taxes: 1966 to 1979

[In billions of dollars, except percent. Minus sign (–) denotes decrease]

ITEM	1966	1971	1973	1975	1976	1978	1979
Gross assessed property	**499.0**	**717.8**	**872.6**	**1,096.3**	**1,229.1**	**1,509.7**	[1] **1,678.8**
State assessed	41.6	53.5	59.4	74.8	84.8	108.4	113.5
Locally assessed	457.4	664.2	813.2	1,021.5	1,144.3	1,401.3	1,565.3
Real property	393.2	573.9	704.6	881.6	992.5	1,212.6	1,358.5
Percent of locally assessed	86.0	86.4	86.6	86.3	86.4	86.4	86.8
Net assessed value of locally taxable property [2]	484.1	694.6	845.0	1,062.9	1,189.4	1,443.2	1,607.3
Percent of gross assessed	97.0	96.8	96.8	97.0	96.8	95.6	95.7
REVENUE FROM PROPERTY TAXES							
Total revenue, State and local	**24.7**	**37.9**	**45.3**	**51.5**	**57.0**	**66.4**	**64.9**
Percent of general revenue	29.7	26.1	23.8	22.6	22.3	21.0	18.9
Percent of tax revenue	43.6	39.9	37.4	36.4	36.3	34.3	31.6
Revenue, State governments	.8	1.1	1.3	1.5	2.1	2.4	2.5
Percent of all revenue	1.5	1.1	1.0	.9	1.1	1.1	1.0
Percent of tax revenue	2.8	2.2	1.9	1.8	2.4	2.1	2.0
Revenue, local governments	23.8	36.7	44.0	50.0	54.9	64.1	62.5
Annual average percent change from prior year shown	[3] 9.3	9.0	7.6	6.6	9.7	8.1	–2.6
Percent of all revenue	40.2	36.4	34.1	32.2	30.8	29.9	26.6
Percent of tax revenue	87.1	84.6	82.9	81.6	81.2	80.0	77.5

[1] Includes 1978 data for 11 States. See footnote 3, table 512. [2] Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. [3] Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967* and *1977*, vol. 2, *Property Values Subject to Local General Property Taxation in the United States: 1973, 1975, 1978, and 1979*, series GSS Nos. 80, 92, and 98; and *Governmental Finances*, series GF, No. 5, annual.

No. 512. Gross Assessed Value of Property Subject to Local General Property Taxation, 1979, and Revenue from Property Tax, 1978—States

[In billions of dollars, except percent. Excludes value of totally exempt property. U.S. figures excluding partially exempt property amounted to a net value of $1,607 billion in 1979. Excluded from property tax base were: (1) Property owned by nonprofit and other qualifying groups or institutions (used for government, religion, nonprofit medical care, and education); (2) new industrial plants exempt for stated periods of time as inducement to new industry; and (3) property exempted by specific legislative action]

STATE	GROSS VALUE OF PROPERTY, 1979		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX, 1978			STATE	GROSS VALUE OF PROPERTY, 1979		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX, 1978		
	Total assessed	Locally assessed	Total	Percent of—			Total assessed	Locally assessed	Total	Percent of—	
				General revenue	Tax revenue					General revenue	Tax revenue
U.S.	**1,678.8**	**1,565.3**	**66.4**	**21.0**	**34.3**	Mo	17.3	15.2	.9	17.8	29.9
						Mont [1 2]	[3] 1.6	[3] 1.2	.3	25.2	48.1
Ala	8.5	8.9	.3	6.1	12.2	Nebr	11.8	11.6	.5	25.4	42.9
Alaska	18.6	11.0	.3	21.2	43.2	Nev	[3] 6.6	[3] 6.0	.2	18.2	31.4
Ariz	7.2	4.9	.8	24.1	37.6	N.H	10.7	10.7	.3	34.8	58.8
Ark	4.6	3.7	.3	11.0	21.3	N.J	[3] 97.1	[3] 97.0	3.5	32.3	48.0
Calif	132.9	125.4	11.0	26.5	40.2	N. Mex	5.5	3.0	.1	7.9	16.1
Colo	12.4	11.2	.8	20.9	35.7	N.Y	[3] 89.7	[3] 85.0	8.4	23.8	36.0
Conn	37.1	37.1	1.4	31.3	46.4	N.C	[3] 79.0	[3] 71.1	.8	13.6	23.3
Del	3.9	3.9	.1	8.6	15.5	N.Dak. [3]	.8	.8	.2	15.9	33.3
D.C	13.1	13.1	.2	9.4	23.4	Ohio	69.4	51.6	2.7	21.2	35.2
Fla	158.2	157.7	2.0	18.9	32.6	Okla	6.8	5.4	.4	11.0	20.3
Ga	36.9	33.4	1.0	15.4	28.8	Oreg	64.1	59.7	.9	22.1	41.6
Hawaii [1]	15.1	15.1	.2	9.3	16.4	Pa	[3] 27.6	[3] 27.6	2.6	16.7	25.8
Idaho	2.9	2.5	.2	16.8	30.6	R.I	8.1	8.1	.3	25.0	42.5
Ill. [2]	[3] 67.2	[3] 65.8	3.7	23.9	35.5	S.C	2.6	2.1	.4	12.3	22.6
Ind	[3] 17.0	[3] 15.3	1.3	21.6	34.6	S.Dak	4.4	4.2	.2	24.6	47.2
Iowa	58.6	53.8	.9	22.9	38.2	Tenn	13.6	12.3	.6	13.1	23.9
Kans	10.0	8.4	.8	25.6	41.9	Tex	64.6	64.4	3.3	21.3	35.7
Ky	47.6	43.0	.4	10.4	18.2	Utah	5.2	4.2	.3	15.3	28.2
La	[3] 8.1	[3] 6.7	.4	7.3	13.6	Vt	6.2	6.2	.2	22.6	42.2
Maine	15.7	15.7	.3	22.0	38.2	Va	85.5	79.5	1.1	16.8	28.0
Md. [1]	37.3	31.1	1.2	17.4	28.5	Wash	78.7	75.0	1.1	18.3	30.8
Mass	43.9	43.2	3.0	31.1	47.5	W. Va	[3] 12.4	[3] 10.4	.2	9.9	17.8
Mich. [4]	72.5	72.5	3.2	22.1	36.3	Wis	56.0	51.1	1.5	21.3	33.6
Minn.	[3] 15.9	[3] 15.8	1.2	18.3	30.0	Wyo	3.8	1.2	.2	21.9	40.3
Miss	[3] 4.3	[3] 3.4	.3	10.8	21.7						

[1] All assessment is performed by a State agency but assessed values are shown here as "locally assessed" for comparability with other States. [2] Two sets of values are locally recorded for taxable property. For comparability with data for other States, assessed values shown here pertain to final values against which tax rates are applied, rather than to preliminary "full and true," "true and full," and "market," or (in Illinois) local unadjusted values. [3] 1978 values. [4] State-equalized values, which are the legal values for levy of authorized tax rates within State.

Source: U.S. Bureau of the Census, *Property Values Subject to Local General Property Taxation in the United States: 1979*, series GSS No. 98 and *Governmental Finances in 1977–78*, series GF 78, No. 5.

No. 513. City Governments—Summary of Finances: 1960 to 1978

[**In millions of dollars, except percent.** Represents all municipalities (see table 508) and their dependent agencies; excludes other local governments overlying city areas. See text, p. 286. Includes sample-based estimates for cities of less than 25,000 for 1960, and less than 50,000 beginning 1965; thus subject to sampling variation. See Appendix III]

ITEM	1960	1965	1970	1975	1976	1977	1978	PERCENT OF TOTAL	
								1970	1978
Revenue	**14,915**	**20,318**	**32,704**	**59,744**	**66,856**	**73,797**	**80,125**	**100.0**	**100.0**
General revenue	11,647	15,881	26,621	49,853	55,341	60,921	65,486	81.4	81.7
Intergovernmental revenue	2,321	3,534	7,906	19,648	22,234	24,176	25,833	24.2	32.2
From State governments only	1,868	2,745	6,173	13,053	13,772	14,236	14,482	18.9	18.1
Taxes	7,109	9,289	13,647	21,135	23,336	26,067	27,830	41.7	34.7
Property	5,197	6,537	9,127	13,046	14,165	15,657	16,293	27.9	20.3
Percent of total taxes	73.1	70.4	66.9	61.7	60.7	60.1	58.5	(X)	(X)
Sales and gross receipts	1,217	1,795	2,422	4,555	5,109	5,805	6,508	7.4	8.1
General	797	1,184	1,479	2,769	3,083	3,511	3,996	4.5	4.9
Selective	420	611	943	1,786	2,026	2,294	2,512	2.9	3.1
Licenses and other	695	957	2,098	3,534	4,063	4,604	5,029	6.4	6.7
Charges and miscellaneous	2,217	3,061	5,068	9,071	9,771	10,678	11,824	15.5	14.8
Current charges only	1,342	1,951	3,113	5,443	6,161	6,872	7,685	9.5	9.6
Utility and liquor store revenue	2,861	3,852	5,168	8,409	9,708	10,905	12,501	15.8	15.6
Water system	1,253	1,651	2,201	3,266	3,454	3,833	4,293	6.7	5.4
Electric power system	1,006	1,441	1,883	3,682	4,598	5,288	6,283	5.8	7.8
Gas supply system	162	215	292	448	522	628	741	.9	.9
Transit system	370	453	671	821	929	944	970	2.1	1.2
Liquor stores	71	92	121	192	204	212	214	.4	.1
Insurance trust revenue	407	582	915	1,482	1,807	1,971	2,136	2.8	2.7
Expenditure	**15,251**	**20,680**	**34,173**	**60,703**	**67,460**	**70,599**	**77,283**	**100.0**	**100.0**
General expenditure [1]	11,818	16,012	27,682	48,935	54,425	56,145	60,964	81.0	78.9
Police protection	1,275	1,739	2,994	5,420	6,015	6,445	6,991	6.8	9.0
Fire protection	885	1,146	1,762	2,968	3,257	3,496	3,855	5.2	5.0
Highways	1,573	1,807	2,499	3,861	4,245	4,273	4,740	7.3	6.1
Sewerage and other sanitation	1,332	1,774	2,553	5,229	5,557	5,753	6,251	7.5	8.1
Public welfare	608	927	2,215	3,846	4,544	4,624	4,357	6.5	5.6
Education	1,801	2,489	4,548	7,164	7,610	7,633	7,973	13.3	10.3
Libraries	185	267	407	632	684	668	732	1.2	1.0
Health and hospitals	799	1,115	1,944	3,641	3,462	3,290	3,618	5.7	4.7
Parks and recreation	551	775	1,306	2,274	2,558	2,496	2,798	3.8	3.6
Housing and urban renewal	464	686	1,154	1,752	1,525	1,747	2,084	3.4	2.7
Airports	189	182	435	615	671	589	772	1.3	1.0
Financial administration	598	291	457	819	912	1,004	1,399	1.3	1.8
General control		468	776	1,440	1,611	1,755	1,738	2.3	2.2
General public buildings	182	329	430	845	934	838	914	1.3	1.2
Interest on general debt	431	603	1,098	2,294	2,683	2,644	2,869	3.2	3.7
Other and unallocable	946	1,414	3,104	6,135	8,157	8,888	9,873	9.1	12.8
Utility and liquor store expenditure	2,975	4,044	5,489	9,896	11,036	12,278	13,912	16.1	18.0
Water system	1,424	1,820	2,337	3,776	3,958	4,467	4,921	6.8	6.4
Electric power system	859	1,291	1,811	3,779	4,560	5,275	6,402	5.3	8.3
Gas supply system	143	193	260	407	463	541	653	.8	.8
Transit system	489	662	974	1,765	1,875	1,806	1,746	2.9	2.3
Liquor stores	60	78	107	169	179	188	190	.3	.2
Insurance trust expenditure	458	624	1,002	1,872	2,000	2,177	2,408	2.9	3.1
By character and object:									
Direct expenditure	15,093	20,425	33,792	59,989	65,890	69,030	75,353	98.9	97.5
Current operation	9,874	13,564	22,895	41,451	46,705	50,287	55,371	67.0	71.6
Capital outlay	3,691	4,750	7,103	12,054	11,923	11,273	12,145	20.8	15.7
Construction and equip. [2]	3,256	4,197	6,371	11,216	11,204	10,690	9,944	18.6	12.9
Land and existing structures [2]	436	553	733	838	718	583	2,201	2.1	2.8
Assistance payments	386	530	1,245	1,594	1,787	1,794	1,584	3.6	2.0
Interest on debt	684	957	1,547	3,018	3,475	3,500	3,846	4.5	5.0
Insurance benefits, repayments	458	624	1,002	1,872	2,000	2,177	2,408	2.9	3.1
Intergovernmental expenditure	158	255	381	714	1,570	1,569	1,930	1.1	2.5
Total personal services [3]	6,772	9,075	14,784	24,635	26,367	27,599	29,606	43.4	38.3
Debt outstanding, year end	**23,178**	**31,862**	**43,773**	**65,239**	**68,797**	**71,497**	**78,167**	**100.0**	**100.0**
Long-term	21,904	29,280	38,870	55,789	62,119	66,929	74,983	88.8	95.9
Full faith and credit	14,473	18,477	22,005	31,886	36,839	38,646	40,828	50.3	52.2
Nonguaranteed	7,430	10,803	16,863	23,903	25,280	28,283	34,155	38.5	43.7
Short-term	1,274	2,582	4,903	9,450	6,677	4,568	3,184	11.2	4.1
Net long-term debt outstanding	20,103	26,774	36,087	51,437	57,322	61,046	67,023	82.4	85.7
Long-term debt issued	2,420	3,347	3,810	5,754	9,684	9,874	11,302	(X)	(X)
Long-term debt retired	1,318	1,776	2,310	3,656	3,868	4,477	4,865	(X)	(X)

X *Not applicable.* [1] *Includes intergovernmental expenditure.* [2] Beginning 1977, equipment included with land and existing structures. [3] Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 514. City Governments—Finances, by Population-Size Groups: 1978

Item	All cities	Cities having a 1977 population of—						
		Less than 50,000	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1977	18,915	18,508	246	96	17	24	18	6
Population, 1977 (mil.)	138.6	65.2	17.0	13.3	4.3	9.1	12.0	17.7
FINANCES (mil. dol.)								
General revenue [1]	**65,486**	**17,161**	**6,669**	**6,207**	**2,193**	**4,950**	**8,423**	**19,884**
Intergovernmental	25,833	5,959	2,278	2,496	847	1,973	3,674	8,606
From State governments	14,482	3,340	1,200	1,168	441	756	1,425	6,152
From Federal government	10,234	2,179	991	1,152	377	1,090	2,104	2,341
Revenue sharing	2,487	784	263	244	89	199	277	631
Taxes [1]	27,830	7,057	3,048	2,580	934	1,951	3,485	8,775
Property	16,293	4,495	2,153	1,787	549	984	1,905	4,420
Percent of total taxes	58.5	63.7	70.6	69.3	58.8	50.4	54.7	50.4
Sales and gross receipts	6,508	1,666	610	529	263	604	836	2,000
Current charges	7,685	2,550	903	749	240	654	836	1,753
Water supply and other utility	12,287	5,334	1,130	1,331	302	787	1,344	2,059
General expenditure [1]	**60,964**	**16,192**	**6,479**	**5,895**	**2,274**	**4,796**	**7,997**	**17,331**
Education	7,973	1,309	904	999	398	443	1,077	2,843
Highways	4,740	2,172	590	477	165	328	520	488
Public welfare	4,357	63	42	86	49	97	501	3,519
Health and hospitals	3,618	1,374	635	268	122	234	257	728
Police and fire protection	10,846	3,347	1,315	1,111	373	920	1,334	2,446
Sewerage and sanitation	6,251	2,328	732	633	241	568	752	997
Housing and urban renewal	2,084	497	274	237	75	137	236	628
Interest on general debt	2,869	702	241	231	119	244	353	979
Water supply and other utility	13,722	5,709	1,191	1,390	354	908	1,502	2,668
Gross debt outstanding	**78,167**	**23,369**	**6,946**	**6,866**	**3,580**	**6,953**	**8,924**	**21,529**
Long-term	74,983	22,462	6,535	6,615	3,373	6,717	8,438	20,843
Short-term	3,184	907	411	251	207	236	486	686
PERCENT DISTRIBUTION								
General revenue [1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Intergovernmental	39.4	34.7	34.2	40.2	38.6	39.9	43.6	43.3
Taxes [1]	42.5	41.1	45.7	41.6	42.6	39.4	41.4	44.1
Property	24.9	26.2	32.3	28.8	25.0	19.9	22.6	22.2
Sales and gross receipts	9.9	9.7	9.1	8.5	12.0	12.2	9.9	10.1
Current charges	11.7	14.9	13.5	12.1	10.9	13.2	9.9	8.8
General expenditure [1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Education	13.1	8.1	14.0	16.9	17.5	9.2	13.5	16.4
Highways	7.8	13.4	9.1	8.1	7.3	6.8	6.5	2.8
Public welfare	7.1	.4	.6	1.5	2.2	2.0	6.3	20.3
Health and hospitals	6.0	8.5	9.8	4.5	5.4	4.9	3.2	4.2
Police and fire protection	17.8	20.7	20.3	18.8	16.4	19.2	16.7	14.1
Sewerage and sanitation	10.2	14.4	11.3	10.7	10.6	11.8	9.4	5.8
Housing and urban renewal	3.4	3.1	4.2	4.0	3.3	2.9	3.0	5.6
Interest on general debt	4.7	4.3	3.7	3.9	5.2	5.1	4.4	15.4
PER CAPITA [2] (dollars)								
General revenue [1]	**473**	**263**	**393**	**466**	**513**	**547**	**703**	**1,121**
Intergovernmental	186	91	134	187	198	218	307	485
From State governments	105	51	71	88	103	83	119	347
From Federal government	74	33	58	66	88	120	176	132
Revenue sharing	18	12	15	18	21	22	23	36
Taxes [1]	201	108	179	194	218	215	291	495
Property	118	69	127	134	128	109	159	249
Sales and gross receipts	47	26	36	40	61	67	70	113
Current charges	55	39	53	56	56	72	70	99
Water supply and other utility	89	82	67	100	71	87	112	116
General expenditure [1]	**440**	**248**	**381**	**443**	**531**	**530**	**668**	**977**
Education	58	20	53	75	93	49	90	160
Highways	34	33	35	36	39	36	43	28
Public welfare	31	1	2	6	11	11	42	198
Health and hospitals	26	11	15	18	29	30	53	77
Police and fire protection	78	51	77	83	87	102	111	138
Sewerage and sanitation	45	36	43	48	56	63	63	56
Housing and urban renewal	15	8	16	18	18	15	20	35
Interest on general debt	21	11	14	17	28	27	29	55
Water supply and other utility	99	88	70	104	83	100	125	150
Gross debt outstanding	**564**	**358**	**409**	**515**	**837**	**768**	**745**	**1,213**
Long-term	541	345	385	497	788	742	704	1,175
Short-term	23	14	24	19	48	26	41	39

[1] Includes items not shown separately. [2] Based on population as of July 1, 1977.

Source: U.S. Bureau of the Census, *City Government Finances in 1977-78*, series GF78, No. 4.

No. 515. City Governments—Finances,

[In millions of dollars. For fiscal year closed

CITIES RANKED BY POPULATION SIZE, 1977	REVENUE								Gross debt outstanding
		General revenue						Utility revenue	
			Intergovernmental revenue		Taxes				
	Total[1]	Total[1]	From State and local govts.	From Federal Government	Total[1]	Property	Sales and gross receipts		
New York, N.Y	15,971	14,323	5,516.0	1,110.5	6,143.2	3,272.5	1,361.0	952.9	14,343
Chicago, Ill	1,661	1,401	187.8	384.4	668.9	305.4	275.2	111.0	1,310
Los Angeles, Calif	2,345	1,421	144.2	304.3	661.2	331.4	225.3	780.1	2,718
Philadelphia, Pa	1,425	1,313	177.0	259.9	692.8	183.5	3.8	39.3	1,555
Houston, Tex	577	482	11.9	62.5	272.2	163.1	101.6	79.8	918
Detroit, Mich	1,113	944	228.1	218.9	336.5	163.9	33.0	95.6	685
Dallas, Tex	372	302	4.6	34.9	186.7	118.8	65.6	49.9	486
Baltimore, Md	1,136	1,062	453.6	212.6	311.2	209.8	29.1	24.5	493
San Diego, Calif	346	288	46.3	65.0	107.3	47.2	50.6	41.1	140
San Antonio, Tex	507	170	5.8	54.2	65.3	39.3	24.1	332.1	715
Honolulu, Hawaii[2]	354	320	14.0	123.7	149.9	120.7	14.2	33.1	276
Indianapolis, Ind	350	343	80.1	81.5	110.8	107.2	1.4	5.6	284
Washington, D.C	1,791	1,684	29.9	696.3	847.7	197.8	314.4	18.7	1,581
Phoenix, Ariz	321	281	58.0	76.0	93.9	35.6	53.5	31.9	545
Memphis, Tenn	755	421	187.2	66.3	93.2	67.6	13.9	311.6	733
San Francisco, Calif	1,059	905	206.0	156.1	379.0	252.2	69.4	92.5	657
Milwaukee, Wis	351	293	92.6	51.6	101.7	93.4	.9	21.1	285
Boston, Mass	852	794	174.2	106.7	430.4	426.1	-	23.5	599
Cleveland, Ohio	378	309	35.4	100.5	101.0	40.1	1.1	69.2	478
San Jose, Calif	227	214	45.1	25.7	93.4	39.4	38.4	1.3	146
New Orleans, La	317	293	34.7	89.0	104.7	33.7	63.2	16.4	372
Columbus, Ohio	227	195	20.8	49.4	76.4	8.5	.9	31.9	340
Jacksonville, Fla.[2]	463	230	49.4	38.8	69.6	44.8	20.4	226.8	644
St. Louis, Mo	365	331	33.0	75.8	171.7	33.4	74.8	12.3	152
Seattle, Wash	385	254	33.4	49.4	98.8	35.8	41.5	114.4	516
Denver, Colo	437	390	64.8	67.4	151.5	58.4	76.1	36.4	442
Kansas City, Mo	307	276	11.2	68.8	140.6	24.8	58.2	18.0	307
Pittsburgh, Pa	187	167	30.2	40.0	83.5	43.4	7.1	13.1	138
Nashville-Davidson, Tenn.[2]	559	340	64.6	57.1	153.0	96.8	44.4	209.2	552
Atlanta, Ga	290	246	42.8	33.4	85.2	59.1	26.0	26.0	911
Cincinnati, Ohio	301	265	43.7	63.6	105.9	27.6	1.6	18.8	204
El Paso, Tex	110	96	2.6	29.8	37.3	22.4	13.4	49.9	59
Buffalo, N.Y	405	393	162.1	100.9	98.9	94.4	2.9	11.5	318
Portland, Oreg	181	166	13.3	51.9	67.4	50.0	8.0	13.1	109
Oklahoma City, Okla	192	168	3.9	48.0	75.1	25.2	48.1	16.1	409
Fort Worth, Tex	160	132	6.2	36.6	54.7	33.7	19.1	16.9	196
Omaha, Nebr	136	132	17.3	43.9	55.0	32.4	19.0	-	116
Minneapolis, Minn	232	204	51.5	43.3	76.2	65.8	6.5	10.5	308
Toledo, Ohio	141	130	12.2	34.9	49.9	8.0	.3	10.3	154
Miami, Fla	128	114	22.1	15.0	66.7	42.9	19.9	-	134
Long Beach, Calif	246	193	19.7	30.1	70.5	38.0	25.0	53.0	85
Tulsa, Okla	158	139	3.9	34.8	54.6	11.2	41.8	14.1	328
Oakland, Calif	212	203	18.4	61.7	74.3	40.4	26.2	-	157
Newark, N.J	386	374	183.6	44.4	131.6	95.6	23.4	10.8	169
Austin, Tex	260	115	4.6	18.9	48.5	32.7	14.5	137.3	533
Louisville, Ky	234	206	33.3	68.5	59.4	17.9	2.8	24.4	340
Baton Rouge, La	137	132	12.9	27.5	61.9	17.6	40.0	1.5	290
Tucson, Ariz	137	115	24.3	20.5	50.1	10.2	37.7	20.8	178
Charlotte, N.C	136	124	21.5	38.8	45.4	43.2	-	10.4	166
Albuquerque, N. Mex	137	123	37.3	27.4	32.4	19.4	9.0	14.0	126
Birmingham, Ala	168	137	9.2	31.0	60.1	11.3	18.8	22.1	402
Norfolk, Va	228	210	58.9	40.9	85.1	43.0	32.6	14.4	213
Wichita, Kans	120	108	11.0	20.8	36.6	29.9	5.2	10.2	396
St. Paul, Minn	159	144	40.5	30.8	41.3	29.1	10.3	12.0	347
Tampa, Fla	134	112	13.3	26.0	41.1	21.9	16.3	11.7	148
Sacramento, Calif	132	116	13.4	21.8	50.2	25.4	21.0	7.1	85
Rochester, N.Y	228	216	61.7	12.7	125.2	97.0	16.8	11.6	299
Akron, Ohio	100	88	8.0	19.7	39.0	8.9	.1	11.2	118
St. Petersburg, Fla	88	75	10.7	14.5	26.2	12.8	11.7	10.1	208
Virginia Beach, Va	150	142	48.2	14.3	66.4	37.7	20.8	8.1	146
Jersey City, N.J	184	175	64.3	17.1	86.1	68.8	16.7	7.7	125
Richmond, Va	276	229	55.0	29.9	113.2	66.5	30.1	46.2	311
Corpus Christi, Tex	81	54	.9	16.6	26.2	17.1	8.8	26.8	79

- Represents zero or rounds to zero. Z Less than $50,000. [1] Includes categories not shown separately.
[2] Represents city and county consolidated government.

LARGEST CITIES: 1978

In the 12 months ending June 30, 1978]

EXPENDITURE									
	General expenditure								
Total[1]	Total[1]	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal	CITIES RANKED BY POPULATION SIZE, 1977
14,762	12,365	2,743.5	194.5	3,414.6	1,120.7	726.9	324.5	486.3	New York, N.Y.
1,440	1,246	18.7	82.1	28.1	85.2	334.4	107.6	14.0	Chicago, Ill.
2,116	1,036	26.9	76.9	-	5.1	241.7	101.9	25.0	Los Angeles, Calif.
1,508	1,377	39.0	72.2	75.6	86.2	189.1	60.5	51.9	Philadelphia, Pa.
514	416	.3	26.6	-	18.0	77.4	52.7	-	Houston, Tex.
1,124	891	14.8	36.3	.7	43.2	174.5	54.5	50.8	Detroit, Mich.
332	268	-	29.2	-	5.2	50.1	27.2	.3	Dallas, Tex.
1,083	1,023	322.6	125.8	5.1	77.1	76.6	36.9	37.9	Baltimore, Md.
306	241	10.5	17.5	-	.1	33.4	18.9	11.4	San Diego, Calif.
610	190	.6	15.4	.9	11.1	29.4	14.8	7.1	San Antonio, Tex.
345	282	-	23.5	-	3.9	37.1	18.5	7.0	Honolulu, Hawaii.[2]
347	324	1.5	27.1	41.6	61.8	34.9	15.0	4.1	Indianapolis, Ind.
1,783	1,658	324.7	55.8	265.1	138.6	140.3	54.9	36.9	Washington, D.C.
326	288	5.4	33.2	.3	.8	50.8	21.7	9.6	Phoenix, Ariz.
704	387	160.8	20.6	.8	5.7	35.1	29.8	.1	Memphis, Tenn.
993	776	4.4	26.3	146.9	108.3	48.7	36.6	23.1	San Francisco, Calif.
283	244	.8	24.6	-	6.3	48.4	21.9	15.0	Milwaukee, Wis.
865	801	237.6	21.1	3.9	87.3	71.6	48.2	32.4	Boston, Mass.
423	345	1.8	19.0	1.8	10.3	58.5	27.6	10.9	Cleveland, Ohio.
179	172	-	17.5	-	-	30.0	16.2	2.0	San Jose, Calif.
293	266	1.1	21.9	4.0	8.0	31.2	14.8	19.5	New Orleans, La.
240	201	-	15.4	-	6.8	30.6	19.9	.3	Columbus, Ohio.
454	226	-	12.8	4.3	34.0	24.0	14.4	9.3	Jacksonville, Fla.[2]
330	306	4.9	13.7	4.1	66.6	48.6	17.3	8.5	St. Louis, Mo.
379	231	1.8	18.7	-	6.8	34.2	23.2	10.0	Seattle, Wash.
435	380	-	13.1	55.4	53.4	37.8	21.7	1.2	Denver, Colo.
275	248	13.2	20.9	.8	16.4	38.0	22.2	7.9	Kansas City, Mo.
195	171	-	24.4	-	-	27.7	24.9	4.7	Pittsburgh, Pa.
580	358	127.4	26.1	3.9	39.7	21.2	15.3	.1	Nashville-Davidson, Tenn.[2]
304	261	4.7	14.2	2.9	.2	27.7	14.0	.6	Atlanta, Ga.
289	249	-	12.0	-	15.9	27.7	19.9	13.6	Cincinnati, Ohio.
92	75	-	5.2	-	2.1	13.6	7.3	.3	El Paso, Tex.
374	367	40.2	8.2	-	1.2	25.0	22.0	22.3	Buffalo, N.Y.
216	187	1.3	11.4	-	36.8	25.5	17.4	6.9	Portland, Oreg.
173	142	.3	16.1	-	-	14.6	14.2	6.2	Oklahoma City, Okla.
142	119	-	13.3	-	2.3	15.0	10.5	-	Fort Worth, Tex.
138	135	-	16.5	-	2.0	13.2	11.0	5.7	Omaha, Nebr.
226	188	-	24.5	-	6.0	19.5	12.3	8.0	Minneapolis, Minn.
150	137	-	13.5	-	6.2	19.4	14.2	11.8	Toledo, Ohio
125	117	-	9.7	-	.1	23.3	16.3	-	Miami, Fla.
246	201	2.1	5.8	-	3.7	31.1	18.4	4.1	Long Beach, Calif.
146	128	.5	12.2	-	6.6	10.7	10.0	6.3	Tulsa, Okla.
191	173	.6	15.9	-	-	24.1	16.8	8.8	Oakland, Calif.
365	350	150.8	4.9	33.6	3.5	34.5	24.4	1.4	Newark, N.J.
331	125	.1	12.0	.3	30.1	11.4	7.5	2.1	Austin, Tex.
212	173	-	4.8	-	6.5	20.0	11.0	11.3	Louisville, Ky.
165	160	-	11.4	.1	26.8	15.9	7.6	-	Baton Rouge, La.
148	122	-	13.7	-	-	16.1	11.4	3.9	Tucson, Ariz.
129	115	-	11.8	-	-	12.0	9.6	2.7	Charlotte, N.C.
138	116	-	7.0	-	1.3	14.9	10.8	1.1	Albuquerque, N. Mex.
156	128	6.7	8.5	-	1.7	15.7	12.5	1.5	Birmingham, Ala.
191	165	63.8	7.8	12.9	9.9	12.1	8.7	-	Norfolk, Va.
226	207	-	15.2	-	86.2	7.7	6.4	1.0	Wichita, Kans.
171	156	-	16.3	.5	3.5	15.0	10.5	15.9	St. Paul, Minn.
157	130	-	6.6	-	-	18.3	14.2	.6	Tampa, Fla.
120	107	-	4.1	-	.3	19.5	13.3	5.9	Sacramento, Calif.
290	281	115.3	23.7	-	-	16.2	14.5	3.2	Rochester, N.Y.
94	83	-	15.9	-	5.2	9.7	7.2	10.7	Akron, Ohio.
89	72	-	6.3	.2	-	13.4	6.0	3.0	St. Petersburg, Fla.
156	141	71.0	9.9	3.3	2.1	7.9	3.3	-	Virginia Beach, Va.
178	158	72.8	2.1	2.4	2.5	16.3	12.7	6.3	Jersey City, N.J.
265	220	68.0	11.2	29.5	5.8	11.4	8.8	4.3	Richmond, Va.
73	45	-	5.8	(Z)	2.6	6.3	4.4	.2	Corpus Christi, Tex.

Source: U.S. Bureau of the Census, *City Government Finances in 1977-78*, series GF78, No. 4.

NO. 516. CITY GOVERNMENTS—PER CAPITA AMOUNTS FOR SELECTED FINANCIAL ITEMS FOR LARGEST CITIES: 1970 TO 1978

[Cities ranked by size of population estimated as of **July 1, 1977,** except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for *details, see text, p. 286, and source. 1970 data* based on resident population enumerated as of **April 1, 1970;** 1975 and 1978 data based on resident population estimated as of **July 1, 1976,** and **July 1, 1977,** respectively]

CITIES RANKED BY POPULATION SIZE, 1977	Population, 1977 (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1978	1970	1975	1978	1970	1975	1978
New York, N.Y	*7,298*	$838	$1,522	$1,694	$383	$635	$842	$1,101	$1,935	$1,965
Chicago, Ill	3,063	205	310	407	113	188	218	326	411	428
Los Angeles, Calif	2,761	169	306	375	110	175	239	483	837	984
Philadelphia, Pa	1,778	299	499	774	183	242	390	556	701	874
Houston, Tex	1,555	112	224	267	82	137	175	365	495	590
Detroit, Mich	*1,289*	*234*	*449*	690	148	208	261	438	550	531
Dallas, Tex	845	159	301	318	106	176	223	348	587	575
Baltimore, Md	804	639	1,045	1,272	222	303	387	649	644	613
San Diego, Calif	800	137	233	302	63	100	134	176	188	175
San Antonio, Tex	793	88	167	239	50	67	82	290	485	901
Honolulu, Hawaii [1]	718	204	322	393	134	178	209	367	304	384
Indianapolis, Ind	715	127	325	460	67	121	157	205	368	403
Washington, D.C	685	1,011	1,960	2,422	517	741	1,238	621	1,571	2,309
Phoenix, Ariz	685	130	312	420	72	106	137	295	497	797
Memphis, Tenn	668	294	483	579	75	110	139	588	829	1,098
San Francisco, Calif	655	603	853	1,184	300	388	579	575	732	1,003
Milwaukee, Wis	653	219	289	373	93	116	156	344	364	437
Boston, Mass	618	554	1,088	1,295	349	532	696	465	846	968
Cleveland, Ohio	*609*	*198*	*362*	*566*	*127*	*134*	*166*	*454*	*597*	*785*
San Jose, Calif	583	156	229	295	66	105	160	235	269	250
New Orleans, La	561	182	344	473	102	145	187	387	456	662
Columbus, Ohio	532	192	261	378	58	116	143	451	549	639
Jacksonville, Fla. [1]	*535*	*135*	*381*	*427*	*74*	*99*	*132*	*456*	*1,027*	*1,219*
St. Louis, Mo	518	225	382	591	162	251	332	254	304	293
Seattle, Wash	489	209	390	472	75	155	202	537	943	1,056
Denver, Colo	475	306	581	801	136	230	319	532	720	930
Kansas City, Mo	459	245	396	541	111	210	307	570	695	670
Pittsburgh, Pa	*442*	*192*	*251*	*386*	119	132	189	278	287	311
Nashville-Davidson, Tenn. [1]	429	360	606	835	171	290	357	718	940	1,288
Atlanta, Ga	417	236	422	626	92	162	204	538	1,237	2,187
Cincinnati, Ohio	*403*	*502*	*856*	*617*	*114*	*208*	*263*	606	647	505
El Paso, Tex	395	92	144	189	59	82	94	218	197	150
Buffalo, N.Y	390	367	726	941	143	224	253	519	711	816
Portland, Oreg	384	196	292	488	95	124	176	162	120	285
Oklahoma City, Okla	*372*	*232*	*364*	*520*	*122*	*164*	*224*	*251*	*438*	*474*
Fort Worth, Tex	368	123	212	325	72	116	149	296	492	532
Omaha, Nebr	366	116	359	370	65	119	150	145	310	317
Minneapolis, Minn	360	178	407	521	92	144	212	183	424	854
Toledo, Ohio	358	171	291	382	77	104	139	193	305	429
Miami, Fla	*347*	*135*	*231*	*336*	*105*	*143*	*192*	*268*	*300*	*386*
Long Beach, Calif	337	260	412	596	81	142	209	82	357	253
Tulsa, Okla	334	125	309	384	54	118	163	453	784	981
Oakland, Calif	332	232	364	520	122	164	224	251	438	474
Newark, N.J	324	*451*	*854*	*1,079*	281	314	406	317	422	520
Austin, Tex	323	169	324	385	61	97	150	661	899	1,647
Louisville, Ky	323	331	429	536	95	139	184	667	932	1,053
Baton Rouge, La	308	146	264	519	87	148	201	413	833	940
Tuscon, Ariz	301	*149*	*329*	*405*	*66*	*115*	*166*	271	647	592
Charlotte, N.C	296	156	318	390	78	133	154	336	546	560
Albuquerque, N. Mex	291	181	287	400	85	64	111	399	371	431
Birmingham, Ala	282	136	336	452	69	150	213	397	871	1,422
Norfolk, Va	*282*	*411*	*672*	*584*	*140*	*252*	*302*	537	739	754
Wichita, Kans	268	222	377	772	71	93	137	679	833	1,477
St. Paul, Minn	266	214	345	586	83	127	155	449	718	1,305
Tampa, Fla	265	139	313	490	91	114	155	341	438	559
Sacramento, Calif	265	208	272	405	101	132	190	379	401	323
Rochester, N.Y	*256*	*531*	*688*	*1,095*	*169*	*292*	*489*	425	964	1,165
Akron, Ohio	244	200	267	340	77	130	160	280	552	484
St. Petersburg, Fla	237	120	224	302	86	85	110	235	233	877
Virginia Beach, Va	236	284	566	599	123	223	281	321	405	619
Jersey City, N.J	232	339	602	682	182	270	371	*325*	*505*	*537*
Richmond, Va	223	530	897	984	*210*	*393*	*507*	*787*	*1,303*	*1,395*
Corpus Christi, Tex	215	91	156	211	63	88	122	201	309	365

[1] Represents city and county consolidated government.

Source: U.S. Bureau of the Census, *City Government Finances,* series GF No. 4, annual, and unpublished data.

No. 517. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1978

(Preliminary. Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes)

City	$7,500 income		$15,000 income		$22,500 income		$30,000 income		$40,000 income		$50,000 income	
	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income	Total tax paid	Percent of income
Atlanta	619	8.3	1,384	9.2	2,138	9.5	2,991	10.0	3,884	9.7	4,767	9.5
Baltimore	911	12.2	1,945	13.0	2,899	12.9	3,907	13.0	5,036	12.6	5,873	11.8
Boston	1,563	20.8	3,180	21.2	4,543	20.2	6,223	20.7	7,886	19.7	9,616	19.2
Chicago	690	9.2	1,289	8.6	1,832	8.1	2,383	7.9	3,071	7.7	3,509	7.0
Cleveland	610	8.1	1,152	7.7	1,727	7.7	2,357	7.9	3,081	7.7	3,655	7.3
Columbus	493	6.6	946	6.3	1,456	6.5	1,999	6.7	2,655	6.6	3,196	6.5
Dallas	485	6.5	1,074	7.2	1,546	6.9	2,177	7.3	3,093	7.7	3,954	7.9
Denver	496	6.6	1,085	7.2	1,719	7.6	2,370	7.9	3,022	7.6	3,655	7.3
Detroit	681	9.1	1,489	9.9	2,332	10.4	3,153	10.5	4,229	10.6	5,138	10.3
Honolulu	328	4.4	1,121	7.5	1,932	8.6	2,715	9.1	3,766	9.4	4,646	9.3
Houston	522	7.0	1,113	7.4	1,590	7.1	2,207	7.4	3,081	7.7	3,876	7.8
Indianapolis	787	10.5	1,452	9.7	2,052	9.1	2,706	9.0	3,423	8.6	4,150	8.3
Jacksonville	330	4.4	618	4.1	888	3.9	1,153	3.8	1,468	3.7	1,609	3.2
Kansas City, Mo	518	6.9	1,085	7.2	1,622	7.2	2,196	7.3	2,898	7.2	3,553	7.1
Los Angeles	330	4.4	689	4.6	1,257	5.6	1,957	6.5	3,009	7.5	4,161	8.3
Memphis	627	8.4	1,035	6.9	1,387	6.2	1,739	5.8	2,142	5.4	2,353	4.7
Milwaukee	778	10.4	1,909	12.7	2,913	12.9	4,086	13.6	5,473	13.7	6,657	13.3
Nashville	167	6.2	743	5.0	988	4.4	1,207	4.0	1,503	3.8	1,644	3.3
New Orleans	183	2.4	522	3.5	840	3.7	1,132	3.8	1,579	3.9	1,878	3.8
New York City	822	11.0	1,879	12.5	3,025	13.4	4,457	14.9	6,422	16.1	8,170	16.3
Philadelphia	1,219	16.3	2,236	14.9	3,185	14.2	4,147	13.8	5,206	13.0	6,023	12.0
Phoenix	632	8.4	1,227	8.2	1,849	8.2	2,589	8.6	3,373	8.4	4,122	8.2
Pittsburgh	1,095	14.6	1,990	13.3	2,805	12.5	3,662	12.2	4,591	11.5	5,280	10.6
San Antonio	442	5.9	946	6.3	1,355	6.0	1,882	6.3	2,650	6.6	3,346	6.7
San Diego	371	5.0	758	5.1	1,347	6.0	2,074	6.9	3,148	7.9	4,314	8.6
San Francisco	382	5.1	781	5.2	1,380	6.1	2,116	7.1	3,200	8.0	4,372	8.7
San Jose	314	4.2	651	4.3	1,201	5.3	1,875	6.3	2,910	7.3	4,049	8.1
Seattle	541	7.2	916	6.1	1,245	5.5	1,580	5.3	1,976	4.9	2,320	4.6
St. Louis	682	9.1	1,382	9.2	2,026	9.0	2,727	9.1	3,530	8.8	4,223	8.4
Washington, D.C	621	8.3	1,421	9.5	2,334	10.4	3,318	11.1	4,636	11.6	5,662	11.3
30-city average	618	8.3	1,267	8.5	1,914	8.5	2,636	8.8	3,530	8.9	4,328	8.7

No. 518. Residential Property Tax Rates in Selected Large Cities: 1978

City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100	City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100
	Rank	Rate				Rank	Rate		
Boston	1	7.46	29.5	25.29	Chicago	16	1.82	20.1	9.04
Indianapolis	2	4.28	33.3	12.84	Phoenix	17	1.68	12.8	13.19
Pittsburgh	3	3.72	44.6	8.34	Washington, D.C	18	1.66	98.1	1.69
Detroit	4	3.66	46.7	7.51	Jacksonville	19	1.57	87.3	1.80
Milwaukee	5	3.47	75.5	4.59	Seattle	20	1.53	89.2	1.71
Philadelphia	6	3.09	50.0	6.18	Columbus, Ohio	21	1.31	35.0	4.17
Baltimore	7	2.65	43.0	6.17	Kansas City, Mo	22	1.25	16.3	7.68
Dallas	8	2.47	(1)	4.86	Los Angeles	23	1.25	(4)	1.25
Atlanta	9	2.38	40.0	5.96	San Francisco	24	1.21	423.9	5.06
Houston	10	2.18	(2)	5.51	Nashville	25	1.13	18.8	6.00
Cleveland	11	2.14	35.0	6.18	San Jose	26	1.12	421.9	5.10
St. Louis	12	2.14	33.3	6.43	San Diego	27	1.11	424.6	4.52
San Antonio	13	1.95	(3)	5.43	Denver	28	.91	11.1	8.24
Memphis	14	1.94	25.0	7.74	New Orleans	29	.84	10.0	8.44
New York City	15	1.84	21.0	8.75	Honolulu	30	.82	54.0	1.52

[1] Assessment levels: city 75%; State and county 35%; school district 49.27%. [2] Assessment levels: city 53%; State, county, hospital, and junior college districts 32%; school districts 37.02%. [3] Assessment levels: city 45%; State, county, and road districts 20%; hospital districts 42%; school districts 36.27%. [4] Data for California cities reflect impact of proposition 13. Assessment levels for all cities refer to 1977. Los Angeles data based on 100% assessment level in 1977.

Source of tables 517 and 518: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in the Nation's Thirty Largest Cities, 1978.*

NO. 519. GOVERNMENTAL EMPLOYMENT AND PAYROLL: 1950 TO 1979

[For **October.** *1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See table 721 for related data. See also Historical Statistics, Colonial Times to 1970,* series Y 272-307]

LEVEL OF GOVERNMENT	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
EMPLOYEES (1,000)											
Total	**6,402**	**7,432**	**8,808**	**10,589**	**13,028**	**14,628**	**14,973**	**15,012**	**15,613**	**15,628**	**15,971**
Federal (civilian)	2,117	2,378	2,421	2,588	2,881	2,874	2,890	2,843	2,848	2,885	2,869
State and local	4,285	5,054	6,387	8,001	10,147	11,754	12,084	12,169	12,765	12,743	13,102
Percent of total	66.9	68.0	72.5	75.6	77.9	80.4	80.7	81.1	81.8	81.5	82.0
State	1,057	1,250	1,527	2,028	2,755	3,155	3,271	3,343	3,491	3,539	3,699
Local	3,228	3,804	4,860	5,973	7,392	8,599	8,813	8,826	9,274	9,204	9,403
PAYROLL, OCTOBER (mil. dol.)											
Total	**1,528**	**2,265**	**3,333**	**4,884**	**8,334**	**12,086**	**13,224**	**13,924**	**15,338**	**16,483**	**18,077**
Federal (civilian)	613	846	1,118	1,484	2,428	3,294	3,584	3,565	3,918	4,344	4,728
State and local	915	1,419	2,215	3,400	5,906	8,792	9,640	10,359	11,420	12,139	13,349
Percent of total	59.9	62.6	66.5	69.6	70.9	72.7	72.9	74.4	74.5	73.7	73.8
State	*218*	*340*	*524*	*849*	*1,612*	*2,410*	*2,653*	*2,894*	*3,195*	*3,483*	*3,869*
Local	696	1,078	1,691	2,551	4,294	6,382	6,987	7,465	8,225	8,656	9,480
AVERAGE ANNUAL PERCENT CHANGE [1]											
Employees, total	**−.5**	**3.0**	**3.5**	**3.8**	**4.2**	**2.9**	**2.4**	**.3**	**4.0**	**.1**	**2.2**
Federal	−8.9	2.4	.4	1.3	2.2	−.1	.6	−1.6	.2	1.3	−.5
State and local	6.1	3.4	4.8	4.6	4.9	3.7	2.9	.7	4.9	−.2	2.8
Payroll, total	**6.6**	**8.2**	**8.0**	**7.9**	**11.3**	**9.7**	**9.6**	**5.3**	**10.2**	**7.5**	**9.7**
Federal	*−.9*	*6.7*	*5.7*	*5.8*	*10.3*	*7.9*	*8.8*	*−.5*	*9.9*	*10.9*	*8.7*
State and local	14.3	9.2	9.3	8.9	11.7	10.5	9.9	7.6	10.2	6.3	10.0

[1] Represents average for period of interval shown; for 1950, change from 1945. For explanation, see Guide to Tabular *Presentation. Minus sign (−) denotes decrease.*

NO. 520. GOVERNMENTAL EMPLOYMENT AND PAYROLL, BY LEVEL OF GOVERNMENT AND BY FUNCTION: 1978 AND 1979

[For **October.** Covers both full-time and part-time employees]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLL (mil. dol.)				
	Total	Federal (civilian) [1]	State and local			Total	Federal (civilian) [1]	State and local		
			Total	State	Local			Total	State	Local
1978, total	**15,628**	**2,885**	**12,743**	**3,539**	**9,204**	**16,483**	**4,344**	**12,139**	**3,483**	**8,656**
National defense [2]	987	987	(X)	(X)	(X)	1,464	1,464	(X)	(X)	(X)
Postal service	650	650	(X)	(X)	(X)	957	957	(X)	(X)	(X)
Education	6,585	24	6,559	1,508	5,051	6,216	30	6,186	1,333	4,853
Teachers	3,675	(X)	3,675	444	3,231	4,388	(X)	4,388	626	3,762
Highways	588	5	583	263	320	590	10	580	298	282
Health and hospitals	1,579	260	1,319	658	661	1,545	359	1,186	625	561
Public welfare	*383*	(X)	383	172	211	350	(X)	350	174	175
Police protection	689	58	631	72	559	821	99	722	96	626
Fire protection	287	(X)	287	(X)	287	298	(X)	298	(X)	298
Sanitation and sewerage	222	(X)	222	(X)	222	217	(X)	217	(X)	217
Parks and recreation	*221*	(X)	221	(X)	221	153	(X)	153	(X)	153
Natural resources	514	297	217	183	34	672	462	210	182	28
Financial administration	424	108	316	124	192	451	158	293	135	159
All other	2,501	496	2,005	559	1,446	2,749	805	1,944	640	1,304
1979, total	**15,971**	**2,869**	**13,102**	**3,699**	**9,403**	**18,077**	**4,728**	**13,349**	**3,869**	**9,480**
National defense [2]	959	959	(X)	(X)	(X)	1,563	1,563	(X)	(X)	(X)
Postal service	657	657	(X)	(X)	(X)	1,103	1,103	(X)	(X)	(X)
Education	6,756	24	6,732	1,577	5,156	6,791	34	6,757	1,451	5,306
Teachers	*3,762*	(X)	3,762	460	3,303	4,778	(X)	4,778	671	4,107
Highways	570	5	566	260	305	622	10	612	314	298
Health and hospitals	1,625	259	1,366	680	686	1,713	391	1,322	692	630
Public welfare	388	(X)	388	175	213	380	(X)	380	190	190
Police protection	*711*	*57*	*654*	*74*	*580*	*923*	*109*	*814*	*106*	*708*
Fire protection	309	(X)	309	(X)	309	332	(X)	332	(X)	332
Sanitation and sewerage	132	(X)	132	(X)	132	121	(X)	121	(X)	121
Parks and recreation	226	(X)	226	(X)	226	165	(X)	165	(X)	165
Natural resources	509	285	224	188	36	683	451	232	200	32
Financial administration	426	108	318	125	193	477	160	317	146	172
All other	2,703	516	2,187	620	1,567	3,205	909	2,296	769	1,526

X Not applicable. [1] Includes employees outside United States. [2] Includes international relations.

Source of tables 519 and 520: U.S. Bureau of the Census, *Public Employment,* series GE No. 1, annual.

NO. 521. STATE AND LOCAL GOVERNMENT EMPLOYMENT, PAYROLL, AND MONTHLY EARNINGS, BY LEVEL OF GOVERNMENT: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

LEVEL OF GOVERNMENT AND FUNCTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
	EMPLOYEES, OCTOBER (1,000)									
Total	**6,387**	**8,001**	**10,147**	**11,353**	**11,754**	**12,084**	**12,169**	**12,765**	**12,743**	**13,102**
Full-time	5,320	6,595	8,024	8,838	9,177	9,397	9,514	9,861	9,946	10,193
Part-time	1,067	1,406	2,123	2,515	2,577	2,687	2,655	2,903	2,797	2,909
FULL-TIME EQUIVALENT										
State and local	5,570	6,937	8,528	9,578	9,852	10,098	10,206	10,591	10,724	10,944
Education	2,525	3,337	4,258	4,751	4,901	4,952	5,003	5,134	5,202	5,291
Health and hospitals	654	789	950	1,088	1,115	1,133	1,149	1,239	1,256	1,279
Police protection	304	349	450	516	532	544	546	567	566	589
Public welfare	114	170	250	301	316	339	342	356	363	366
Other	1,973	2,292	2,621	2,922	2,987	3,130	3,167	3,296	3,337	3,419
State, total [1]	1,411	1,751	2,302	2,547	2,653	2,744	2,799	2,903	2,966	3,072
Education	390	508	803	887	929	952	973	1,005	1,016	1,046
Health and hospitals	331	392	462	534	553	570	589	614	635	653
Highways	240	284	297	284	277	271	259	258	260	257
Local, total [1]	4,159	5,186	6,226	7,031	7,198	7,354	7,407	7,688	7,758	7,871
Education	2,136	2,829	3,455	3,863	3,973	4,000	4,030	4,129	4,187	4,245
Health and hospitals	324	397	469	555	562	562	559	625	621	626
Police protection	272	308	394	450	463	476	477	497	495	515
Highways	259	266	271	282	284	298	292	290	295	285
Counties [1]	672	893	1,098	1,318	1,343	1,408	1,448	1,582	1,606	1,621
Education	(NA)	(NA)	228	285	282	279	294	319	331	341
Health and hospitals	(NA)	(NA)	227	266	277	281	282	325	327	323
Public welfare	(NA)	(NA)	111	130	128	139	142	149	150	153
Municipalities [1]	1,447	1,638	1,922	2,109	2,127	2,142	2,107	2,168	2,163	2,190
Education	(NA)	(NA)	359	402	405	376	360	358	361	366
Health and hospitals	(NA)	(NA)	158	173	169	165	158	172	170	165
Police protection	(NA)	(NA)	299	337	344	349	347	356	355	366
Fire protection	(NA)	(NA)	169	184	183	184	183	182	182	203
School districts	1,727	2,287	2,786	3,074	3,183	3,243	3,272	3,351	3,393	3,435
Townships	302	177	192	232	233	237	245	241	245	250
Special districts		191	228	298	312	324	335	346	351	374
	PAYROLL, OCTOBER (mil. dol.)									
Total	**2,215**	**3,400**	**5,906**	**8,015**	**8,792**	**9,640**	**10,359**	**11,420**	**12,139**	**13,349**
Full-time	(NA)	3,251	5,598	7,498	8,244	9,018	9,709	10,672	11,335	12,506
Part-time	(NA)	150	309	517	548	622	650	748	804	843
Education	1,095	1,778	3,170	4,185	4,580	4,960	5,310	5,845	6,186	6,757
Health and hospitals	198	292	529	758	832	907	981	1,113	1,186	1,322
Police protection	129	184	339	480	531	585	628	699	722	814
Public welfare	39	72	150	210	240	272	298	329	350	380
Other	755	1,075	1,719	2,383	2,609	2,916	3,141	3,433	3,695	4,076
State, total [1]	545	849	1,612	2,158	2,410	2,653	2,894	3,195	3,483	3,869
Education	172	290	630	822	933	1,022	1,112	1,234	1,333	1,451
Health and hospitals	104	150	283	391	432	472	517	577	625	692
Highways	90	129	193	232	238	251	256	269	298	314
Local, total [1]	1,670	2,551	4,294	5,857	6,382	6,987	7,474	8,225	8,656	9,480
Education	923	1,488	2,539	3,363	3,647	3,939	4,208	4,611	4,853	5,306
Health and hospitals	93	141	246	367	400	437	464	536	561	630
Police protection	116	163	296	416	461	510	546	611	626	708
Highways	88	110	149	200	212	238	249	261	282	298
Counties [1]	229	377	639	952	1,057	1,183	1,295	1,489	1,564	1,726
Education	(NA)	89	149	233	241	252	285	332	357	391
Health and hospitals	(NA)	66	117	174	199	217	233	278	289	320
Public welfare	(NA)	30	61	85	92	106	114	128	131	147
Municipalities [1]	583	818	1,361	1,855	1,985	2,129	2,235	2,412	2,534	2,729
Education	(NA)	170	299	415	425	425	431	456	478	514
Health and hospitals	(NA)	56	90	127	132	143	145	160	170	178
Police protection	(NA)	130	231	323	349	384	407	453	465	515
Fire protection	(NA)	84	137	184	196	217	226	243	252	281
School districts	735	1,189	2,032	2,623	2,882	3,160	3,380	3,707	3,897	4,272
Townships	118	80	122	192	200	215	237	250	269	291
Special districts		87	140	234	258	300	326	367	392	463
	AVERAGE OCTOBER EARNINGS (dol.)									
Full-time employees:										
State and local	399	493	697	847	899	961	1,020	1,082	1,139	1,227
Education	437	538	756	904	949	1,013	1,073	1,146	1,201	1,285
Other	368	452	642	796	853	912	972	1,021	1,085	1,175

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

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

NO. 522. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1978

[As of **June 30.** Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975 and 1976, 47 in 1977, and 45 in 1978) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation]

SEX AND RACE/ETHNIC GROUP	EMPLOYED							MEDIAN ANNUAL SALARY ($1,000)				
	Number (1,000)					Percent distribution						
	1973	1975	1976	1977	1978	1973	1978	1973	1975	1976	1977	1978
Total	**3,809**	**3,899**	**4,369**	**4,415**	**4,447**	**100.0**	**100.0**	**8.6**	**9.8**	**10.4**	**10.9**	**11.7**
Male	2,486	2,436	2,724	2,737	2,711	65.3	61.0	9.6	11.3	11.8	12.4	13.3
Female	1,322	1,464	1,645	1,678	1,736	34.7	39.0	7.0	8.2	8.6	9.1	9.7
White	3,115	3,102	3,490	3,480	3,481	81.8	78.3	8.8	10.2	10.7	11.3	12.0
Minority group, total [1]	693	797	880	935	966	18.2	21.7	7.5	8.8	9.2	9.7	10.4
Black	523	602	664	705	723	13.7	16.3	7.4	8.6	9.1	9.5	10.1
Hispanic [2]	125	147	165	175	181	3.3	4.1	7.4	8.9	9.4	9.9	10.7

[1] Includes other minority groups, not shown separately. [2] Prior to 1976, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report,* annual.

NO. 523. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY OCCUPATION, SEX, AND RACE/ETHNIC GROUP: 1978

[As of **June 30.** See headnote, table 522]

SEX AND RACE/ETHNIC GROUP	Total	Officials/ administrators	Professionals	Technicians	Protective service	Paraprofessionals	Office/ clerical	Skilled craft	Service/ maintenance
NUMBER EMPLOYED (1,000)									
Total	**4,447**	**225**	**828**	**431**	**592**	**381**	**843**	**369**	**778**
Male	2,711	177	477	282	560	118	110	355	633
Female	1,736	48	351	149	32	263	733	14	145
White	3,481	204	708	360	510	251	662	305	480
Minority group, total [1]	966	21	120	71	82	130	181	64	298
Black	723	14	76	51	61	110	129	43	240
Hispanic	181	4	21	13	18	16	39	17	51
PERCENT DISTRIBUTION									
Total	**100.0**	**5.1**	**18.6**	**9.7**	**13.3**	**8.6**	**19.0**	**8.3**	**17.5**
Male	100.0	6.5	17.6	10.4	20.7	4.4	4.1	13.1	23.3
Female	100.0	2.8	20.2	8.6	1.8	15.1	42.2	.8	8.4
White	100.0	5.9	20.3	10.3	14.7	7.2	19.0	8.8	13.8
Minority group, total [1]	100.0	2.2	12.4	7.3	8.5	13.5	18.7	6.6	30.8
Black	100.0	1.9	10.5	7.1	8.4	15.2	17.8	5.9	33.2
Hispanic	100.0	2.2	11.6	7.2	9.9	8.8	21.5	9.4	28.2
MEDIAN ANNUAL SALARY ($1,000)									
Total	**11.7**	**18.9**	**15.1**	**12.3**	**14.4**	**8.8**	**9.2**	**12.4**	**9.7**
Male	13.3	20.0	17.1	13.8	14.5	9.7	10.4	12.5	10.3
Female	9.7	15.0	13.5	10.0	11.1	8.5	9.0	8.1	7.9
White	12.0	18.9	15.2	12.5	14.4	8.9	9.2	12.4	9.9
Minority group, total [1]	10.4	18.2	14.6	11.1	13.7	8.7	9.2	12.0	9.4
Black	10.1	17.7	14.0	10.7	13.5	8.7	9.2	11.8	9.3
Hispanic	10.7	17.9	14.8	11.8	14.3	8.9	9.0	12.2	9.6

[1] Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report, 1978.*

No. 524. State and Local Government Employment (Full-Time Equivalent) and Payroll, by Selected Function for the U.S., 1970 to 1979, and by States, 1979

[For October]

State	Employment (1,000)						October payroll (mil. dol.)					
	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare
	Total	Local schools only					Total	Local schools only				
1970	4,257.5	3,350.8	950.9	568.2	639.5	249.8	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975	4,951.8	3,822.9	1,134.2	569.6	758.7	339.4	4,960.3	3,727.8	909.0	488.9	835.4	272.3
1976	5,002.7	3,861.6	1,146.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977	5,133.9	3,950.5	1,238.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	580.4	1,020.1	349.5
1979	**5,291.3**	**4,064.9**	**1,278.7**	**542.2**	**826.3**	**366.0**	**6,757.0**	**5,035.0**	**1,322.0**	**612.0**	**1,145.9**	**379.9**
Ala	90.7	65.5	30.7	12.2	12.1	4.6	96.5	62.0	26.5	10.8	13.4	4.5
Alaska	13.5	10.1	1.4	1.8	1.5	.6	26.7	20.2	2.4	3.1	3.7	.8
Ariz	72.7	50.6	9.8	5.9	9.7	2.8	96.3	64.1	10.4	7.3	14.5	3.2
Ark	53.9	40.7	13.3	8.0	5.9	2.5	53.1	37.1	10.4	7.1	5.5	2.1
Calif	502.2	368.8	120.5	34.2	89.8	37.5	799.9	574.9	149.5	52.0	162.8	45.9
Colo	75.9	55.3	15.3	7.5	10.4	4.0	97.1	66.4	17.7	9.7	14.5	4.5
Conn	70.9	59.1	12.5	6.6	12.2	2.9	91.6	74.4	13.4	7.4	16.7	3.0
Del	14.5	10.4	2.8	1.6	1.9	1.2	19.0	13.2	2.5	1.9	2.6	1.1
D.C	13.4	11.6	6.3	1.1	6.2	2.4	21.4	18.1	10.3	1.8	13.0	3.9
Fla	195.3	155.2	60.5	17.5	36.4	9.0	229.2	171.8	58.6	17.7	47.4	8.2
Ga	134.2	107.2	61.6	14.6	19.1	6.8	128.9	96.4	53.1	13.2	20.3	6.3
Hawaii	20.3	14.5	4.9	1.9	3.8	.8	27.8	19.1	5.1	2.2	5.4	.8
Idaho	23.6	17.2	4.3	2.7	2.6	1.0	25.0	17.4	4.3	3.1	3.0	1.2
Ill	250.9	193.4	44.2	20.3	48.8	15.2	353.9	270.7	50.6	27.4	72.9	16.1
Ind	135.0	99.2	29.4	11.9	16.4	6.9	160.3	113.5	27.6	10.8	18.6	5.9
Iowa	78.8	57.7	15.6	9.5	7.6	5.4	96.7	65.8	15.5	11.5	9.3	5.2
Kans	66.8	48.0	13.4	8.7	7.8	3.5	73.3	48.8	12.5	8.5	8.4	4.1
Ky	82.8	61.0	16.1	11.0	9.8	6.4	90.7	64.1	13.3	10.4	10.7	6.2
La	103.7	82.3	33.8	13.7	14.0	4.8	110.1	83.8	30.6	13.6	13.8	3.1
Maine	30.9	22.9	3.1	4.7	3.4	1.0	30.9	22.2	3.2	4.8	3.5	.9
Md	113.4	83.2	24.3	10.1	21.3	6.0	151.9	114.1	25.8	11.3	25.3	6.6
Mass	132.4	115.3	33.6	12.7	30.8	8.4	174.9	151.9	32.9	14.1	44.4	8.2
Mich	232.2	173.9	49.9	16.0	41.7	17.3	353.0	261.4	64.4	22.9	64.7	23.2
Minn	103.9	79.8	23.3	11.7	9.8	8.8	136.5	99.1	25.1	16.2	15.2	9.8
Miss	64.1	46.2	20.3	9.2	6.9	3.1	58.5	39.5	15.6	6.9	6.7	2.5
Mo	110.9	89.1	33.6	11.9	18.7	5.6	118.0	89.8	31.6	12.4	22.5	5.5
Mont	22.4	17.0	3.2	3.5	2.4	1.6	26.4	19.4	3.1	4.3	2.8	1.4
Nebr	45.5	31.6	8.6	5.6	4.5	3.1	47.9	32.9	7.1	5.6	5.7	2.7
Nev	17.1	13.3	4.8	2.0	4.1	.8	21.5	15.8	5.6	2.7	6.0	1.2
N.H	19.9	15.3	3.0	3.4	3.2	3.1	20.9	15.6	2.7	4.9	3.5	2.4
N.J	173.5	146.3	34.4	19.1	36.4	13.7	249.6	209.2	36.7	22.6	50.1	14.1
N.Mex	38.4	27.4	6.3	4.1	4.6	1.9	42.5	29.3	5.8	4.4	5.3	1.8
N.Y	352.1	291.9	149.4	45.4	79.7	48.9	554.6	467.3	167.8	50.6	122.8	48.3
N.C	153.3	114.9	36.9	15.6	17.6	8.3	164.8	115.7	35.7	14.4	18.9	7.4
N.Dak	18.1	12.7	2.3	2.4	1.5	1.2	23.0	15.9	2.1	2.7	1.8	1.1
Ohio	235.0	185.2	49.3	21.5	34.1	18.7	292.0	224.2	52.0	24.8	45.6	17.8
Okla	78.2	57.5	18.0	8.5	10.0	6.6	81.6	56.5	15.4	7.5	11.0	6.4
Oreg	68.1	49.5	11.0	7.0	9.0	4.4	87.9	60.9	12.3	9.3	13.7	5.0
Pa	217.9	188.1	39.5	29.1	36.7	30.0	290.3	245.3	45.2	33.0	52.9	30.7
R.I	20.5	15.2	5.7	2.1	4.6	1.8	28.9	22.1	6.8	2.2	6.2	2.1
S.C	86.3	62.1	25.1	7.0	8.6	5.0	87.4	56.3	23.7	5.3	8.6	4.7
S.Dak	18.7	14.3	2.3	2.8	1.8	.8	19.0	13.4	2.0	3.0	2.0	.8
Tenn	94.6	73.0	32.4	12.7	17.9	6.9	102.2	76.5	27.8	10.4	19.3	5.8
Tex	369.2	287.2	74.8	29.6	44.5	14.7	405.3	298.7	69.0	33.0	56.6	15.7
Utah	38.3	25.5	4.4	3.1	4.2	1.5	42.9	27.6	4.4	4.2	5.4	1.9
Vt	13.7	10.1	1.6	1.9	1.3	.7	14.1	9.9	1.5	1.9	1.5	.7
Va	146.0	110.9	27.0	15.5	16.5	6.4	163.3	113.3	26.3	15.2	19.7	6.3
Wash	96.3	68.0	16.0	10.4	12.6	5.2	139.5	93.3	18.4	16.3	19.7	6.3
W. Va	50.8	39.8	12.2	8.9	4.3	3.4	56.9	43.2	10.1	7.7	4.5	3.0
Wis	117.2	79.7	22.2	11.9	15.7	8.4	158.0	102.9	24.2	14.9	21.5	8.9
Wyo	13.7	10.1	3.6	2.3	1.7	.5	15.6	10.3	3.5	2.9	2.1	.6

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 525. State and Local Government Employment and Payroll—States: 1970 to 1979

[For October]

STATE	ALL EMPLOYEES (1,000)						OCTOBER PAYROLL[2] (mil. dol.)					
	State			Local[1]			State			Local[1]		
	1970	1975	1979	1970	1975	1979	1970	1975	1979	1970	1975	1979
U.S.	**2,755**	**3,268**	**3,699**	**7,392**	**8,828**	**9,403**	**1,612**	**2,653**	**3,869**	**4,294**	**6,987**	**9,480**
Ala	49	62	72	107	125	146	24	46	72	46	77	119
Alaska	10	14	18	8	14	17	9	20	30	7	19	30
Ariz	28	39	43	64	98	116	16	32	48	40	81	127
Ark	29	36	42	57	70	81	13	25	38	21	37	58
Calif	239	273	308	837	1,036	1,099	170	265	389	614	1,001	1,295
Colo	44	54	58	87	116	128	25	45	60	44	85	125
Conn	43	46	50	85	107	110	30	37	53	57	91	115
Del	13	16	16	16	19	17	7	11	17	10	15	19
D.C	(x)	(x)	(x)	54	54	52	(x)	(x)	(x)	37	65	85
Fla	79	105	119	250	349	383	43	86	123	143	266	371
Ga	61	82	92	162	209	240	32	59	85	74	131	195
Hawaii	33	39	44	10	13	15	22	35	44	8	11	15
Idaho	14	19	19	28	34	41	7	14	18	11	19	30
Ill	132	141	147	403	473	479	78	126	157	258	414	523
Ind	70	78	90	176	212	214	36	52	88	90	137	185
Iowa	42	47	54	114	128	130	23	40	59	53	85	110
Kans	41	46	52	94	103	113	20	32	48	41	62	85
Ky	46	64	74	90	104	112	23	45	70	42	64	95
La	65	78	93	119	144	154	32	52	87	56	91	132
Maine	17	18	30	33	40	44	9	13	22	14	23	32
Md	50	73	83	124	154	177	33	65	94	83	141	198
Mass	67	75	86	194	239	251	44	62	87	118	199	271
Mich	121	143	158	330	376	399	74	124	185	217	332	477
Minn	56	65	72	155	181	193	34	55	78	86	137	182
Miss	34	39	44	77	91	103	15	25	37	27	48	74
Mo	64	72	75	153	176	194	32	54	73	79	122	166
Mont	17	19	22	25	32	35	8	14	19	12	21	30
Nebr	28	30	33	65	77	82	13	21	29	30	48	68
Nev	8	12	14	22	26	32	5	10	17	13	22	35
N.H	12	16	18	26	32	37	7	11	17	10	17	26
N.J	65	76	96	243	307	328	44	71	107	156	270	363
N.Mex	23	30	39	36	44	48	12	22	35	17	29	44
N.Y	201	202	230	879	895	863	144	196	282	610	884	1,008
N.C	71	92	103	145	188	232	39	68	102	73	123	199
N. Dak	14	15	17	29	37	33	6	10	15	10	14	24
Ohio	107	119	147	372	426	434	61	91	139	195	309	417
Okla	49	55	64	82	103	113	22	37	57	37	59	94
Oreg	43	50	55	79	104	112	24	40	57	43	79	115
Pa	132	152	149	349	405	415	79	132	167	203	325	426
R.I	17	21	26	25	27	28	10	17	25	15	24	33
S.C	38	58	72	84	102	114	19	40	71	34	56	87
S.Dak	13	16	16	32	33	32	6	10	14	11	15	20
Tenn	55	63	75	124	159	177	26	42	66	58	104	153
Tex	133	172	198	381	493	557	71	138	199	194	346	522
Utah	23	29	31	39	46	53	12	20	31	18	28	45
Vt	11	12	12	14	19	18	6	9	12	6	10	13
Va	74	97	114	137	185	198	42	74	112	73	133	180
Wash	66	82	91	126	141	152	42	67	101	78	120	181
W. Va	35	43	46	50	55	64	16	27	39	22	36	59
Wis	64	75	80	184	210	217	41	60	81	94	148	202
Wyo	8	9	11	16	19	23	4	7	11	7	13	20

X Not applicable. [1] Subject to sampling variation. [2] For all employees.

Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

NO. 526. FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS—STATES: 1970 TO 1979

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION					
	State			Local			State			Local		
	1970	1975	1979	1970	1975	1979	1970	1975	1979	1970	1975	1979
U.S.	**2,302**	**2,744**	**3,072**	**6,226**	**7,354**	**7,871**	**113**	**129**	**140**	**306**	**345**	**358**
Alabama	42	52	60	94	110	132	122	145	160	272	305	349
Alaska	8	13	17	7	12	15	280	379	409	234	343	366
Arizona	22	32	37	55	82	97	124	143	151	312	367	397
Arkansas	24	32	36	49	58	68	127	150	164	254	274	312
California	195	218	248	697	833	860	98	103	109	349	393	379
Colorado	36	41	41	71	95	105	161	162	148	322	376	380
Connecticut	38	40	43	74	89	94	126	128	137	245	289	302
Delaware	12	14	14	14	17	16	217	244	249	254	288	270
District of Columbia	(x)	(x)	(x)	49	52	49	(x)	(x)	(x)	643	726	748
Florida	72	94	104	223	311	337	106	113	117	329	372	381
Georgia	53	72	82	145	185	217	115	147	160	317	376	424
Hawaii	28	31	35	10	12	12	365	355	385	131	134	135
Idaho	11	15	15	22	27	30	151	182	163	304	326	329
Illinois	106	120	119	334	377	387	96	107	106	300	338	344
Indiana	54	58	70	145	173	181	103	110	131	280	325	335
Iowa	34	38	45	88	100	100	122	134	154	311	349	344
Kansas	31	36	40	75	80	87	139	157	168	332	354	366
Kentucky	39	56	64	76	87	96	121	164	183	235	269	272
Louisiana	53	66	80	107	130	142	146	174	200	293	343	352
Maine	16	17	21	25	31	34	157	157	188	255	289	306
Maryland	47	68	78	114	137	156	119	165	189	292	331	375
Massachusetts	60	68	75	168	199	212	105	116	131	296	341	367
Michigan	91	110	123	267	299	325	103	120	133	301	350	353
Minnesota	43	50	55	119	138	146	113	128	134	312	353	360
Mississippi	28	33	39	65	77	89	127	140	162	295	328	366
Missouri	53	62	64	130	149	164	114	131	131	278	312	337
Montana	13	15	16	21	26	28	183	204	205	296	352	358
Nebraska	23	26	28	51	61	64	154	170	177	344	393	408
Nevada	7	10	12	19	23	29	134	162	166	385	393	410
New Hampshire	10	13	14	17	23	27	133	153	158	228	279	299
New Jersey	58	70	82	210	262	282	81	95	112	293	363	385
New Mexico	19	26	31	31	39	43	186	224	250	300	340	345
New York	185	188	216	749	766	736	102	104	122	412	423	417
North Carolina	62	80	88	127	161	203	122	147	158	250	296	363
North Dakota	10	11	12	18	19	20	165	168	188	285	299	312
Ohio	85	95	113	304	346	356	80	88	105	286	321	332
Oklahoma	37	45	53	70	85	99	145	166	184	274	314	343
Oregon	32	39	43	64	83	91	155	169	168	308	353	358
Pennsylvania	118	134	128	296	340	344	100	113	109	251	288	293
Rhode Island	14	18	20	22	24	25	149	194	216	230	262	270
South Carolina	34	51	63	69	82	99	130	182	216	267	291	337
South Dakota	10	12	12	22	21	22	153	169	174	330	312	323
Tennessee	49	55	64	114	144	156	124	131	146	290	343	356
Texas	112	148	168	342	435	499	100	121	125	306	355	373
Utah	17	25	25	31	35	41	158	207	184	291	290	298
Vermont	9	10	11	10	13	14	203	214	218	221	272	274
Virginia	64	80	95	120	162	174	137	162	183	259	325	336
Washington	55	62	68	105	116	130	160	174	174	308	328	330
West Virginia	30	36	38	42	50	58	174	201	204	238	277	311
Wisconsin	46	53	57	137	161	164	105	115	122	309	348	347
Wyoming	7	8	8	13	16	19	204	208	188	398	420	432

X Not applicable.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

No. 527. City Government Employment and Payrolls: 1950 to 1979

[For **October**. 1972 based on complete count of all cities; other years based on sample and subject to sampling variation. Minus sign (–) denotes decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLL (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE[2]		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES	
	Total	Excl. education	Total[1]	Excl. education[1]	All employees	Monthly payroll	Total[1]	Education	Other	Education	Other
1950	1,311	1,106	290	230	3.2	8.9	(NA)	(NA)	(NA)	(NA)	(NA)
1955	*1,436*	*1,238*	*414*	*337*	1.8	7.4	1,262	182	1,080	$422	$315
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	502	387
1965	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972	2,375	1,918	1,654	1,302	4.5	11.6	2,029	378	1,650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976	*2,443*	*2,021*	*2,235*	*1,804*	*–2.5*	*5.0*	*2,107*	*360*	*1,747*	*1,207*	*1,095*
1977	2,511	2,084	2,415	1,959	2.8	8.0	2,170	358	1,812	1,280	1,087
1978	2,511	2,086	2,537	2,059	(z)	5.1	2,165	361	1,804	1,341	1,148
1979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231

NA Not available. Z Less than .05 percent. [1] Includes only those school systems operated as part of the general city government. [2] Represents average for period of intervals shown; for 1950, change from 1946. For explanation of average annual percent change, see Guide to Tabular Presentation.

No. 528. City Government Employment and Payrolls—All Cities and Cities With 50,000 Population or More: 1975 to 1979

[As of **October**]

TYPE OF EMPLOYMENT	EMPLOYEES (1,000)						OCTOBER PAYROLL (mil. dol.)					
	All cities			Cities with 50,000 population or more[1]			All cities			Cities with 50,000 population or more[1]		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Total	**2,506**	**2,511**	**2,553**	**1,630**	**1,629**	**1,652**	**2,130**	**2,537**	**2,729**	**1,612**	**1,890**	**2,046**
Full-time	2,038	2,059	2,074	1,450	1,444	1,458	2,031	2,428	2,618	1,551	1,823	1,978
Part-time	468	452	479	180	185	194	98	109	111	60	66	68
Full-time equivalent	**2,143**	**2,165**	**2,189**	**1,508**	**1,500**	**1,514**	(X)	(X)	(X)	(X)	(X)	(X)
Education[2]	376	361	364	312	295	305	425	478	513	363	410	447
Percent of total	18	17	17	21	20	20	20	19	19	23	22	22
Instructional staff	277	266	267	226	216	223	346	392	421	295	335	367
Others	99	95	97	86	79	82	78	86	92	68	75	80
Highways	129	128	124	65	63	63	109	129	136	62	71	77
Public welfare	42	43	40	41	39	37	36	42	42	34	40	40
Hospitals	128	134	131	94	88	88	108	129	139	87	95	101
Health	38	37	34	35	33	33	35	41	41	33	38	41
Police protection	349	355	366	224	225	228	384	465	515	272	323	355
Fire protection	184	182	203	126	126	130	217	255	281	162	189	207
Sewerage	55	57	58	28	30	31	46	59	66	27	34	38
Sanitation	108	107	105	66	65	67	88	107	103	62	75	80
Parks and recreation	104	112	111	73	80	78	84	103	113	61	76	82
Housing, urban renewal	35	42	43	31	38	39	35	48	53	32	44	48
Correction	16	18	18	15	17	17	18	23	26	17	21	25
Libraries	38	35	35	28	24	25	30	33	35	23	24	27
Financ'l administr'n	61	67	67	34	37	37	54	71	76	33	42	46
General control	105	104	106	62	63	61	101	118	130	66	75	84
Local utilities[3]	200	199	206	136	130	138	206	242	266	155	177	195
Water supply	92	95	92	51	52	52	81	101	107	50	62	67
Electric power	46	44	45	27	24	25	49	55	64	32	34	40
Transit	56	52	61	54	50	58	71	79	87	70	77	84
All other functions	175	184	178	139	147	133	155	194	197	125	155	152

X Not applicable. [1] 1979 based on population estimates in 1977; 1978 and 1975 based on population estimates in 1975 and 1970, respectively. [2] City-operated schools and colleges only. [3] Includes gas supply, not shown below.

Source of tables 527 and 528: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 529. City Government Employment and Payroll—Selected Large Cities: 1970 to 1979

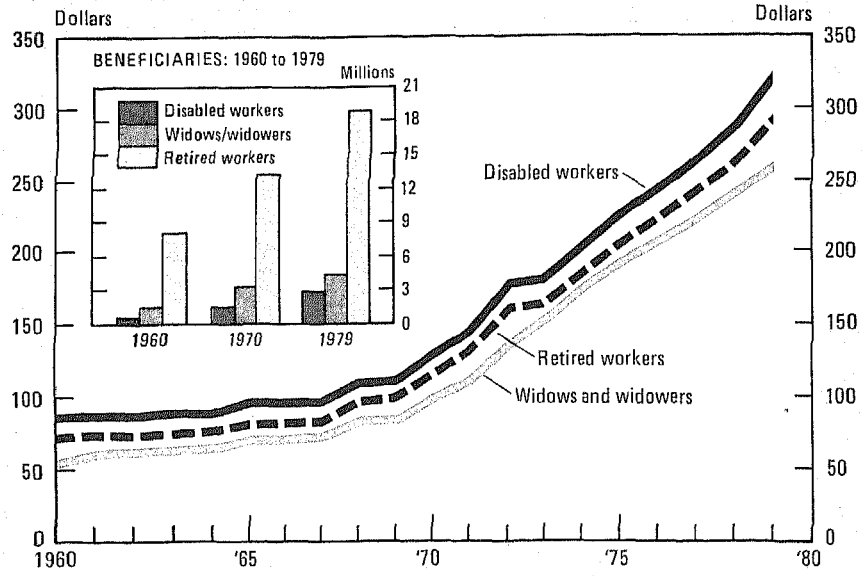
[For October. See text, p. 286]

Cities ranked by population-size, 1977	Full-time equivalent employment						October payroll (mil. dol.)			Average earnings in October, full-time employees (dol.)	
	Total (1,000)			Per 10,000 population							
	1970	1975	1979	1970 [1]	1975 [2]	1979 [3]	1970	1975	1979	1970	1979
New York, N.Y. [4] [5]	375	348	325	476	464	446	326	435	473	869	1,454
Chicago, Ill	44	49	48	131	157	155	40	20	67	902	1,408
Los Angeles, Calif	42	47	40	150	172	146	42	64	73	990	1,814
Philadelphia, Pa	34	38	35	177	209	196	30	45	55	866	1,577
Houston, Tex	10	14	16	81	107	101	7	13	21	679	1,332
Detroit, Mich	26	21	25	172	153	193	21	26	63	802	2,532
Dallas, Tex	11	13	14	134	163	163	8	13	18	693	1,327
Baltimore, Md. [4] [5]	37	41	42	412	475	521	26	37	43	704	1,039
San Diego, Calif	5	7	7	78	89	86	5	9	10	868	1,517
San Antonio, Tex	8	11	12	128	143	149	5	10	14	648	1,191
Honolulu, Hawaii	7	9	9	110	126	126	6	9	11	811	1,228
Indianapolis, Ind	6	11	11	78	160	160	3	8	11	500	979
Washington, D.C. [4] [5]	49	46	44	642	643	644	39	57	74	804	1,692
Phoenix, Ariz	5	7	8	94	110	123	4	7	12	718	1,425
Memphis, Tenn [4]	24	22	24	387	328	359	15	20	28	618	1,179
San Francisco, Calif	20	22	21	285	324	324	19	27	32	945	1,518
Milwaukee, Wis	10	10	9	138	145	137	8	11	13	798	1,454
Boston, Mass [4]	25	25	25	382	390	397	18	27	35	753	1,406
Cleveland, Ohio	16	13	11	210	197	186	10	13	15	621	1,297
San Jose, Calif	3	4	4	59	66	66	3	5	7	970	1,714
New Orleans, La	10	11	13	169	188	223	5	7	11	465	919
Columbus, Ohio	5	7	7	94	124	130	4	7	8	734	1,158
Jacksonville, Fla	6	10	11	115	194	207	4	9	11	716	1,013
St. Louis, Mo	13	14	14	215	257	269	9	12	16	642	1,121
Seattle, Wash	10	9	9	188	180	180	8	10	16	820	1,788
Denver, Colo	9	12	12	173	252	263	6	13	17	710	1,367
Kansas City, Mo	6	7	7	113	137	149	4	7	8	686	1,202
Pittsburg, Pa	7	6	6	135	121	130	5	5	6	679	1,116
Nashville-Davidson, Tenn [4]	14	18	17	319	425	404	9	15	22	632	1,239
Atlanta, Ga	7	9	9	147	204	208	4	7	9	612	1,057
Cincinnati, Ohio	[5] 13	[5] 17	6	[5] 297	[5] 421	156	[5] 9	[5] 17	9	[5] 648	1,458
El Paso, Tex	3	4	4	85	90	107	2	3	5	562	1,120
Buffalo, N.Y. [4]	13	13	11	200	325	285	11	14	16	829	1,463
Portland, Oreg	5	5	4	121	132	105	4	6	7	790	1,807
Oklahoma City, Okla	4	4	4	97	104	116	2	3	5	559	1,207
Fort Worth, Tex	4	4	5	100	122	126	3	4	5	647	1,198
Omaha, Nebr	3	4	3	75	98	81	2	3	4	662	1,478
Minneapolis, Minn	5	6	5	117	146	141	4	7	8	825	1,671
Toledo, Ohio	4	4	4	98	105	103	3	4	6	823	1,586
Miami, Fla	4	4	4	126	100	110	3	5	5	804	1,437
Long Beach, Calif	5	5	4	127	152	131	4	7	7	913	1,678
Tulsa, Okla	3	3	4	83	98	124	2	3	5	621	1,184
Oakland, Calif	4	4	4	102	132	118	4	6	6	953	1,645
Newark, N.J. [4]	16	18	13	407	542	402	12	17	17	814	1,330
Austin, Tex	4	6	7	102	132	207	4	6	9	953	1,286
Louisville, Ky	6	6	6	161	166	190	4	5	6	672	1,028
Baton Rouge, La	3	3	4	89	104	119	1	2	3	528	908
Tucson, Ariz	2	4	4	94	150	136	2	4	5	697	1,313
Charlotte, N.C	3	4	4	113	137	134	2	4	5	667	1,178
Albuquerque, N. Mex	3	4	4	107	137	135	2	3	4	654	1,135
Birmingham, Ala	4	4	4	120	134	143	2	3	5	573	1,148
Norfolk, Va [4]	10	12	10	309	401	361	6	9	11	590	1,135
Wichita, Kans	3	3	3	95	115	118	2	3	3	607	1,016
St. Paul, Minn	3	3	3	89	120	125	2	4	5	874	1,602
Tampa, Fla	4	4	5	146	152	180	2	4	5	453	1,141
Sacramento, Calif	3	3	3	112	131	117	2	4	5	824	1,641
Rochester, N.Y. [4]	11	10	8	356	372	325	8	11	13	739	1,558
Akron, Ohio	3	3	3	103	124	127	2	3	4	716	1,396
St. Petersburg, Fla	4	3	4	171	147	160	2	3	4	529	1,086
Virginia Beach, Va	4	7	9	257	321	364	3	5	8	(NA)	973
Richmond, Va	10	10	10	401	442	462	7	9	11	(NA)	1,123
Corpus Christi, Tex	2	3	3	112	136	133	1	3	3	(NA)	942

Not available. [1] Based on 1970 enumerated population. [2] Based on 1975 population estimates. [3] Based on 1977 population estimates. [4] Includes city-operated elementary and secondary schools. [5] Includes city-operated university or college.

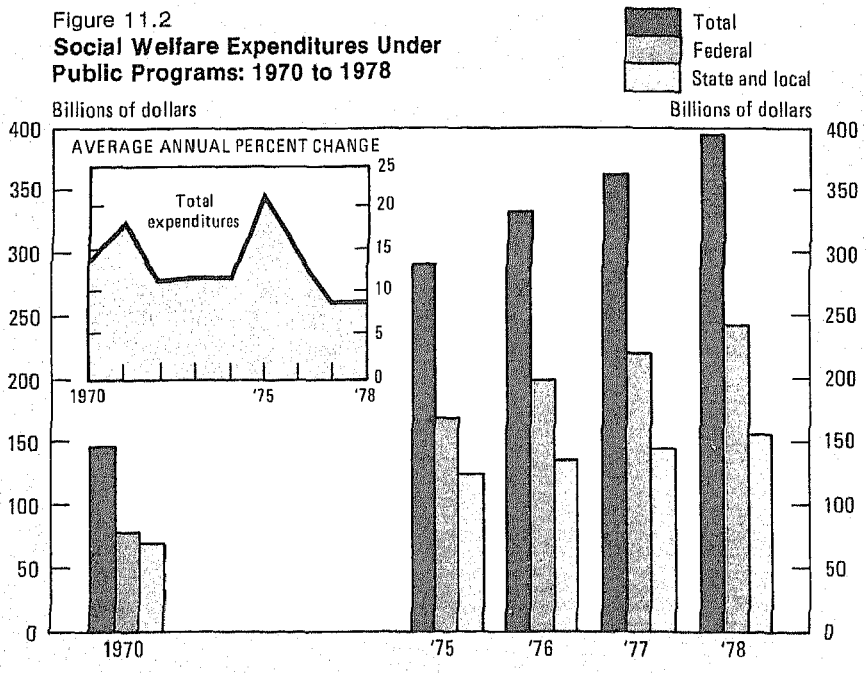
Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

Figure 11.1
Social Security — Beneficiaries and Average Monthly Benefit Payments: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 547.

Figure 11.2
Social Welfare Expenditures Under Public Programs: 1970 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 530.



Section 11

Social Insurance and Welfare Services

This section presents data related to governmental expenditures on social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and railroad employee retirement; private pension and employee benefit plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; and child and other welfare services. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; the American Red Cross; United Way campaign; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services', formerly Health, Education, and Welfare, monthly *Social Security Bulletin* and quarterly *Health Care Financing Review* which present current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's *Unemployment Insurance Statistics.* Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Notes,* and *Health Care Financing Program Statistics.* Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *Public Assistance Statistics.*

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to qualified survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Special benefits are also provided to those persons 72 and over who do not meet insured status requirements. Benefits are payable to qualified dependents of a deceased retired insured worker and also to certain dependents of a deceased worker who had paid OASDHI taxes during a minimum period of current employment. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are payable at age 50 to a qualified surviving spouse of a deceased worker who was fully insured at the time of death. A lump sum benefit is also payable on the death of an insured worker.

Since July 1966, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age under certain circumstances and to persons with chronic kidney disease. (See also below under "Health and welfare services" for discussion of "Medicaid.")

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 545). Tax receipts and benefit payments

are administered by Federal trust funds. The special cash benefits for uninsured persons, age 72 and over; hospital benefits for persons 65 and over with specified amounts of social security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-servicemen and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Expansion Act, and direct aid (training and related cash allowances) under Federal manpower and adjustment acts.

State unemployment insurance laws pay benefits, related to the individual's past earnings, to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable with congressional approval, under a Federal-State program to those who have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first $8,000 in wages paid each worker during a year. Employers are allowed a percentage credit of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States.

Some agricultural and domestic service workers, and nonprofit organizations, although they may be covered by State law, are exempt from benefits and taxes and railroad workers are a special case (see below). Through legislation effective from 1974 to 1977, workers lacking sufficient covered employment to qualify for regular benefits were eligible for special unemployment assistance if they had worked in a high unemployment area. Beginning in 1978, most government employees were covered.

Social Insurance for railroad workers.—The Railroad Retirement Act, administered by the U.S. Railroad Retirement Board, covers railroad employees and companies and provides retirement annuities for aged and disabled workers and for spouses of retired employees, and benefits to survivors of deceased workers. Annuities and benefits, including medicare hospital insurance, are financed primarily through an employer-employee tax. Medicare health insurance is available to railroad workers on the same basis as to workers covered by social security. The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, financed by contributions from covered employers on earnings not over $400 a month.

Social Insurance for Government employees.—The civil service retirement program is the major system providing age and service, disability, and survivor annuities for Federal civilian employees. The employee contribution rate is 7 percent of total base pay; the Federal Government contributes the remainder of the cost. In addition, there are separate retirement systems for the uniformed services (supplementing OASDHI) and for a few special groups of Federal civilian employees.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

Workers' compensation.—*All States provide protection against work-connected injuries* and deaths although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiosis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may

or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—State administered public assistance programs and the Federal supplemental security income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. Prior to 1974, States, assisted by Federal grants, provided social services and money payments to those eligible (e.g., the aged, blind, disabled, and families with dependent children). The Emergency Assistance Program and general assistance were also available.

Since 1974, the SSI program has replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and the District of Columbia. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for the AFDC and Emergency Assistance programs, social services, Medicaid, and for assistance to the aged, blind, and disabled in Guam, Puerto Rico, and the Virgin Islands. The SSI program provides a minimum income for the aged, blind, and disabled and establishes uniform national basic eligibility requirements and payments standards. Some States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 29 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

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

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

No. 530. Social Welfare Expenditures Under Public Programs As Percent of GNP and Total Government Outlays: 1950 TO 1978

[See headnote, table 531. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
			Percent of—				Percent of—				Percent of—	
	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total govt. outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total Federal outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total State and local govt. outlays
1950	23.5	20.6	8.9	37.4	10.5	19.4	4.0	26.2	13.0	21.7	4.9	59.2
1960	52.3	8.3	10.5	38.4	25.0	9.0	5.0	28.1	27.3	7.7	5.5	60.1
1965	77.2	8.1	11.7	42.2	37.7	8.6	5.7	32.6	39.5	7.6	6.0	60.4
1970	145.9	13.6	15.2	48.2	77.3	15.4	8.1	40.1	68.5	11.6	7.1	64.0
1971	171.9	17.9	16.9	51.7	92.6	19.7	9.1	44.9	79.3	15.8	7.8	64.0
1972	191.4	11.3	17.2	53.2	106.3	14.8	9.6	47.4	85.0	7.2	7.6	63.8
1973	213.9	11.8	17.3	55.5	122.6	15.3	9.9	50.5	91.4	7.5	7.4	64.9
1974	239.4	11.9	17.6	56.5	137.2	11.9	10.1	52.3	102.2	11.9	7.5	64.1
1975	290.1	21.2	19.9	57.9	167.5	22.1	11.5	54.0	122.6	20.0	8.4	65.0
1976	332.0	14.5	20.4	60.2	197.4	17.8	12.1	57.1	134.6	9.8	8.3	66.0
1977	361.6	8.9	19.7	59.5	218.5	10.7	11.9	56.3	143.0	6.2	7.8	65.9
1978, prel	394.5	9.1	19.3	58.1	240.5	10.0	11.8	55.3	154.0	7.7	7.5	63.6

[1] Change from prior year shown; for 1950, change from 1945. [2] Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980 and earlier issues.

NO. 531. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1950 TO 1978

[**In millions of dollars, except percent.** For fiscal years ending in year shown. Fiscal years for Federal Government (through 1976), most States, and some localities, *ended June 30. Beginning* 1977, Federal Government fiscal year ended **Sept 30.** Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 534 for program detail. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series H 1–47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs [1]	Veterans programs	Education	Housing	Other social welfare	All health and medical care [2]
	Total	Average annual percent change	Percent from non-trust funds								
						TOTAL					
1950	23,508	[3] 20.6	34.8	4,947	2,496	2,064	6,866	6,674	15	448	3,065
1960	52,293	8.3	29.9	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1965	77,175	8.1	33.4	26,123	6,283	6,246	6,031	28,108	318	2,066	9,535
1970	145,856	13.6	38.3	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1971	171,908	17.9	41.5	66,369	21,262	11,087	10,456	56,705	1,047	4,983	28,775
1972	191,357	11.3	43.1	74,809	26,078	12,866	11,522	59,385	1,332	5,364	33,473
1973	213,942	11.8	45.7	86,166	28,691	13,447	13,026	64,734	2,180	5,698	36,668
1974	239,397	11.9	45.9	99,002	31,520	14,953	14,112	70,534	2,554	6,722	41,512
1975	290,064	21.2	46.5	123,013	40,706	17,788	17,019	80,833	3,172	7,533	50,885
1976	331,998	14.5	49.2	145,591	47,985	19,273	19,005	87,721	3,371	9,052	58,951
1977	361,553	8.9	47.6	160,867	52,895	20,438	19,015	94,421	4,358	9,559	67,264
1978, prel	394,462	9.1	46.0	175,101	59,620	23,004	19,742	101,188	5,225	10,583	76,198
						FEDERAL					
1950	10,541	[3] 19.4	24.7	2,103	1,103	604	6,386	157	15	174	1,362
1960	24,957	9.0	15.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1965	37,712	8.6	18.9	21,807	3,594	2,781	6,011	2,470	238	812	4,625
1970	77,337	15.4	23.9	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1971	92,587	19.7	28.3	53,903	12,990	5,148	10,331	6,597	872	2,746	18,766
1972	106,327	14.8	31.2	61,248	16,291	6,322	11,405	6,721	1,183	3,155	22,082
1973	122,566	15.3	34.1	72,249	18,061	6,698	12,903	7,360	1,750	3,546	24,280
1974	137,191	11.9	34.6	82,832	20,388	7,145	13,874	7,042	2,009	3,902	27,499
1975	167,470	22.1	36.6	99,715	27,205	8,547	16,670	8,629	2,541	4,264	34,126
1976	197,355	17.8	40.3	119,594	32,527	9,863	18,843	9,023	2,906	4,598	40,564
1977	218,514	10.7	37.9	134,744	35,399	10,067	18,861	9,973	4,006	5,465	46,094
1978, prel	240,453	10.0	36.6	147,324	40,979	11,452	19,569	10,371	4,867	5,872	52,512
						STATE AND LOCAL					
1950	12,967	[3] 21.7	54.1	2,844	1,393	1,460	480	6,517	–	274	1,704
1960	27,337	7.7	56.2	4,999	1,984	2,727	112	16,758	33	723	3,478
1965	39,464	7.6	57.1	6,316	2,690	3,466	20	25,638	80	1,254	4,911
1970	68,519	11.7	61.2	9,446	6,839	5,132	126	44,970	120	1,886	8,791
1971	79,320	15.8	60.6	12,466	8,272	5,939	125	50,107	175	2,237	10,008
1972	85,031	7.2	60.4	13,561	9,787	6,544	117	52,664	149	2,209	11,391
1973	91,376	7.5	61.8	13,917	10,630	6,749	123	57,374	430	2,152	12,388
1974	102,206	11.9	60.8	16,169	11,133	7,809	239	63,492	545	2,819	14,013
1975	122,594	20.0	60.5	23,298	13,502	9,241	449	72,204	632	3,269	16,759
1976	134,643	9.8	61.6	25,998	15,458	9,410	162	78,697	465	4,454	18,387
1977	143,039	6.2	61.9	26,123	17,495	10,371	155	84,448	353	4,094	21,170
1978, prel	154,010	7.7	59.7	27,778	18,641	11,552	174	90,817	337	4,711	23,686
						PERCENT OF TOTAL EXPENDITURES, BY TYPE					
1950	100.0	(X)	(X)	21.0	10.6	8.8	29.2	28.4	.1	1.9	13.0
1960	100.0	(X)	(X)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1965	100.0	(X)	(X)	36.4	8.1	8.1	7.8	36.4	.4	2.7	12.4
1970	100.0	(X)	(X)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975	100.0	(X)	(X)	42.4	14.0	6.1	5.9	27.9	1.1	2.6	17.5
1977	100.0	(X)	(X)	44.5	14.6	5.7	5.3	26.1	1.2	2.6	18.6
1978, prel	100.0	(X)	(X)	44.4	15.1	5.8	5.0	25.7	1.3	2.7	19.3
						PERCENT FEDERAL OF TOTAL					
1950	44.8	(X)	(X)	42.5	44.2	29.2	93.0	2.3	100.0	38.9	44.4
1960	47.7	(X)	(X)	74.1	51.6	38.9	98.0	4.9	81.2	36.6	45.6
1965	48.9	(X)	(X)	77.5	57.2	44.5	99.7	8.8	74.9	39.3	48.5
1970	53.0	(X)	(X)	82.7	58.5	48.2	98.6	11.6	82.9	54.5	65.4
1975	58.4	(X)	(X)	81.1	66.8	49.0	97.4	11.0	78.7	56.6	67.1
1977	60.4	(X)	(X)	83.8	66.9	49.1	99.2	10.6	91.9	57.2	68.6
1978, prel	60.9	(X)	(X)	84.1	68.7	49.0	99.1	10.2	93.5	55.5	68.9

– Represents zero. X Not applicable. [1] Excludes program parts of social insurance, public aid, veterans, and other social welfare. [2] Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. [3] Change from 1945.

Source: U.S. Social Security Administration, *Social Security Bulletin,* May 1980, and earlier issues.

No. 532. Public and Private Expenditures for Social Welfare: 1950 to 1978

[**In billions of dollars, except percent.** See headnote, table 531. "Public" refers to Federal, State, and local governments; "private" to nongovernmental agencies]

TYPE OF EXPENDITURE	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
Total, net [1]	**35.4**	**78.7**	**117.8**	**209.3**	**268.2**	**298.5**	**332.1**	**392.3**	**447.6**	**497.7**	**548.9**
Public	23.5	52.3	77.2	145.9	191.4	213.9	239.4	290.1	332.0	361.6	394.5
Private	12.2	27.8	42.7	67.4	82.1	90.6	99.6	109.4	125.2	146.8	166.0
Income maintenance	10.7	29.8	42.6	72.5	98.7	112.3	126.4	152.5	177.6	194.4	209.2
Public [2]	9.8	26.3	36.6	60.8	83.8	95.7	107.6	131.7	153.0	166.6	177.8
Private	1.0	3.5	6.0	11.7	14.8	16.6	18.7	20.9	24.6	27.8	31.4
Health	12.0	25.9	38.9	69.2	86.7	95.4	106.0	122.2	139.7	164.5	187.0
Public	3.1	6.4	9.5	25.4	33.5	36.7	41.5	50.9	59.0	67.3	76.2
Private	9.0	19.5	29.4	43.8	53.2	58.7	64.5	71.4	80.8	97.2	110.8
Education	11.0	21.8	34.1	61.7	73.1	80.0	87.1	98.5	109.5	116.2	124.1
Public	9.4	18.0	28.1	51.9	61.3	67.4	73.7	82.3	93.1	98.3	104.6
Private	1.6	3.7	6.0	9.9	11.8	12.7	13.4	14.2	16.4	17.9	19.5
Welfare and other services	2.0	2.7	4.3	9.8	15.0	16.8	19.3	24.6	30.4	33.2	40.2
Public [3]	1.3	1.6	2.9	7.8	12.7	14.2	16.4	21.6	27.0	29.3	35.9
Private	.7	1.1	1.4	2.0	2.3	2.6	2.9	3.0	3.4	3.9	4.3
PERCENT PUBLIC											
Total [4]	**65.8**	**65.3**	**64.4**	**68.4**	**70.0**	**70.2**	**70.6**	**72.4**	**72.6**	**71.1**	**70.4**
Income maintenance	91.0	88.1	86.0	83.9	85.0	85.2	85.2	86.3	86.1	85.7	85.2
Health	25.5	24.7	24.5	36.7	38.6	38.4	39.1	41.6	42.2	40.9	40.8
Education	85.3	82.8	82.5	84.0	83.9	84.2	84.6	85.3	85.0	84.6	84.3
Welfare and other services	65.8	59.1	68.0	79.6	84.7	84.5	85.0	87.8	88.8	88.4	89.3
PERCENT OF GNP [5]											
Total, net [1]	**13.4**	**15.8**	**17.9**	**21.8**	**24.1**	**24.1**	**24.4**	**26.7**	**27.5**	**27.1**	**26.9**
Income maintenance	4.0	6.0	6.5	7.5	8.9	9.1	9.3	10.5	10.9	10.6	10.2
Health	4.5	5.2	5.9	7.2	7.8	7.7	7.8	8.4	8.6	9.0	9.2
Education	4.1	4.4	5.2	6.4	6.6	6.5	6.4	6.6	6.7	6.3	6.1
Welfare and other services	.8	.5	.7	1.0	1.4	1.5	1.4	1.7	1.9	1.8	2.0

[1] Total expenditures adjusted to eliminate duplication resulting from use of cash payments received under social welfare programs to purchase medical care and educational services. [2] Includes cash benefits and administrative costs under social insurance, public assistance, supplemental security income, and veterans' and emergency employment programs. Excludes cost of medical services provided in conjunction with those programs and for other welfare programs. See table 537. [3] Includes food stamps, surplus food for the needy and for institutions, child nutrition, institutional care, child welfare, economic opportunity and manpower programs, veterans' welfare services, vocational rehabilitation, and housing. [4] Before adjustment for elimination of duplication. [5] Gross national product; see text, p. 435.

Source: U.S. Social Security Administration, *Social Security Bulletin,* May 1980, and earlier issues.

No. 533. Social Welfare Expenditures Under Public Programs, Total and Per Capita, in Actual and 1978 Dollars: 1950 to 1978

[See headnote, table 531. Per capita figures based on U.S. Bureau of the Census estimates of total U.S. population as of **Jan. 1,** including outlying areas, and Armed Forces and Federal civilian employees and dependents abroad]

YEAR	IN ACTUAL DOLLARS								IN 1978 DOLLARS				
	Total [1] (billions)	Per capita							Total [1] (billions)	Per capita			
		Total [1 2]	Social insurance	Education	Public aid	Health and medical	Veterans	All health and medical care		Total [1 2]	Social insurance	Education	Public aid
1950	23.4	153	32	43	16	13	44	20	62.1	405	85	115	43
1955	32.5	195	59	67	18	19	28	26	75.3	451	136	154	42
1960	52.1	285	105	96	22	24	30	35	108.1	592	219	200	47
1965	76.9	391	142	143	32	32	30	48	148.8	757	275	276	62
1970	145.5	701	262	245	79	48	43	122	236.9	1,142	427	399	129
1971	171.5	818	315	270	101	53	49	137	268.0	1,278	492	422	158
1972	190.9	902	352	280	123	61	54	158	286.2	1,352	528	420	184
1973	213.3	1,001	402	303	135	63	60	172	308.2	1,447	581	438	195
1974	238.7	1,111	458	328	147	70	65	193	318.6	1,484	612	438	196
1975	289.3	1,336	565	373	188	82	78	235	349.0	1,612	682	450	227
1976	331.1	1,519	665	402	220	88	86	267	376.3	1,726	756	457	250
1977	360.6	1,642	730	430	241	93	86	307	383.7	1,747	776	457	256
1978 [3]	393.2	1,775	787	457	269	102	89	344	393.2	1,775	787	457	269

[1] Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. [2] Includes data for programs not shown separately. [3] Preliminary.

Source: U.S. Social Security Administration, *Social Security Bulletin,* May 1980, and earlier issues.

NO. 534. SOCIAL WELFARE EXPENDITURES, BY SOURCE

[In millions of dollars. See headnote, table 531, and *Historical Statistics,*

PROGRAM	1960		1970		1973		1974	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total	**24,957**	**27,337**	**77,337**	**68,519**	**122,566**	**91,376**	**137,191**	**102,206**
Social insurance	**14,307**	**4,999**	**45,246**	**9,446**	**72,249**	**13,9..**	**82,832**	**16,169**
Old-age, survivors, disability, health	11,032	(x)	36,835	(x)	57,767	(x)	66,287	(x)
Health insurance (Medicare)	(x)	(x)	7,149	(x)	9,479	(x)	11,348	(x)
Public employee retirement [1]	1,520	1,050	5,517	3,142	8,878	5,133	10,785	5,893
Railroad employee retirement	935	(x)	1,610	(x)	2,478	(x)	2,693	(x)
Unemployment insurance and employment services [2]	474	2,356	1,036	2,783	1,869	4,197	1,722	4,940
Other railroad employee insurance [3]	284	(x)	100	(x)	80	(x)	57	(x)
State temporary disability insurance [4]	(x)	348	(x)	716	(x)	848	(x)	915
Workers' compensation [5]	63	1,245	148	2,803	1,177	3,739	1,287	4,422
Hospital and medical benefits	9	411	21	964	32	1,323	36	1,574
Public aid	**2,117**	**1,984**	**9,649**	**6,839**	**18,061**	**10,630**	**20,388**	**11,133**
Public assistance [6]	2,058	1,984	7,594	6,839	13,372	10,630	13,307	10,520
Vendor medical payments (Medicaid) [7]	200	293	2,607	2,606	4,997	4,211	5,833	4,539
Social services	(x)	(x)	522	191	1,719	588	1,563	592
Supplemental security income	(x)	(x)	(x)	(x)	46	(x)	2,219	613
Food stamps	(x)	(x)	577	(x)	2,213	(x)	2,839	(x)
Other [8]	59	(x)	1,477	(x)	2,430	(x)	2,023	(x)
Health and medical programs	**1,737**	**2,727**	**4,775**	**5,132**	**6,698**	**6,749**	**7,145**	**7,809**
Hospital and medical care	984	1,870	2,045	3,268	3,273	4,140	3,577	4,457
Civilian programs	103	1,870	286	3,268	805	4,140	836	4,457
Defense Department [9]	880	(x)	1,760	(x)	2,468	(x)	2,741	(x)
Maternal and child health programs	35	106	196	235	221	234	235	259
Medical research	426	23	1,485	150	1,913	201	2,000	222
Medical facilities construction	235	283	458	474	380	719	374	973
Defense Department	40	(x)	53	(x)	76	(x)	86	(x)
Other	57	445	590	1,004	911	1,455	959	1,898
Veterans programs	**5,367**	**112**	**8,952**	**126**	**12,903**	**123**	**13,874**	**239**
Pensions and compensation	3,403	(x)	5,394	(x)	6,606	(x)	6,777	(x)
Health and medical programs	954	(x)	1,784	(x)	2,766	(x)	2,984	(x)
Hospital and medical care	879	(x)	1,651	(x)	2,587	(x)	2,787	(x)
Hospital construction	60	(x)	71	(x)	105	(x)	119	(x)
Medical and prosthetic research	15	(x)	62	(x)	74	(x)	78	(x)
Education	410	(x)	1,018	(x)	2,648	(x)	3,207	(x)
Life insurance [10]	494	(x)	502	(x)	532	(x)	539	(x)
Welfare and other	107	112	253	126	351	123	368	239
Education [11]	**868**	**16,758**	**5,876**	**44,970**	**7,360**	**57,374**	**7,042**	**63,492**
Elementary and secondary	442	14,667	2,957	35,676	3,548	44,529	3,710	48,749
Construction [12]	71	2,591	36	4,623	20	4,988	22	4,957
Higher	293	1,898	2,155	7,752	2,646	10,294	2,178	11,778
Construction	1	357	466	1,101	394	1,090	214	1,173
Vocational and adult [12]	105	194	603	1,542	903	2,551	915	2,966
Housing	**144**	**33**	**582**	**120**	**1,750**	**430**	**2,009**	**545**
Other social welfare	**417**	**723**	**2,259**	**1,886**	**3,546**	**2,152**	**3,902**	**2,819**
Vocational rehabilitation	64	32	567	136	753	157	793	175
Medical services and research	18	7	137	27	155	35	154	31
Institutional care [13]	21	400	22	179	27	236	25	260
Child nutrition	306	93	711	185	1,409	298	1,614	412
Child welfare [14]	13	198	45	541	46	480	47	463
Special OEO and ACTION programs [15]	(x)	(x)	753	(x)	895	(x)	767	(x)
Welfare, not elsewhere classified [16]	12	([13])	161	845	415	980	657	1,510

X Not applicable. [1] Excludes refunds to those leaving service. Federal data include military retirement. [2] Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. [3] Unemployment and temporary disability insurance. [4] Cash and medical benefits in 5 areas. [5] Benefits paid by private insurance carriers, State funds, and self-insurers. Beginning 1970, Federal includes black lung benefit programs. [6] Includes payments under State general assistance programs and, beginning 1970, work incentive activities, not shown separately. [7] Medical vendor payments are those made directly to suppliers of medical care. [8] Refugee assistance, surplus food for the needy, and work-experience training programs under the Economic Opportunity Act and the Comprehensive Employment and Training Act. [9] Includes medical care for military dependent families. [10] Excludes servicemen's group life insurance. [11] Federal expenditures for administrative costs (Office of Education) and research not shown separately, but included in total.

OF FUNDS AND PUBLIC PROGRAM: 1960 TO 1978

Colonial Times to 1970, series H 1–47, for related but not comparable data]

1975		1976		1977		1978, prel.		PROGRAM
Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	
167,470	**122,594**	**197,355**	**134,643**	**218,514**	**143,039**	**240,453**	**154,010**	**Total.**
99,715	**23,298**	**119,594**	**25,998**	**134,744**	**26,123**	**147,324**	**27,778**	**Social insurance.**
76,430	(x)	90,441	(x)	105,410	(x)	117,433	(x)	Old-age, survivors, disability, health.
14,781	(x)	17,777	(x)	21,543	(x)	25,204	(x)	Health insurance (Medicare).
13,339	6,780	15,664	7,777	17,833	8,663	20,145	9,784	Public employee retirement.[1]
3,085	(x)	3,500	(x)	3,819	(x)	4,020	(x)	Railroad employee retirement.
3,429	10,407	8,251	11,335	5,939	9,510	3,770	8,830	Unemployment insurance and employment services.[2]
75	(x)	227	(x)	189	(x)	207	(x)	Other railroad employee insurance.[3]
(x)	990	(x)	1,022	(x)	1,042	(x)	1,103	State temporary disability insurance.[4]
1,357	5,122	1,512	5,864	1,554	6,908	1,749	8,060	Workers' compensation.[5]
50	1,825	66	2,139	73	2,487	109	2,861	Hospital and medical benefits.
27,205	**13,502**	**32,527**	**15,458**	**35,399**	**17,495**	**40,979**	**18,641**	**Public aid.**
14,547	12,212	16,529	13,961	18,765	15,949	19,963	17,021	Public assistance.[6]
7,056	5,928	8,897	6,720	9,713	8,466	10,638	9,457	Vendor medical payments (Medicaid).[7]
1,963	660	2,111	688	2,461	756	2,766	922	Social services.
4,802	1,290	5,042	1,497	5,273	1,546	5,573	1,620	Supplemental security income.
4,694	(x)	5,700	(x)	5,472	(x)	5,590	(x)	Food stamps.
3,162	(x)	5,256	(x)	5,890	(x)	9,853	(x)	Other.[8]
8,547	**9,241**	**9,863**	**9,410**	**10,067**	**10,371**	**11,452**	**11,552**	**Health and medical programs.**
4,280	5,210	4,619	4,955	4,863	5,170	5,463	5,488	Hospital and medical care.
1,195	5,210	1,505	4,955	1,480	5,170	1,891	5,488	Civilian programs.
3,085	(x)	3,114	(x)	3,383	(x)	3,572	(x)	Defense Department.[9]
277	269	306	287	317	315	333	331	Maternal and child health programs.
2,360	239	2,988	252	3,036	277	3,597	306	Medical research.
489	1,360	674	1,344	644	1,352	849	1,303	Medical facilities construction.
96	(x)	230	(x)	301	(x)	267	(x)	Defense Department.
1,141	2,163	1,277	2,572	1,207	3,257	1,211	4,124	Other.
16,570	**449**	**18,843**	**162**	**18,861**	**155**	**19,569**	**174**	**Veterans programs.**
7,579	(x)	8,280	(x)	9,082	(x)	9,677	(x)	Pensions and compensation.
3,517	(x)	4,108	(x)	4,671	(x)	5,236	(x)	Health and medical programs.
3,287	(x)	3,802	(x)	4,321	(x)	4,854	(x)	Hospital and medical care.
137	(x)	212	(x)	245	(x)	270	(x)	Hospital construction.
93	(x)	94	(x)	104	(x)	112	(x)	Medical and prosthetic research.
4,434	(x)	5,351	(x)	3,926	(x)	3,406	(x)	Education.
556	(x)	564	(x)	607	(x)	614	(x)	Life insurance.[10]
485	449	541	162	575	155	636	174	Welfare and other.
8,629	**72,204**	**9,023**	**78,697**	**9,973**	**84,448**	**10,371**	**90,817**	**Education.**[11]
4,563	55,182	4,306	58,920	4,830	63,852	5,082	68,613	Elementary and secondary.
21	5,725	23	5,897	16	6,221	20	6,403	Construction.[12]
2,864	13,521	3,572	15,170	3,889	16,167	3,891	17,124	Higher.
274	1,239	266	1,292	185	1,254	155	1,352	Construction.
940	3,501	898	4,607	909	4,429	970	5,080	Vocational and adult.[12]
2,541	**632**	**2,906**	**465**	**4,006**	**353**	**4,887**	**337**	**Housing.**
4,264	**3,269**	**4,598**	**4,454**	**5,465**	**4,094**	**5,872**	**4,711**	**Other social welfare.**
814	222	937	253	973	279	1,006	290	Vocational rehabilitation.
174	44	176	43	197	49	208	51	Medical services and research.
20	276	17	305	18	342	20	402	Institutional care.[13]
2,064	454	2,316	490	2,754	510	2,963	545	Child nutrition.
50	547	53	700	57	754	57	744	Child welfare.[14]
638	(x)	572	(x)	749	(x)	881	(x)	Special OEO and ACTION programs.[15]
677	1,770	704	2,705	915	2,210	945	2,730	Welfare, not elsewhere classified.[16]

[12] Construction costs of vocational and adult education programs included under elementary-secondary expenditures. [13] Federal expenditures represent primarily surplus foods for nonprofit institutions. 1960 State and local expenditures for welfare, n.e.c., included in Institutional care. [14] Represents primarily child welfare services under title V of the Social Security Act. [15] Includes domestic programs consolidated in 1972 under ACTION (former VISTA, Foster Grandparents, and other domestic volunteer programs) and OEO programs such as community action and migrant workers consolidated in 1974 under Community Services Administration. [16] Federal expenditures include administrative expenses of the Secretary of Health, Education, and Welfare and of the Social and Rehabilitation Service; Indian welfare; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980, and earlier issues.

No. 535. Federal Outlays for Income Security Benefits: 1970 to 1979

[For years ending **June 30** except, beginning **1977**, ending **September 30**]

CATEGORY AND PROGRAM	BENEFITS (mil. dol.)							PERCENT	
	1970	1974	1975	1976	1977	1978	1979	1970	1979
Total benefits	**60,209**	**111,167**	**139,638**	**164,639**	**179,656**	**195,376**	**215,453**	**100.0**	**100.0**
Cash benefits	48,567	88,255	109,585	128,763	138,299	147,909	161,732	80.7	75.1
In-kind benefits	11,641	22,912	30,053	35,875	41,357	47,467	53,721	19.3	24.9
Cash benefits	**48,567**	**88,255**	**109,585**	**128,763**	**138,299**	**147,909**	**161,732**	**100.0**	**100.0**
Social security	29,045	54,007	62,469	71,362	82,406	90,738	101,000	59.8	62.5
Old-age, survivors insurance	26,267	47,849	54,839	62,140	71,271	78,524	87,572	54.1	54.2
Disability insurance	2,778	6,159	7,630	9,222	11,135	12,214	13,428	5.7	8.3
Federal employee benefits [1]	5,768	11,322	13,986	16,703	18,426	20,677	24,768	11.9	15.3
Military retirement	2,849	5,128	6,242	7,296	8,216	9,171	10,279	5.9	6.4
Civil service retirement	2,518	5,429	6,825	8,055	9,257	10,570	12,011	5.2	7.4
Veterans benefits [1]	5,340	7,167	8,140	8,734	9,562	10,151	11,026	11.0	6.8
Disability dependency and indemnity	2,974	3,985	4,680	5,154	5,722	6,159	6,745	6.1	4.2
Veterans pensions [2]	2,255	2,530	2,739	2,859	3,113	3,239	3,521	4.6	2.2
Public assistance	3,868	6,832	8,672	9,803	10,059	10,921	10,601	8.0	6.6
Supplem'l security income	(x)	1,815	4,081	4,440	4,618	5,234	4,782	(x)	3.0
Maintenance payments [3]	3,868	5,017	4,592	5,363	5,442	5,687	5,819	8.0	3.6
Unemployment insurance	2,886	5,208	12,221	17,612	12,928	10,251	8,977	5.9	5.6
State programs	2,793	5,139	11,958	16,413	12,339	9,368	8,585	5.8	5.3
Railroad retirement	1,586	2,621	3,034	3,445	3,768	3,988	4,218	3.3	2.6
Other programs [1]	74	1,097	1,063	1,105	1,149	1,183	1,142	.2	.7
Disabled coal miners	7	967	945	988	964	1,048	984	(Z)	.6
Assistance to refugees	50	86	70	67	134	85	112	.1	.1
In-kind benefits	**11,641**	**22,912**	**30,053**	**35,875**	**41,357**	**47,467**	**53,721**	**100.0**	**100.0**
Food and nutrition [1]	1,590	4,466	6,468	7,714	8,278	8,500	10,205	13.7	19.0
Food stamps	551	2,728	4,357	5,266	5,028	5,133	6,443	4.7	12.0
Child nutrition [4]	481	1,555	1,956	2,396	3,176	3,267	3,385	4.1	6.3
Health care	9,576	[5] 16,673	[5] 21,518	25,896	30,674	36,067	[5] 40,763	82.3	75.9
Hospital insurance	4,804	7,806	10,355	12,267	14,906	17,513	19,898	41.3	37.0
Supplementary medical insurance	1,979	2,874	3,765	4,671	5,865	7,080	8,259	17.0	15.4
Medicaid	2,612	5,552	6,840	8,325	9,181	10,680	11,701	22.4	21.8
Military retirees care	181	433	548	633	721	794	869	1.6	1.6
Housing [6]	475	1,776	2,072	2,264	2,405	2,900	2,753	4.1	5.1
Public housing	(NA)	1,116	1,312	1,392	1,271	1,701	1,440	(NA)	2.7

NA Not available. X Not applicable. Z Less than .05 percent. [1] Includes other benefits not shown separately. [2] Includes survivors pensions. [3] Basically, aid to families with dependent children. [4] Includes special milk programs. [5] Includes medical care for retired Public Health Service officers, not shown separately. [6] Includes rent and mortgage interest supplements.

No. 536. Federal Benefits for the Aged, by Type of Benefit: 1971 to 1979

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**]

TYPE OF BENEFIT	BENEFITS (bil. dol.)								PERCENT		
	1971	1973	1974	1975	1976	1977	1978	1979	1971	1975	1979
Total outlays	**44.0**	**56.9**	**65.7**	**81.3**	**92.0**	**95.7**	**103.9**	**116.4**	**100.0**	**100.0**	**100.0**
Cash benefits	34.2	46.0	53.2	64.7	73.0	72.8	76.9	85.2	77.7	79.6	73.2
Social security	27.1	37.1	42.8	51.8	58.6	56.6	62.9	69.0	61.6	63.7	59.3
Railroad employees	1.7	2.1	2.3	2.8	3.2	3.5	3.0	3.2	3.9	3.4	2.7
Federal civilian employees	2.3	3.3	4.3	5.5	6.4	7.1	5.0	6.2	5.2	6.8	5.3
Military retirement	.7	.7	.8	1.1	1.2	1.8	2.0	.8	1.6	1.4	.7
Coal miners [1]	.1	.2	.2	.2	.2	.3	.3	1.1	.2	.2	.9
Supplemental security income [2]	1.4	1.1	1.4	1.8	1.8	1.7	1.9	1.7	3.2	2.2	1.5
Veterans pensions	.9	1.4	1.4	1.5	1.6	1.8	1.8	[3] 3.2	2.0	1.8	2.7
In-kind benefits	9.8	11.0	12.5	16.6	19.0	22.9	27.0	31.2	22.3	20.4	26.8
Medicare	7.5	9.0	9.9	12.8	15.0	18.3	21.5	24.6	17.0	15.7	21.1
Medicaid	1.9	1.5	2.2	2.6	3.0	3.3	3.8	4.3	4.3	3.2	3.7
Food stamps	.2	.1	.1	1.0	.6	.6	.5	.5	.5	1.2	.4
Subsidized public housing	.2	.3	.2	.4	.4	.8	1.1	1.6	.5	.5	1.4

[1] Prior to 1979, represents benefit for coal miners' widows only. [2] Prior to 1974, represents Federal grants to States for aid to the aged, blind, and disabled. [3] Includes other veterans' compensation for aged.

Source of tables 535 and 536: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 537. Public Income-Maintenance Programs—Cash Benefit Payments: 1960 to 1978

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)									PERCENT	
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1970	1978
Total [1]	**25.9**	**36.6**	**64.5**	**96.1**	**112.7**	**139.9**	**152.7**	**163.6**	**173.9**	**100.0**	**100.0**
Percent of personal income [2]	6.5	6.8	8.0	9.1	9.8	11.1	11.1	10.7	10.2	(X)	(X)
Federal	20.7	30.7	50.3	77.6	91.4	109.2	123.5	134.6	144.3	78.0	83.1
State and local	4.9	5.4	13.6	17.8	20.7	29.6	28.3	28.4	29.3	21.1	16.9
OASDHI [3]	11.1	18.1	31.6	51.1	58.2	66.6	75.3	84.3	92.5	49.0	53.3
Public employee retirement [4]	2.6	4.6	9.2	14.7	17.8	21.3	24.5	27.4	30.9	14.3	17.8
Railroad retirement	.9	1.1	1.8	2.6	2.8	3.3	3.6	3.8	4.1	2.8	2.4
Veterans' pensions and compensation	3.4	4.2	5.5	6.4	7.1	7.7	8.4	9.1	9.6	8.5	5.5
Unemployment benefits	3.0	2.5	4.2	4.6	7.0	18.3	16.7	13.4	10.0	6.8	5.8
Temporary disability benefits	.4	.5	.7	.8	.9	.9	1.0	1.0	1.1	1.1	.6
Workers' compensation [5]	.9	1.2	2.0	3.6	4.0	4.6	5.2	5.8	6.8	3.1	3.9
Public assistance [6]	3.3	4.0	8.9	11.4	8.9	10.6	11.4	11.9	12.0	13.8	6.9
Supplemental security income [6]	(X)	(X)	(X)	(X)	5.2	5.9	6.1	6.3	6.6	(X)	3.8

X Not applicable. [1] Includes lump sum death benefits, not shown separately. [2] For base data, see table 736. [3] Old-age, survivors, disability, and health insurance under Federal Social Security Act; see text, p. 327. [4] Excludes refunds of contributions to employees who leave service. [5] Includes black lung benefits. [6] Beginning 1974, Federal grants to States for aid to aged, blind, and disabled replaced by supplemental security income programs; see text, p. 329.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly and unpublished data.

No. 538. Selected Social Insurance Programs—Paid Employment by Coverage Status: 1950 to 1978

[**In millions, except percent.** Prior to 1960, excludes Alaska and Hawaii. OASDHI = Old-age, survivors, disability, and health insurance. Represents civilian noninstitutional population aged 14 and over through 1965, 16 and over thereafter; and Armed Forces. Average employment data based on calendar week in March, June, September, and December for which Current Population Survey was taken, except as noted; see text, p. 1. Coverage status generally determined on basis of job with greatest number of hours worked during survey week. See also *Historical Statistics, Colonial Times to 1970,* series H 51-56 and H 186-196]

COVERAGE STATUS	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Paid average employment	**60.0**	**64.5**	**67.5**	**73.6**	**80.6**	**83.5**	**85.9**	**87.1**	**86.2**	**89.0**	**92.2**	**93.9**
Covered by OASDHI [1]	38.7	55.0	59.4	65.6	71.8	74.5	76.9	78.0	77.4	80.3	83.0	84.6
Percent of paid employment	64.5	85.3	88.0	89.1	89.1	89.2	89.5	89.6	89.8	90.2	90.0	90.1
Wage and salary	38.7	48.3	52.6	59.4	65.9	68.5	70.7	71.7	71.3	74.0	76.7	78.0
Self-employed [2]	(X)	6.7	6.8	6.2	5.9	6.0	6.2	6.3	6.1	6.3	6.4	6.7
Not covered by OASDHI	21.3	9.5	8.1	8.0	8.9	9.0	9.0	9.1	8.8	8.7	9.2	9.3
Excluded by Federal law	21.3	5.8	5.5	5.6	5.5	5.3	4.9	5.1	4.7	4.7	5.4	5.5
Federal civilian	1.7	1.8	2.0	2.2	2.5	2.3	2.3	2.5	2.3	2.3	2.5	2.5
Nonfarm self-employed	6.2	1.5	1.3	1.1	.9	.9	.8	.7	.7	.6	.7	.7
Domestic service	2.0	.8	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8
Other [3]	11.4	1.7	1.3	1.4	1.2	1.2	1.0	1.1	.9	1.0	1.4	1.5
Permitted by Federal law [4]	(X)	3.7	2.6	2.4	3.4	3.7	4.1	4.0	4.1	4.0	3.8	3.8
Civilian workers covered by [5]—												
Retirement systems	43.1	57.8	60.5	67.7	74.8	78.4	81.5	81.3	81.7	85.7	89.5	(NA)
OASDHI [6]	37.1	51.8	55.7	62.8	69.2	72.6	75.6	75.2	75.7	79.7	83.5	(NA)
Railroad retirement	1.6	1.3	.9	.8	.6	.6	.6	.6	.5	.5	.5	(NA)
Public employment [7]	4.4	4.7	3.9	4.1	5.0	5.2	5.3	5.5	5.5	5.5	5.5	(NA)
Workers' compensation	38.7	42.9	44.6	52.5	59.0	63.4	68.0	67.8	68.6	70.9	74.2	(NA)
Unemployment insurance [8]	36.0	41.7	43.7	50.3	55.8	66.0	69.0	69.5	69.7	72.1	75.8	(NA)
Temporary disability insurance [9]	10.3	11.2	11.3	13.3	14.6	16.0	16.0	15.7	15.7	16.2	16.7	(NA)

NA Not available. X Not applicable. [1] Includes railroad employees and all persons covered by Federal law except those on a group-elective or individual voluntary basis for whom coverage has not been arranged. [2] Estimates based on number expected to report earnings at end of year. [3] Farm workers, self-employed farmers, State and local government employees, employees of nonprofit organizations, and some additional small groups. [4] Persons whose coverage was authorized but not arranged on a group-elective or individual voluntary basis, such as employees of State and local governments and self-employed farmers who were eligible to report a percentage of gross earnings rather than net earnings. [5] As of December. [6] Excludes railroad employees and Armed Forces. [7] Excludes persons covered under both a government retirement system and OASDHI. [8] State, railroad, and Federal employee programs. [9] State and railroad programs. Excludes government employees covered by sick-leave provisions.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

No. 539. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1965 to 1978

[OASDHI=Old-age, survivors, disability, and health insurance, Federal programs under *Social Security Act*; *see p. 327*. Partly estimated. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

Program	Beneficiaries [1] (1,000)					Amount of benefits (mil. dol.)				
	1965	1970	1975	1977	1978	1965	1970	1975	1977	1978
Total	(X)	(X)	(X)	(X)	(X)	**32,571**	**55,609**	**123,431**	**145,452**	**155,391**
Percent of personal income	(X)	(X)	(X)	(X)	(X)	6.1	6.9	9.8	9.5	9.1
Retirement [2]	(X)	(X)	(X)	(X)	(X)	***16,787***	***29,401***	***61,757***	***77,684***	***86,755***
OASDHI	13,918	16,870	20,015	21,239	21,832	12,542	21,075	42,645	53,591	59,618
Public employee retirement	1,472	2,204	3,124	3,660	3,863	3,520	7,209	17,145	21,795	24,520
Federal civil service	359	477	732	784	825	897	1,849	5,229	6,509	7,360
Other Federal employee [3]	388	642	912	1,039	1,079	1,233	2,700	6,071	7,636	8,524
State and local government	725	1,085	1,480	1,837	1,959	1,390	2,660	5,845	7,650	8,636
Railroad retirement	498	553	579	592	594	705	1,113	1,966	2,298	2,417
Veterans Admin. programs [3]	14	3	1	(Z)	(X)	20	4	1	(Z)	(X)
Disability [2] [4]	(X)	(X)	(X)	(X)	(X)	**7,041**	**11,001**	**21,883**	**28,209**	**30,911**
OASDHI	*1,654*	*2,573*	*4,142*	*4,750*	*4,864*	*1,573*	*3,067*	*8,414*	*11,463*	*12,519*
Public employee retirement	326	419	526	611	650	751	1,312	2,702	3,500	3,904
Federal civil service	149	185	258	301	323	279	518	1,307	1,847	2,112
Other Federal employee [3]	108	148	163	158	157	318	538	905	1,023	1,080
State and local government	69	86	105	152	169	155	255	490	630	712
Railroad retirement	102	95	102	100	100	149	219	403	455	472
Veterans Admin. programs [5]	3,203	3,178	3,226	3,263	3,273	3,026	3,931	5,583	6,709	7,113
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	1,074	1,674	3,248	4,495	5,217
Black lung benefit program	(X)	25	333	298	281	(X)	77	595	573	592
Temporary disability:										
State *insurance* [6]	149	181	176	172	175	426	665	890	940	1,027
Railroad insurance	24	25	14	17	18	41	56	48	74	67
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	**5,872**	**10,272**	**20,699**	**25,387**	**26,879**
OASDHI	4,681	6,369	7,302	7,517	7,561	3,979	7,428	15,526	19,210	20,194
Public employee retirement	[6] 319	[6] 427	[6] 560	[6] 735	763	324	645	1,449	1,842	2,111
Federal civil service	220	297	382	403	416	191	429	975	1,249	1,425
Other Federal employee [3]	7	10	32	50	56	9	16	84	143	178
State and local government	92	120	145	282	290	125	200	390	450	508
Railroad retirement	288	324	338	338	335	278	424	914	1,071	1,132
Veterans Admin. programs [5]	1,900	2,284	2,258	2,191	2,138	1,150	1,545	2,084	2,369	2,482
Workers' compensation	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*140*	*197*	*365*	*482*	*531*
Black lung benefit program	(X)	2	152	159	159	(X)	33	360	393	429
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	**421**	**582**	**808**	**754**	**830**
OASDHI	(X)	(X)	(X)	(X)	(X)	217	294	337	312	345
Public employee retirement	(X)	(X)	(X)	(X)	(X)	125	189	321	292	334
Federal civil service	(X)	(X)	(X)	(X)	(X)	18	23	20	21	28
Other Federal employee	(X)	(X)	(X)	(X)	(X)	1	1	1	1	2
State and local government	(X)	(X)	(X)	(X)	(X)	105	165	300	270	304
Railroad retirement	(X)	(X)	(X)	(X)	(X)	22	26	25	19	16
Veterans Admin. programs [7]	(X)	(X)	(X)	(X)	(X)	57	73	124	131	135
Unemployment	(X)	(X)	(X)	(X)	(X)	**2,452**	**4,353**	**18,285**	**13,438**	**10,016**
State unemploy. insurance [8]	*1,188*	*1,620*	*3,515*	*2,298*	*2,028*	*2,283*	*4,184*	*18,188*	*13,338*	*9,891*
RR unemployment insurance	31	18	26	22	25	60	39	89	100	125
Training allowances [9]	75	60	(X)	(X)	(X)	108	131	7	(X)	(X)

NA Not available. X Not applicable. Z Fewer than 500 beneficiaries or less than $500,000. [1] For old-age, survivors, disability, and health insurance (OASDHI), average monthly number; for railroad retirement program, public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period; Area Redevelopment Act and Manpower Development and Training Act programs, number on rolls Dec. 31. [2] Includes benefits to dependents where applicable. [3] Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under Other Federal employee. [4] Excludes payments for medical care. [5] Payable in Calif., N.J., N.Y., R.I., and Puerto Rico under public and private plans. Data for beneficiaries in N.J. not available. [6] For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families. [7] Lump sums are for burial of deceased veterans. [8] Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, and the Disaster Relief Act of 1970. Beneficiaries relate to regular State unemployment insurance, Federal employee, and ex-servicemen programs only. Includes Puerto Rico. [9] Area Redevelopment Act of 1961 (Nov. 1961–June 1966) and Manpower Development and Training Act of 1962 (Aug. 1962–June 1975).

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

NO. 540. SOCIAL SECURITY (OASDHI)—COVERED EMPLOYMENT AND EARNINGS: 1950 TO 1977

[Beginning 1960, includes Puerto Rico and Virgin Islands and, beginning 1965, American Samoa and Guam. OASDHI: Old-age, survivors, disability, and health insurance. Represents all reported employment. See also *Historical Statistics, Colonial Times to 1970*, series H 172-185]

ITEM	Unit	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977
Living covered workers [1]	Mil.	80.6	107.4	118.1	133.5	138.2	140.6	142.9	145.2	148.3	150.9
With insured status [2]	Mil.	45.7	79.7	93.6	106.9	112.2	114.8	118.0	121.4	124.6	128.2
With uninsured status	Mil.	35.1	27.7	24.5	26.7	26.0	25.8	24.9	23.8	23.7	22.7
New entrants into covered employment	Mil.	2.5	3.1	4.6	4.4	5.2	5.7	4.9	4.1	4.7	5.0
Workers reported with—											
Taxable earnings [3]	Mil.	48	73	81	93	96	100	101	100	103	106
Maximum earnings [3]	Mil.	14	20	29	24	24	20	15	15	15	16
Earnings in covered employment	Bil. dol.	110	265	352	532	618	687	747	787	878	975
Reported taxable [3]	Bil. dol.	88	207	251	416	484	562	637	665	738	814
Percent of total	Percent	79.7	78.1	71.3	78.2	78.3	81.8	85.3	84.5	84.1	83.5
Average per worker:											
Total earnings	Dol.	2,274	3,656	4,359	5,711	6,420	6,879	7,369	7,854	8,519	9,193
Taxable earnings [3]	Dol.	1,812	2,854	3,108	4,464	5,030	5,628	6,284	6,634	7,161	7,672
Employers reporting taxable wages	1,000	3,350	5,670	6,090	5,690	5,710	5,760	5,750	5,720	5,840	5,920

[1] Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provisions that coordinate the OASDHI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than 1 account number; effect of such duplication is substantially less significant for the insured than for the uninsured. [2] Fully or currently insured for retirement and/or survivor benefits. [3] Beginning 1960, includes self-employment. See table 545 for maximum taxable earnings.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

NO. 541. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS OF COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1950 TO 1977

[**In billions of dollars, except percent.** OASDHI: Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, p. 327. 1950 excludes Alaska and Hawaii except that small amount of taxable wages included in railroad payrolls; data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1970*, series H 67-69]

PROGRAM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977
Total earnings [1]	185	319	419	612	710	794	851	893	979	1,083
All wages and salaries [1]	147	272	362	546	634	701	765	806	890	984
Civilian	142	262	349	526	612	679	742	783	867	959
Payrolls covered by:										
Retirement programs [2]	129	261	343	528	616	682	745	783	(NA)	(NA)
OASDHI [3 4]	109	234	309	480	559	620	678	713	793	883
Railroad retirement [3]	5	6	6	6	7	8	8	8	9	10
Federal civil service	6	12	16	26	30	32	34	37	39	43
State and local government	8	20	31	53	66	74	81	91	(NA)	(NA)
Unemployment insurance [3]	108	215	283	421	527	589	652	688	765	847
Workers' compensation program [5]	114	220	292	441	512	578	637	678	750	824
Net earnings in self-employment covered by OASDHI [6]	(X)	29	40	48	54	63	66	69	80	(NA)
Percent of civilian payrolls covered by—										
OASDHI [3 7]	77.2	89.6	88.4	91.3	91.4	91.3	91.4	91.2	91.7	(NA)
Railroad retirement [3]	3.8	2.2	1.6	1.2	1.2	1.2	1.1	1.1	1.1	1.0
Federal civil service retirement	4.3	4.6	4.7	5.0	4.9	4.7	4.6	4.7	4.5	4.5
State and local government retirement	5.6	7.8	9.0	10.1	10.8	10.9	10.9	11.6	(NA)	(NA)
Unemployment insurance [3]	76.3	82.3	81.0	80.0	86.1	86.8	87.9	86.9	87.2	87.5
Workers' compensation programs [5]	80.1	84.1	83.6	83.9	83.7	85.1	85.9	86.6	86.4	85.9

NA Not available. X Not applicable. [1] Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. [2] Beginning 1960 adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. [3] Taxable plus estimated nontaxable wages and salaries. [4] Beginning 1960, includes Armed Forces in all areas. [5] Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. [6] Effective 1960. [7] Percent computed after excluding Armed Forces payroll covered by OASDHI.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 542. Population 65 Years Old and Over, 1960 to 1979, and Projections to 2000

[As of **July 1**. See headnote, table 34. Projected numbers in this table are the same for series I, II, and III; projected percents of total population are for series II. Base year for projections is **1976**. See also tables 35 and 39]

AGE GROUP	NUMBER (mil.)							PERCENT DISTRIBUTION				
	1960	1970	1975	1979	1985	1990	2000	1960	1970	1979	1985	2000
65 years and over	**16.7**	**20.1**	**22.4**	**24.7**	**27.3**	**29.8**	**31.8**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Percent, all ages	9.2	9.8	10.5	11.2	11.7	12.2	12.2	(x)	(x)	(x)	(x)	(x)
65–69 years	6.3	7.0	8.1	8.7	9.2	10.0	9.2	37.7	35.0	35.2	33.9	28.9
70–74 years	4.8	5.5	5.8	6.6	7.3	7.8	8.2	28.6	27.2	26.7	26.7	25.9
75–79 years	3.1	3.9	4.0	4.3	5.1	5.5	6.4	18.5	19.2	17.3	18.7	20.1
80–84 years	1.6	2.3	2.7	2.8	3.1	3.6	4.2	9.6	11.5	11.3	11.2	13.3
85 years and over	.9	1.4	1.9	2.3	2.6	2.9	3.8	5.6	7.1	9.5	9.5	11.8

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 519, 704, 721, and 870.

No. 543. Societal Dependency Ratios, 1940 to 1979, and Projections to 2030

[As of **July**, except as noted. Includes Armed Forces overseas. Societal dependency ratios represent essentially the relative burden of older "dependents" on "productive" persons, defined either by age or economic status]

DEPENDENCY RATIO	1940	1950	1960	1970	1978	1979	1990	2000	2010	2020	2030
Persons, 65 years old and over, per 100 persons, 18 to 64 years old [1]	.11	13	17	17	18	18	20	20	20	26	32
Persons, 60 years old and over, per 100 persons, 20 to 59 years old [1]	19	23	27	29	30	30	31	30	33	43	48
Nonworkers, 60 years old and over, per 100 workers, 20 to 59 years old [2]	[3] 21	[3] 25	[4] 28	[4] 30	[4] 29	[4] 30	[4] 31	[4] 32	(NA)	(NA)	(NA)

NA Not available. [1] Ratios for 1990–2030 based on Series II; see table 34. [2] Ratios for 1990 and 2000 based on Series III; see table 34. [3] As of April. [4] Labor force data are monthly averages based on or consistent with the Current Population Survey; see text, p. 1.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 59, and series P-25, Nos. 704 and 870; and unpublished data.

No. 544. Social Security (OASDHI)—Effect on Contributions of Changes in the Tax Rates and Wage Base: 1958 to 1981

[OASDHI = Old-age, survivors, disability, and health insurance programs. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate]

YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.)			YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (per cent)	EFFECT OF CHANGES (bil. dol.)		
			Total	On wage base	On tax rate				Total	On wage base	On tax rate
1958	4,200	4.50	([2])	([2])	([2])	1972	9,000	([2])	2.9	2.9	([2])
1959	4,800	5.00	1.5	.6	.9	1973	10,800	11.70	10.8	4.6	6.2
1960	([2])	6.00	1.9	([2])	1.9	1974	13,200	([2])	3.9	3.9	([2])
1962	([2])	6.25	.5	([2])	.5	1975	14,100	([2])	1.4	1.4	([2])
1963	([2])	7.25	2.1	([2])	2.1	1976	15,300	([2])	2.1	2.1	([2])
1966	6,600	8.40	6.2	3.4	2.8	1977	16,500	([2])	2.1	2.1	([2])
1967	([2])	8.80	1.2	([2])	1.2	1978	17,700	12.10	5.6	2.1	3.5
1968	7,800	([2])	2.1	2.1	([2])	1979	22,900	12.26	9.5	8.0	1.6
1969	([2])	9.60	3.0	([2])	3.0	1980	25,900	([2])	3.6	3.6	([2])
1971	([2])	10.40	3.2	([2])	3.2	1981	29,700	13.30	[3] 16.6	[3] 4.0	[3] 12.6

[1] Employee and employer contribute equally. [2] No increase occurred. [3] Estimated.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1978, and unpublished data. Data from U.S. Social Security Administration.

NO. 545. SOCIAL SECURITY (OASDHI)—EFFECTIVE AND SCHEDULED CONTRIBUTION RATES: 1960 TO 1983

[OASDI = Old-age, survivors, and disability insurance; HI = Hospital insurance]

YEAR	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	CONTRIBUTION RATES (percent)						Supplementary medical insurance, monthly rate [2] (dol.)
			Each employer and employee			Self-employed			
			Total	OASDI	HI [1]	Total	OASDI	HI [1]	
In effect:									
1960	4,800	144	3.00	3.00	(x)	4.50	4.50	(x)	(x)
1965	4,800	174	3.625	3.625	[3] .35	5.40	5.40	[3] .35	[3] 3.00
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	[4] 5.30
1971	7,800	406	5.20	4.60	.60	7.50	6.90	.60	[4] 5.60
1972	9,000	468	5.20	4.60	.60	7.50	6.90	.60	[4] 5.80
1973	10,800	632	5.85	4.85	1.00	8.00	7.00	1.00	[5] 6.30
1974	13,200	772	5.85	4.95	.90	7.90	7.00	.90	[4] 6.70
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70
1976	15,300	895	5.85	4.95	.90	7.90	7.00	.90	[4] 7.20
1977	16,500	965	5.85	4.95	.90	7.90	7.00	.90	7.70
1978	17,700	1,071	6.05	5.05	1.00	8.10	7.10	1.00	[4] 8.20
1979	22,900	1,404	6.13	5.08	1.05	8.10	7.05	1.05	[4] 8.70
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	[4] 9.60
Future schedule:									
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	(NA)
1982	([6])	2,131	6.70	5.40	1.30	9.35	8.05	1.30	(NA)
1983	([6])	2,271	6.70	5.40	1.30	9.35	8.05	1.30	(NA)

NA Not available. X Not applicable. [1] Hospital insurance for the aged, first effective in 1966; for the disabled, in 1973. [2] Program began July 1966. Voluntary program financed by equal contributions from participants 65 and older, and Federal Government. Beginning 1973, Federal Government finances cost of program not met by disabled and aged participants. [3] As of July 1966. [4] Effective July 1. [5] Effective Aug. 13. [6] Will be adjusted by Federal law to reflect increasing income levels.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 546. SOCIAL SECURITY (OASDHI) TRUST FUNDS: 1965 TO 1979

[**In millions of dollars, except percent.** See also *Historical Statistics, Colonial Times to 1970,* series H 238-242]

TYPE OF TRUST FUND	1965	1970	1973	1974	1975	1976	1977	1978	1979
Old-age and survivors:									
Net contribution income [1]	16,017	30,256	45,975	52,081	56,816	63,362	69,572	75,471	87,919
Transfers from general revenue [2]	(x)	449	442	447	425	614	613	614	557
Interest received	593	1,515	1,928	2,159	2,364	2,301	2,227	2,008	1,797
Benefit payments	16,737	28,796	45,741	51,618	58,509	65,699	73,113	80,352	90,556
Administrative expenses	328	471	647	865	896	959	981	1,115	1,113
Percent of benefit payments	2.0	1.6	1.4	1.7	1.5	1.5	1.3	1.4	1.2
Assets, end of year	18,235	32,454	36,487	37,777	36,987	35,388	32,491	27,520	24,660
Disability:									
Net contribution income [1]	1,188	4,481	5,932	6,826	7,444	8,233	9,138	13,413	15,114
Transfers from general revenue [2]	(x)	16	52	52	90	103	128	142	118
Interest received	59	277	458	500	502	422	304	256	358
Benefit payments	1,573	3,067	5,718	6,903	8,414	9,966	11,463	12,513	13,708
Administrative expenses	90	164	190	217	256	285	399	325	371
Percent of benefit payments	5.7	5.3	3.3	3.1	3.0	2.9	3.5	2.6	2.7
Assets, end of year	1,606	5,614	7,927	8,109	7,354	5,745	3,370	4,226	5,630
Hospital: [3]									
Net contribution income [1]	[4] 3,152	4,881	9,945	10,850	11,509	12,736	14,126	17,579	21,008
Transfers from general revenue [2]	[4] 312	874	499	519	669	141	946	829	875
Interest received	[4] 51	161	281	528	671	753	784	804	942
Benefit payments	[4] 3,353	5,124	7,057	9,101	11,318	13,343	15,743	17,688	20,630
Administrative expenses	[4] 77	157	232	271	263	336	276	489	443
Percent of benefit payments	[4] 2.3	3.1	3.3	3.0	2.3	2.5	1.8	2.8	2.1
Assets, end of year	[4] 1,073	3,202	6,467	9,119	10,517	10,605	10,442	11,477	13,228
Supplementary medical care: [5]									
Net contribution income [1]	[4] 640	1,096	1,550	1,804	1,918	2,060	2,247	2,469	2,678
Transfers from general revenue	[4] 933	1,093	1,705	2,225	2,648	3,810	5,386	6,287	6,645
Interest received	[4] 24	12	57	95	106	106	172	299	403
Benefit payments	[4] 1,197	1,975	2,526	3,318	4,273	5,080	6,038	7,252	8,708
Administrative expenses	[4] 110	238	318	410	462	542	467	503	558
Percent of benefit payments	[4] 9.2	12.0	12.6	12.4	10.8	10.7	7.7	6.9	6.4
Assets, end of year	[4] 412	188	1,111	1,506	1,444	1,799	3,099	4,400	4,902

X Not applicable. [1] Includes deposits by States and deductions for refund of estimated employee-tax overpayment. For supplementary medical insurance represents voluntary premium payments from and in behalf of insured persons. [2] Transfers for military wage credits and for cost of hospital benefits for persons not insured for OASDHI or railroad retirement cash benefits. [3] See footnote 1, table 545. [4] 1967 data. [5] See footnote 2, table 545.

Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds.* Also published in *Social Security Bulletin,* monthly.

No. 547. Social Security (OASDI)—Benefits, by Type of Beneficiary: 1960 to 1979

[OASDI=Old-age, survivors, and disability insurance. A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. See also headnote, table 540; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
	BENEFITS IN CURRENT-PAYMENT STATUS [1] (end of year)									
Number of benefits (1,000)	**14,845**	**20,867**	**26,229**	**29,868**	**30,853**	**32,086**	**33,024**	**34,079**	**34,586**	**35,125**
Retired workers [2] (1,000)	8,061	11,101	13,349	15,365	15,959	16,588	17,165	17,821	18,358	18,970
Disabled workers [3] (1,000)	455	988	1,493	2,017	2,237	2,489	2,669	2,837	2,880	2,870
Wives and husbands [2 4] (1,000)	2,346	2,807	2,952	3,189	3,238	3,320	3,370	3,457	3,471	3,467
Children [5] (1,000)	2,000	3,093	4,122	4,687	4,776	4,972	5,036	5,083	4,938	4,794
Widowed mothers [6] (1,000)	401	472	523	572	574	582	579	583	576	574
Widows and widowers [2 7] (1,000)	1,544	2,371	3,227	3,656	3,770	3,889	3,995	4,119	4,212	4,322
Parents [2] (1,000)	36	35	29	24	23	21	20	18	17	16
Special benefits [8] (1,000)	(x)	(x)	534	358	278	224	188	159	134	112
Average monthly benefit, current dollars:										
Retired workers [2]	74	84	118	166	188	207	225	243	263	294
Retired worker and wife [2]	124	142	199	277	312	344	374	404	438	(NA)
Disabled workers [3]	89	98	131	183	207	226	245	265	288	322
Wives and husbands [2 4]	39	43	59	81	91	100	108	117	126	141
Widowed mothers [6]	59	65	87	118	134	147	160	174	190	213
Widows and widowers [2 7]	58	74	102	156	178	194	209	224	241	267
Parents [2]	60	76	103	141	158	172	185	198	214	238
Special benefits [8]	(x)	(x)	45	57	64	69	73	78	83	92
Average monthly benefit, constant 1979 dollars:										
Retired workers [2]	190	203	228	275	278	287	297	300	298	294
Retired worker and wife [2]	319	342	384	460	462	476	493	499	497	(NA)
Disabled workers [3]	229	236	254	304	306	313	324	328	326	322
Wives and husbands [2 4]	100	104	113	135	135	138	142	145	143	141
Widowed mothers [6]	152	156	168	196	197	204	211	215	215	213
Widows and widowers [2 7]	150	178	196	260	264	268	276	276	273	267
	BENEFITS AWARDED DURING YEAR (1,000)									
Number of benefits	**2,336**	**3,072**	**3,722**	**4,221**	**4,101**	**4,427**	**4,341**	**4,611**	**4,166**	**4,227**
Retired workers [2]	982	1,183	1,338	1,493	1,413	1,506	1,464	1,594	1,480	1,597
Full benefits payable	634	296	114	135	109	117	110	114	142	139
Reduced benefits [9]	207	579	745	912	903	964	972	1,075	974	1,017
Other [10]	141	308	479	446	401	425	382	404	364	441
Disabled workers [3]	208	253	350	492	536	592	552	569	457	409
Wives and husbands [2 4]	394	390	436	478	451	499	494	543	477	471
Children [5]	416	783	1,091	1,250	1,220	1,332	1,327	1,366	1,234	1,191
Widowed mothers [6]	93	100	112	119	109	116	114	119	110	110
Widows and widowers [2 7]	239	359	363	372	364	377	386	417	404	446
Parents [2]	5	3	2	2	1	1	1	1	1	1
Special benefits [8]	(x)	(x)	30	15	7	4	3	3	3	2
	BENEFIT PAYMENTS DURING YEAR (mil. dol.)									
Total amount [11]	**11,245**	**18,311**	**31,863**	**51,459**	**58,521**	**66,923**	**75,665**	**84,576**	**92,865**	**104,263**
Monthly benefits [12]	11,081	18,094	31,570	51,130	58,194	66,586	75,332	84,264	92,520	103,923
Retired workers [2]	7,053	10,984	18,437	29,352	33,376	38,078	43,057	48,134	53,255	60,379
Disabled workers [3]	489	1,246	2,448	4,676	5,662	6,908	8,190	9,456	10,315	11,333
Wives and husbands [2 4]	1,083	1,478	2,194	3,293	3,628	4,104	4,562	5,057	5,525	6,135
Children [5]	1,085	1,922	3,517	5,204	5,852	6,643	7,434	8,163	8,671	9,416
Widowed mothers [6]	286	388	574	801	898	1,009	1,113	1,189	1,284	1,409
Widows and widowers [2 7]	1,057	2,041	4,055	7,491	8,490	9,596	10,750	12,055	13,278	15,071
Parents [2]	28	35	39	48	49	50	51	52	51	52
Special benefits [8]	(x)	(x)	306	266	238	198	174	157	142	128
Lump sum	164	217	294	329	327	337	332	312	344	340

NA Not available. X Not applicable. [1] Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits, i.e., the benefits actually being received. [2] 62 years and over, except 1960 for men, 65 years and over. [3] Disabled workers under age 65. [4] Includes wife beneficiaries with entitled children in their care and, beginning Sept. 1965, entitled divorced wives. [5] Includes disabled persons aged 18 and over whose disability began before age 18 (22, beginning Jan. 1973) and, beginning Sept. 1965, entitled full-time students aged 18-21. [6] Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. [7] Beginning Sept. 1965, includes widows aged 60-61 and surviving divorced wives aged 60 and over; beginning March 1968, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60-61. [8] Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. [9] Benefits payable with reduction for early retirement, at ages 62-64. [10] Includes awards suspended chiefly because of earnings of the retired worker and awards converted from disability awards to retirement awards on attainment of age 65. Also includes awards to transitionally insured persons aged 72 and over. [11] Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. [12] Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 548. Social Security (OASDI)—Benefits in Current-Payment Status and Benefit Payments, 1970 to 1978, and by States and Other Areas, 1978

[Number of benefits and average monthly benefit as of **December**. OASDI=Old-age survivors, and disability insurance. By beneficiary's State of residence. See also headnote, table 547, and Appendix III]

Year and state or other area	Number of benefits (1,000)				Benefit payments (mil. dol.)				Average monthly benefits (dol.)		
	Total	Retired workers [1] [2]	Survivors	Disabled workers [2]	Total	Retired workers [1] [2]	Survivors [3]	Disabled workers [2]	Retired workers [4]	Disabled workers	Widows and widowers
1970	26,229	17,093	6,470	2,665	31,863	21,075	7,721	3,067	118	131	102
1974	30,853	19,682	7,260	3,911	56,521	37,452	14,167	6,903	188	207	178
1975	32,086	20,322	7,411	4,353	66,923	42,645	15,864	8,414	207	226	194
1976	33,024	20,902	7,497	4,624	75,665	48,069	17,630	9,966	225	245	209
1977	34,079	21,636	7,582	4,861	84,576	53,591	19,522	11,463	243	265	224
1978, total	**34,586**	**22,132**	**7,586**	**4,869**	**92,865**	**59,301**	**21,051**	**12,513**	**263**	**288**	**241**
Ala	625	356	163	106	1,455	820	387	248	234	271	206
Alaska	19	10	7	3	51	28	16	7	264	311	226
Ariz	392	260	76	56	1,063	706	208	150	270	304	247
Ark	434	264	91	80	979	583	216	180	226	264	200
Calif	3,106	2,039	607	460	8,684	5,632	1,758	1,294	267	299	249
Colo	321	208	72	41	854	543	202	109	256	282	241
Conn	464	323	93	48	1,412	986	289	137	292	302	267
Del	83	53	19	11	235	149	56	30	277	295	256
D.C	89	56	22	11	219	140	51	28	233	253	219
Fla	1,932	1,371	331	231	5,269	3,683	959	628	265	293	246
Ga	744	411	185	148	1,756	970	439	347	233	264	208
Hawaii	106	74	20	12	274	192	52	30	266	290	230
Idaho	126	85	26	15	329	219	71	40	256	287	238
Ill	1,614	1,064	373	178	4,707	3,107	1,100	500	279	301	258
Ind	803	518	181	104	2,275	1,457	535	283	276	302	252
Iowa	487	339	104	45	1,324	901	305	119	262	287	243
Kans	372	261	78	33	1,013	697	228	88	261	285	242
Ky	588	340	141	107	1,381	781	354	246	234	279	214
La	576	304	157	116	1,346	711	378	257	237	276	216
Maine	194	128	39	27	491	321	107	63	247	273	233
Md	512	324	125	62	1,420	895	351	174	266	295	247
Mass	907	621	187	100	2,588	1,769	552	267	271	291	257
Mich	1,325	820	310	195	3,834	2,355	929	550	283	314	260
Minn	605	426	126	54	1,590	1,088	360	141	255	287	240
Miss	424	238	105	82	888	492	223	172	213	254	189
Mo	851	560	180	111	2,232	1,447	502	283	255	283	237
Mont	116	76	26	15	307	197	72	39	258	291	243
Nebr	252	178	53	21	669	465	150	55	256	277	239
Nev	84	55	17	13	239	154	49	37	264	303	248
N.H	136	95	26	15	380	265	75	40	268	290	250
N.J	1,134	744	242	148	3,423	2,268	733	423	289	304	265
N. Mex	168	98	40	30	397	237	94	66	246	282	223
N.Y	2,859	1,888	588	383	8,518	5,689	1,762	1,067	286	303	262
N.C	861	509	208	144	2,056	1,216	493	347	237	263	205
N. Dak	103	72	23	9	258	177	61	20	245	265	231
Ohio	1,588	984	378	226	4,463	2,724	1,123	616	272	303	255
Okla	476	305	103	68	1,194	751	277	167	245	276	223
Oreg	395	274	72	49	1,104	752	215	137	269	297	248
Pa	2,018	1,308	457	254	5,803	3,714	1,373	716	277	300	256
R.I	165	112	31	21	464	316	92	56	269	281	252
S.C	431	237	112	82	1,014	565	255	194	237	263	204
S. Dak	118	81	26	11	290	195	69	25	242	267	228
Tenn	716	425	165	125	1,697	996	408	293	235	266	209
Tex	1,775	1,098	436	241	4,406	2,702	1,128	576	244	279	226
Utah	141	95	31	15	386	257	88	41	267	299	249
Vt	79	52	16	11	209	137	46	26	259	281	239
Va	692	416	167	109	1,727	1,030	429	268	244	275	222
Wash	557	380	109	68	1,581	1,060	325	196	273	304	251
W. Va	356	194	89	74	908	484	240	184	257	297	231
Wis	750	516	154	81	2,086	1,410	458	217	271	298	252
Wyo	49	33	11	5	132	88	32	12	258	287	242
Puerto Rico	551	258	97	197	804	369	157	278	167	222	158
Outlying U.S. [5]	12	6	4	2	22	13	6	3	229	249	191
Foreign	307	195	93	20	660	406	213	41	228	277	213

[1] Includes special benefits; see footnote 8, table 547. [2] Includes benefits payable to dependents. [3] Includes lump-sum payments to survivors of deceased workers. [4] Excludes persons with special benefits. [5] Guam, Samoa, Virgin Islands, etc.

Source: U.S. Social Security Administration. Periodically in *Social Security Bulletin*.

No. 549. Social Security (OASDHI)—Retirement Benefits, by Sex: 1960 to 1979

[As of end of year. Benefits in current-payment status. OASDHI = Old-age, survivors, disability, and health insurance. Full benefits begin at age 65; reduced benefits at age 62. The latter began in 1956 for women and in 1961 for men. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 245-259]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
MALE											
Number receiving benefits [1]	1,000	5,217	6,825	7,688	8,610	8,832	9,164	9,420	9,714	9,928	10,192
Full benefits	1,000	5,217	5,389	4,930	4,817	4,737	4,699	4,633	4,583	4,536	4,607
Reduced benefits	1,000	(X)	1,436	2,758	3,793	4,095	4,465	4,787	5,131	5,392	5,586
Average age	Years	73.2	72.9	72.6	72.3	72.3	72.3	72.2	72.2	72.2	(NA)
Percent aged:											
62-64 years	Percent	(X)	6.9	7.5	8.7	8.9	9.3	9.4	9.5	9.2	9.2
65-69 years	Percent	33.8	29.7	30.1	31.9	32.2	32.2	32.3	32.3	32.4	32.3
70-74 years	Percent	33.1	29.5	26.9	25.7	25.9	25.6	25.8	25.8	25.9	26.0
75 years and over	Percent	33.2	33.9	35.5	33.7	33.0	32.9	32.5	32.4	32.5	32.5
Avg. monthly benefits, total	Dol.	82	93	131	183	207	228	248	268	292	327
Full	Dol.	82	96	139	197	224	247	270	293	320	359
Reduced:											
Before reduction	Dol.	(X)	90	129	181	206	228	250	272	297	334
After reduction	Dol.	(X)	79	115	164	187	207	226	246	268	300
Minimum monthly benefits: [2]											
Full	Dol.	33	44	64	85	85	94	101	108	114	122
Reduced	Dol.	(X)	35	51	68	68	75	81	86	92	98
Maximum monthly benefits: [2]											
Full	Dol.	119	132	190	266	275	316	364	413	460	503
Reduced	Dol.	(X)	103	147	208	217	253	286	319	355	389
FEMALE											
Number receiving benefits [1]	1,000	2,845	4,276	5,661	6,754	7,126	7,424	7,744	8,106	8,430	8,778
Full benefits	1,000	1,896	2,192	2,352	2,527	2,526	2,521	2,670	2,669	2,684	2,772
Reduced benefits	1,000	949	2,083	3,309	4,227	4,601	4,903	5,074	5,438	5,745	6,006
Average age	Years	71.0	71.8	72.0	72.0	72.1	72.2	72.3	72.4	72.5	(NA)
Percent aged:											
62-64 years	Percent	12.6	12.2	11.5	11.9	11.8	11.8	11.6	11.6	11.3	11.2
65-69 years	Percent	36.3	31.6	30.1	30.7	30.6	30.4	30.2	30.0	29.8	29.5
70-74 years	Percent	29.0	28.1	25.4	24.2	24.2	24.2	24.4	24.3	24.4	24.3
75 years and over	Percent	22.2	28.1	33.1	33.1	33.4	33.6	33.8	34.1	34.5	35.0
Avg. monthly benefits, total	Dol.	60	70	101	146	165	182	197	213	230	257
Full	Dol.	62	75	112	164	186	206	224	243	265	298
Reduced:											
Before reduction	Dol.	64	74	106	144	163	180	(NA)	(NA)	(NA)	(NA)
After reduction	Dol.	56	65	94	135	154	169	183	198	214	238
Minimum monthly benefits: [2]											
Full	Dol.	33	44	64	85	85	94	101	108	114	122
Reduced	Dol.	26	35	51	68	68	75	81	86	92	98
Maximum monthly benefits: [2]											
Full	Dol.	119	136	196	276	285	334	379	422	460	503
Reduced	Dol.	95	105	152	213	220	253	286	319	355	389

NA Not available. X Not applicable. [1] Includes disability beneficiaries who attained age 65. [2] Assumes retirement at beginning of year.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly, *Annual Statistical Supplement*, and unpublished data.

No. 550. Indexes of Pensions, Average Weekly Earnings, and Consumer Prices, Selected Countries: 1971 to 1976

[1970 = 100. Relates to national social security systems. Pensions and wages data refer to average worker in manufacturing; price trend based on annual changes in consumer price index]

COUNTRY AND INDEX	1971	1973	1974	1975	1976	COUNTRY AND INDEX	1971	1973	1974	1975	1976
United States:						Netherlands:					
Pensions	110	132	132	147	158	Pensions	116	152	170	198	229
Wages	107	123	133	143	157	Wages	114	149	171	192	209
Prices	104	114	127	139	147	Prices	108	125	137	151	165
Austria:						Sweden:					
Pensions	106	124	137	153	173	Pensions	110	133	152	182	202
Wages (avg. mo.)	114	143	165	188	205	Wages (avg. mo.)	108	125	136	158	176
Prices	105	120	131	142	153	Prices	107	122	134	147	162
France:						Switzerland:					
Pensions	111	134	152	180	212	Pensions	100	182	182	227	227
Wages	110	147	172	196	221	Wages	112	142	160	171	173
Prices	106	120	137	153	168	Prices	107	124	136	149	147
Germany, Fed. Rep.:						United Kingdom:					
Pensions	106	130	144	160	178	Pensions	100	135	155	200	266
Wages	110	131	143	150	165	Wages	113	144	169	220	264
Prices	105	119	127	135	141	Prices	109	128	148	184	215

Source: U.S. Social Security Administration, *Social Security Bulletin*, unpublished data.

No. 551. Federal Civil Service Retirement: 1960 to 1979

[As of **June 30** or for years ending **June 30** except, beginning **1977**, as of **Sept. 30** or for year ending Sept. 30. See text, p. 328. See also *Historical Statistics, Colonial Times to 1970*, series H 262-270]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Annuitants, total	1,000	515	729	958	1,372	1,432	1,502	1,564	1,617
Age and service	1,000	263	360	477	732	759	790	825	857
Disability	1,000	102	149	185	258	279	306	323	333
Survivors	1,000	150	220	296	382	394	405	416	427
Receipts, total [1]	Mil. dol	1,761	2,664	4,683	11,377	13,121	15,094	17,640	20,548
Employee contributions	Mil. dol	760	1,067	1,740	2,554	2,780	2,931	3,194	3,447
Federal gov't contributions	Mil. dol	749	1,115	1,952	6,707	7,877	9,337	11,035	12,865
Disbursements, total [2]	Mil. dol	893	1,438	2,752	7,207	8,405	9,694	11,014	12,593
Age and service annuitants [3]	Mil. dol	668	1,126	2,129	6,052	7,098	8,143	9,246	10,571
Survivors	Mil. dol	99	182	389	908	1,077	1,238	1,423	1,618
Average monthly benefit:									
Age and service	Dol	216	251	362	620	695	765	827	924
Disability	Dol	123	154	221	406	462	517	562	629
Survivors	Dol	58	72	116	331	371	410	444	498
Cash and security holdings	Bil. dol	10.1	15.6	22.4	38.4	43.1	49.7	56.3	64.3

[1] Includes interest on investments. [2] Includes refunds, death claims, and administration. [3] Includes disability annuitants.

Source: U.S. Office of Personnel Management, 1960-1978, *Report on Civil Service Retirement, Federal Employees Group Life Insurance, Federal Employees Health Benefits, Retired Federal Employees Health Benefits*, annual; beginning 1979, *Federal Fringe Benefits Facts*, annual.

No. 552. State and Local Government Retirement Systems: 1962 to 1977

[**Last month or end of fiscal year.** Prior to 1977, covers only systems in which employees make contributions. 1977 data include systems in which employees make no contributions]

YEAR AND COVERAGE CLASS	Number of systems	Membership (1,000)	RECURRENT MONTHLY BENEFITS			CASH AND SECURITY HOLDINGS		Total receipts (mil. dol.)	Total benefits and withdrawals (mil. dol.)
			Beneficiaries (1,000)	Benefits (mil. dol.)	Avg. per beneficiary	Total (mil. dol.)	Average per member		
1962	2,346	5,367	739	101.4	$137	23,294	$4,340	3,997	1,567
1967	2,165	7,068	1,030	166.7	162	39,265	5,555	6,580	2,609
1972	2,304	9,089	1,463	326.4	223	68,760	7,505	12,620	4,768
1977, total	**3,075**	**10,951**	**2,271**	**677.7**	**298**	**123,481**	**11,276**	**25,347**	**9,559**
General coverage systems	**600**	**6,787**	**1,366**	**323.4**	**237**	**66,415**	**9,786**		
State-administered	62	5,761	986	228.2	231	50,179	8,711		
Locally administered	538	1,026	380	95.2	251	16,236	15,828		
Limited coverage systems	**2,475**	**4,165**	**905**	**354.3**	**391**	**57,066**	**13,701**	(NA)	(NA)
School employees and teachers	68	3,646	689	265.7	386	45,842	12,573		
State-administered	44	3,473	635	235.3	371	41,692	12,005		
Locally administered	24	173	54	30.4	563	4,150	23,988		
Police and firemen	2,196	348	158	69.7	441	8,508	24,448		
Other systems	211	171	58	18.9	326	2,717	15,889		

NA Not available.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 1, *Employee-Retirement Systems of State and Local Governments.*

No. 553. Railroad Retirement Benefits: 1960 to 1979

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series H 271-286]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Avg. number of railroad employees	1,000	930	762	650	588	575	537	547	542	555
Retirement and survivor benefits:										
Monthly benefits awarded	1,000	115	85	99	95	137	107	96	87	84
Recipients	1,000	873	980	1,051	1,073	1,094	1,100	1,108	1,101	1,093
Monthly benefits in current payment status (end of year)	1,000	790	889	1,036	1,107	1,160	1,182	1,201	1,204	1,205
Benefit payments	Mil. dol	926	1,118	1,594	2,671	3,060	3,470	3,787	3,988	4,275

Source: U.S. Railroad Retirement Board, *Annual Report.* Current data in *RRB Quarterly Review.*

NO. 554. ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1950 TO 1979

[In billions of dollars. As of end of year. Represents book value]

TYPE OF PENSION FUND	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total, all types	**37.8**	**108.3**	**159.0**	**264.1**	**366.6**	**407.7**	**459.6**	**501.2**	**565.8**	**639.6**
OASI trust fund [1]	13.7	20.3	18.2	32.5	37.8	37.0	35.4	32.5	27.5	24.7
Disability trust fund [1]	(X)	2.3	1.6	5.6	8.1	7.4	5.7	3.4	4.2	5.6
Private and public funds	24.2	85.6	139.0	226.0	320.7	363.3	418.5	465.3	534.1	609.3
Private funds	12.1	52.0	85.4	138.2	194.5	216.9	248.8	279.6	321.3	362.7
Insured	5.6	18.8	27.3	41.2	60.8	71.7	88.4	98.1	119.1	139.2
Noninsured [2]	6.5	33.1	58.1	97.0	133.7	145.2	160.4	181.5	202.2	223.5
Preferred and common stock	(NA)	11.5	25.9	53.5	80.4	84.8	94.6	98.2	101.7	112.3
Corporate bonds	(NA)	15.7	23.1	29.7	35.0	37.8	39.1	45.6	53.8	59.5
U.S. Gov't securities	(NA)	2.7	3.0	3.0	5.5	10.8	14.7	20.1	19.7	22.5
Other	(NA)	1.9	4.3	6.0	6.7	5.4	4.6	6.2	10.9	29.2
Public funds	12.1	33.7	53.7	87.7	126.2	146.4	169.7	186.0	212.8	246.6
State and local government	5.3	19.3	33.5	60.3	88.0	104.7	120.8	130.5	153.0	178.9
U.S. Government	6.8	14.3	20.1	27.5	38.2	41.7	48.9	55.2	59.8	67.7
Civil Service [3]	4.2	10.6	16.2	23.1	34.6	38.6	45.8	52.6	59.8	67.7
Railroad retirement	2.6	3.7	3.9	4.4	3.6	3.1	3.1	2.6		

NA Not available. X Not applicable. [1] Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly. Represents trust funds under the Federal Social Security Act; see text, p. 327. OASI: Old-age and survivors insurance. [2] Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans; excludes health, welfare, and bonus plans. [3] Includes U.S. Foreign Service Retirement and Disability Trust Fund.

Source: Except as noted, U.S. Securities and Exchange Commission, *Statistical Bulletin*, monthly.

NO. 555. PRIVATE PENSION AND DEFERRED PROFIT-SHARING PLANS: 1950 TO 1975

[Includes pay-as-you-go, multiemployer, union-administered, and nonprofit organization plans, and railroad plans supplementing the Federal railroad retirement program. Plans are classified as insured and noninsured, the former underwritten by insurance companies and the latter generally funded through trustees. See also *Historical Statistics, Colonial Times to 1970*, series H 287-304]

ITEM AND TYPE OF PLAN	Unit	1950	1955	1960	1965	1970	1972	1973	1974	1975
Persons covered, [1] [2]	1,000	**9,800**	**14,200**	**18,700**	**21,800**	**26,300**	**27,500**	**29,200**	**29,800**	**30,300**
Insured plans	1,000	2,600	3,800	4,900	6,200	8,900	9,500	10,200	10,800	11,600
Noninsured plans, gross	1,000	7,200	11,600	16,300	19,100	22,000	24,000	25,600	26,200	26,800
Contributions:										
Employer	Mil. dol	1,750	3,280	4,710	7,370	12,580	16,940	19,390	23,020	27,560
Insured plans	Mil. dol	720	1,100	1,190	1,770	2,860	4,200	5,020	6,050	7,730
Noninsured plans	Mil. dol	1,030	2,180	3,520	5,600	9,720	12,740	14,370	16,970	19,830
Employee	Mil. dol	330	560	780	990	1,420	1,600	1,710	2,000	2,290
Insured plans	Mil. dol	200	280	300	320	350	400	440	540	690
Noninsured plans	Mil. dol	130	280	480	670	1,070	1,200	1,270	1,460	1,600
Monthly beneficiaries [1]	**1,000**	**450**	**980**	**1,760**	**2,750**	**4,740**	**5,550**	**6,080**	**6,390**	**7,050**
Insured plans	1,000	150	290	540	790	1,220	1,350	1,480	1,550	1,690
Noninsured plans	1,000	300	690	1,240	1,960	3,520	4,200	4,600	4,840	5,360
Benefit payments [3]	**Mil. dol**	**370**	**850**	**1,720**	**3,520**	**7,360**	**10,000**	**11,220**	**12,930**	**14,810**
Insured plans	Mil. dol	80	180	390	720	1,330	1,700	1,910	2,190	2,480
Noninsured plans [3]	Mil. dol	290	670	1,330	2,800	6,030	8,300	9,310	10,740	12,330
Reserves [1]	**Bil. dol**	**12.1**	**27.5**	**52.0**	**86.5**	**137.1**	**167.8**	**180.2**	**191.7**	**212.6**
Insured plans	Bil. dol	5.6	11.3	18.8	27.3	40.1	50.3	53.4	58.0	67.4
Noninsured plans	Bil. dol	6.5	16.1	33.1	59.2	97.0	117.5	126.5	133.7	145.2

[1] As of end of year. [2] Beginning 1955, net coverage. [3] Includes refunds and lump sum payments.

NO. 556. BLACK LUNG BENEFIT PROGRAM, 1970 TO 1979, AND BY SELECTED STATES, 1979

[Benefits payable to miners totally disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969. Program is administered by Social Security Administration but is financed from U.S. Dept. of Treasury general funds]

BENEFICIARIES AND PAYMENTS	Unit	1970	1975	1976	1977	1978	1979						
							Total	Selected States					
								Pa.	W. Va.	Ky.	Ohio	Va.	Ill.	Ala.
Beneficiaries [1]	1,000	112	482	470	457	440	419	122	74	51	25	25	23	18
Miners	1,000	44	165	158	149	139	130	38	24	16	7	8	7	6
Widows	1,000	25	139	143	145	146	147	47	22	13	9	7	10	7
Dependents [2]	1,000	43	177	169	164	155	143	38	29	21	8	10	6	6
Payments	Mil. dol	110	948	963	942	965	983	294	168	111	59	55	58	44
Avg. mo. payment: [1]														
Miner's family	Dollars	200	282	294	317	338	369	361	372	380	365	383	364	370
Widow's family	Dollars	150	207	216	231	243	264	261	270	271	264	270	260	265

[1] As of end of year. [2] Dependent wife or child or surviving child, parent, brother, or sister.

Source of tables 555 and 556: U.S. Social Security Administration. Quarterly in *Social Security Bulletin*, periodic issues.

No. 557. Persons With Work Disability, by Selected Characteristics: 1976

[As of **spring.** Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they have a health condition that limits the kind or amount of work they can do. Based on Survey of Income and Education; see Appendix III]

Characteristic	All persons, 18–64 years old [1] (mil.)	Persons with work disability						Persons with no disability (mil.)
		Total		Prevented from working [2]		Able to work but not regularly (mil.)	Able to work regularly [3] (mil.)	
		Number (mil.)	Percent	Number (mil.)	Percent of all persons			
Total, 18 to 64 years old	**124.6**	**16.4**	**13.2**	**7.1**	**5.7**	**2.1**	**7.2**	**107.4**
Male	60.5	8.0	13.2	3.1	5.1	.8	4.0	52.1
Female	64.1	8.5	13.2	4.1	6.3	1.3	3.1	55.2
White	109.5	13.8	12.6	5.8	5.3	1.7	6.3	95.1
Black	13.0	2.5	19.2	1.3	9.7	.4	.8	10.4
Spanish origin [4]	5.8	.7	12.0	.4	6.3	.1	.2	5.1
18–24 years old	27.1	1.5	5.6	.3	1.3	.1	1.0	25.3
25–34 years old	31.4	2.3	7.4	.7	2.3	.3	1.3	29.0
35–44 years old	22.8	2.5	10.8	.9	3.8	.4	1.2	20.2
45–54 years old	23.5	4.4	18.6	2.0	8.5	.6	1.8	19.0
55–64 years old	19.8	5.8	29.2	3.2	16.2	.8	1.8	13.8
Poverty status: [5]								
In poverty	10.8	3.1	28.4	1.8	16.6	.5	.8	7.6
Not in poverty	113.8	13.4	11.7	5.3	4.7	1.6	6.4	99.7

[1] Includes persons not reporting on disability status. [2] Persons prevented from working at any job at all for a long period of time. [3] A person able to work regularly at a permanent steady job. This does not refer to the number of hours the person is able to work. [4] See text, p. 3. [5] For explanation of poverty level, see text, page 442.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 334; and unpublished data.

No. 558. Vocational Rehabilitation—Summary: 1960 to 1979

[**In thousands, except as indicated.** For years ending **June 30** except beginning **1977,** for year ending **Sept. 30.** Vocational rehabilitation of the disabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State agencies with matching State and Federal funds include medical restoration, training, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970,* series H 392–397]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979
Referred and extended evaluation cases processed	[1] 258	[1] 396	765	1,047	1,164	1,088	998	959	913
Percent accepted into program	49	50	54	49	46	42	44	44	45
Federal and State expenditures (mil. dol)	79	154	558	810	867	898	956	986	[2] 1,049
Federal expenditures (mil. dol.)	48	94	432	636	673	700	733	755	800
Percent of total expenditures	61	61	77	79	78	78	77	77	76
Total persons rehabilitated [3]	**88.3**	**134.9**	**267.0**	**361.1**	**324.0**	**303.3**	**291.2**	**294.4**	**288.3**
Rehabilitation rate [4]	75	76	77	73	70	63	64	65	65
Disability:									
Amputation or missing members	8.6	9.0	9.5	8.5	7.7	7.4	7.0	7.3	7.3
Orthopedic impairments	27.0	36.9	45.7	56.6	52.7	51.6	52.7	58.4	60.0
Blindness and other visual	9.4	13.1	22.4	28.3	27.4	27.4	26.2	27.6	25.2
Deafness and other hearing	5.4	8.1	14.3	16.7	15.9	16.0	16.2	16.9	17.5
Mental illness	5.7	18.3	63.3	104.2	92.8	85.8	78.0	78.2	58.1
Mental retardation	2.9	10.2	30.4	41.9	38.3	36.0	34.2	36.2	34.7
Digestive system disorders	(NA)	(NA)	23.0	21.5	21.7	20.9	16.8	16.3	14.6
Genito-urinary system disorders	(NA)	(NA)	7.8	8.2	9.3	9.2	8.8	9.1	8.6
Other disabilities	29.2	39.2	40.2	46.2	44.1	41.3	39.5	41.6	60.2
Type of job placement:									
Professional, technical, managerial [5]	7.5	11.6	24.5	35.4	36.4	36.8	34.4	37.1	36.1
Clerical and sales [5]	15.2	20.9	40.0	50.5	46.3	43.0	41.2	45.4	46.1
Service	17.0	27.9	57.8	68.0	64.6	59.9	54.8	56.5	55.2
Agriculture, fishing, etc	7.0	7.6	9.2	9.8	9.5	9.2	7.9	8.2	7.8
Industrial: Skilled	10.9	15.2	22.1	31.6	28.4	27.1	25.8	28.0	27.9
Semiskilled and unskilled	18.5	26.0	55.9	81.1	66.8	60.6	58.4	62.6	60.7
Homemakers [6]	12.1	21.6	42.5	50.1	53.7	53.3	46.2	43.9	42.6
Persons served, total [7]	**298**	**441**	**876**	**1,202**	**1,244**	**1,238**	**1,205**	**1,168**	**1,128**

NA Not available. [1] Referred cases only. [2] Excludes separate agencies for the blind in Idaho and New Jersey. [3] Persons rehabilitated and gainfully employed. Includes persons not reporting type of disability or job placement. [4] Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). [5] Includes vending stand personnel. [6] Includes unpaid family workers. [7] Includes active cases accepted during year plus active cases on hand at beginning of year.

Source: U.S. Office of Special Education and Rehabilitative Services, *Characteristics of Clients Rehabilitated, Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years,* and *State Vocational Rehabilitation Agency Program Data in Fiscal Years,* all annual.

No. 559. Employee-Benefit Plans—Summary: 1960 to 1976

[Coverage data refer to civilian wage and salary workers at end of year; contributions, to amounts subscribed by employers and employees, in total. An "employee-benefit plan" is any type of plan sponsored or initiated unilaterally or jointly by employers or employees and providing benefits that stem from the employment relationship and that are not underwritten or paid directly by government (Federal, State, or local). In general, the intent is to include plans that provide in an orderly predetermined fashion for (1) income maintenance during periods when regular earnings are cut off because of death, accident, sickness, retirement, or unemployment and (2) benefits to meet medical expenses. Excludes workers' compensation required by statute and employer's liability. See also *Historical Statistics, Colonial Times to 1970*, series H 70–114]

ITEM AND TYPE OF PLAN	Unit	1960	1965	1970	1972	1973	1974	1975	1976
Covered employees:									
Life insurance and death [1]	Million	34.2	41.9	51.8	55.2	57.8	60.6	62.4	64.8
Accidental death/dismemberment	Million	20.9	28.4	38.7	40.7	42.7	44.3	46.5	45.7
Health benefits:									
Hospitalization [2 3]	Million	39.3	45.7	53.1	54.2	56.8	57.6	59.3	59.4
Surgical [2]	Million	37.4	43.4	51.5	52.9	55.4	56.1	57.6	57.4
Regular medical [2]	Million	28.2	38.2	48.0	49.4	53.7	54.9	57.0	57.5
Major medical [4]	Million	8.8	16.6	24.6	26.4	27.6	28.2	29.8	30.4
Coverage, private employees:									
Temporary disability [5]	Million	[6] 24.5	24.5	29.7	31.3	32.0	31.7	31.1	32.1
Long-term disability	Million	([6])	1.9	7.0	9.5	10.6	11.1	11.5	11.5
Retirement [7]	Million	18.7	21.8	26.1	27.5	29.2	29.8	30.3	(NA)
Contributions:									
All employees, total [8]	Bil. dol.	12.5	19.9	34.9	45.4	50.5	57.7	67.3	(NA)
Life insurance and death [1]	Bil. dol.	1.4	2.2	3.6	4.3	4.4	4.7	5.1	5.1
Accidental death/dismemberment	Bil. dol.	.1	.1	.2	.3	.3	.3	.3	.3
Health benefits:									
Hospitalization [3]	Bil. dol.	2.5	4.3	7.6	9.5	10.5	11.4	13.0	16.1
Surgical and regular medical	Bil. dol.	1.3	2.1	4.0	5.2	5.9	7.0	8.2	10.4
Major medical [4]	Bil. dol.	.5	1.1	2.3	3.6	4.1	4.6	5.7	6.8
Private employees:									
Temporary disability [5 6]	Bil. dol.	1.2	1.6	3.1	3.7	3.9	4.4	4.7	5.3
Retirement [7]	Bil. dol.	5.5	8.4	14.0	18.5	21.1	25.0	29.9	(NA)
Benefits paid:									
All employees, total [8]	Bil. dol.	7.8	13.6	26.1	32.9	36.2	42.0	47.9	(NA)
Life insurance and death [1]	Bil. dol.	1.0	1.6	2.5	2.9	3.2	3.4	3.6	3.7
Accidental death/dismemberment	Bil. dol.	(z)	.1	.2	.2	.2	.3	.3	.3
Health benefits:									
Hospitalization [3]	Bil. dol.	2.4	4.2	7.3	8.9	9.6	11.1	13.1	15.9
Surgical and regular medical	Bil. dol.	1.1	1.8	3.6	4.5	5.2	6.3	7.4	9.4
Major medical [4]	Bil. dol.	.4	1.0	2.4	3.2	3.4	4.0	4.5	6.4
Private employees:									
Temporary disability [5 6]	Bil dol.	1.0	1.3	2.5	3.0	3.2	3.7	3.8	4.4
Retirement [7]	Bil dol.	1.7	3.5	7.4	10.0	11.2	12.9	14.8	(NA)
PERCENT OF WORKERS COVERED [9]									
All employees:									
Life insurance and death	Percent	57.8	63.7	69.0	71.1	71.2	73.5	77.0	77.5
Accidental death/dismemberment	Percent	35.3	43.1	51.5	52.4	52.7	53.7	57.4	54.6
Health benefits:									
Hospitalization	Percent	66.5	69.4	70.7	69.8	70.0	69.9	73.2	71.0
Surgical	Percent	63.3	65.9	68.6	68.1	68.3	68.1	71.1	68.7
Regular medical	Percent	47.7	58.0	63.9	63.6	66.2	66.5	70.4	68.8
Major medical	Percent	14.8	25.2	32.7	34.0	34.0	34.2	36.8	36.4
Private employees:									
Temporary disability	Percent	[6] 48.7	44.3	47.9	49.1	47.9	46.8	47.3	47.0
Long-term disability	Percent	([6])	3.4	11.2	14.8	15.8	16.4	17.5	16.8
Retirement	Percent	37.2	39.5	42.1	43.1	43.7	44.0	46.0	(NA)
PERCENT CONTRIBUTIONS OF TOTAL WAGES AND SALARIES [9]									
All employees:									
Life insurance and death	Percent	.54	.64	.68	.71	.65	.63	.65	.59
Accidental death/dismemberment	Percent	.03	.03	.04	.05	.04	.04	.04	.04
Health benefits	Percent	1.63	2.15	2.64	2.98	3.02	3.11	3.45	3.83
Private employees:									
Temporary disability	Percent	.53	.54	.71	.76	.71	.73	.75	.76
Retirement	Percent	2.46	2.86	3.25	3.74	3.82	4.14	4.73	(NA)

NA Not available. Z Less than $50 million. [1] Includes group and wholesale life insurance but excludes Servicemen's Group Life Insurance program. [2] Includes persons covered by group comprehensive major-medical insurance as well as those with basic benefits. [3] Includes private hospital plans written in compliance with State temporary disability insurance law in California. [4] Group supplementary and comprehensive major-medical insurance written by commercial insurance companies. [5] Includes private plans written in compliance with State temporary disability insurance laws in California, Hawaii, New Jersey, and New York; and formal sick-leave plans. Excludes credit accident and health insurance. [6] Long-term disability policies included in temporary disability. [7] Includes pay-as-you-go and deferred profit-sharing plans, plans for non-profit organizations, union pension plans, and railroad plans supplementing the Federal railroad retirement program. Excludes plans for the self-employed and tax-sheltered annuities. Retirement coverage estimates exclude annuitants. [8] Includes data for supplemental unemployment insurance benefits, not shown separately. [9] For all employees, coverage and contributions relate to private and government full-time and part-time civilian employees and payroll; for private employees, to wage and salary full-time and part-time labor force and payroll in private industry.

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1977, and unpublished data.

NO. 560. PROTECTION AGAINST SHORT-TERM SICKNESS INCOME LOSS: 1960 TO 1978

[**In millions of dollars, except percent.** "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970*, series H 115-124]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Short-term sickness: Income loss	8,591	11,333	16,757	21,059	21,804	23,595	26,447	28,223	32,898
Total protection provided[1]	**2,430**	**3,349**	**5,872**	**7,461**	**8,232**	**9,002**	**9,819**	**10,546**	**11,729**
Protection as percent of loss	28.3	29.6	35.0	35.4	37.8	38.2	37.1	37.4	35.7
Benefits provided by protection:									
Individual insurance	393	483	694	795	851	973	881	940	1,210
Group benefits to workers in private employment	1,211	1,602	2,952	3,650	4,144	4,328	4,900	5,282	5,774
Private cash insurance[2]	638	767	1,476	1,736	2,024	2,011	2,267	2,344	2,403
Publicly operated cash sickness funds[3]	172	269	411	446	485	538	581	582	609
Sick leave	400	566	1,066	1,469	1,634	1,779	2,052	2,357	2,761
Sick leave for govt. employees	826	1,264	2,225	2,906	3,107	3,542	3,868	4,134	4,565

[1] Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1973, includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. [2] Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in Calif., N.J., and N.Y. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. [3] Includes State-operated plans in Rhode Island, California, and New Jersey; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

Source: U.S. Social Security Administration, *Social Security Bulletin*, October 1979, and unpublished data.

NO. 561. HOSPITAL AND MEDICAL INSURANCE UNDER THE MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS, 1967 TO 1978, AND BY STATES, 1978

[Enrollment as of **July 1**; payments for **calendar year.** Payments reflect residence of beneficiary. See text, p. 327 for explanation of coverage]

YEAR AND STATE	HOSPITAL		MEDICAL		STATE	HOSPITAL		MEDICAL	
	Enrollment[1] (1,000)	Benefit payments[2] (mil. dol.)	Enrollment[1] (1,000)	Benefit payments[2] (mil. dol.)		Enrollment[1] (1,000)	Benefit payments[2] (mil. dol.)	Enrollment[1] (1,000)	Benefit payments[2] (mil. dol.)
1967	19,494	3,353	17,893	1,197	Mass	746	643	736	219
1970	20,361	5,124	19,584	1,975	Mich	981	819	966	301
1972	21,115	6,319	20,351	2,325	Minn	494	336	488	114
1973	23,301	7,067	22,491	2,526	Miss	305	156	303	62
1974	23,924	9,099	23,167	3,318	Mo	680	468	668	144
1975	24,640	11,315	23,905	4,273	Mont	89	49	87	20
1976	25,313	13,340	24,614	5,080	Nebr	213	128	209	41
1977	26,094	15,737	25,363	6,038	Nev	62	41	61	21
					N.H	106	60	103	24
1978, total[3]	**26,777**	**17,682**	**26,074**	**7,252**	N.J	892	621	884	229
					N. Mex	117	59	114	31
U.S.[3]	**26,229**	**17,622**	**25,854**	**7,214**	N.Y	2,275	1,833	2,248	774
Ala	455	255	453	104	N.C	622	318	615	119
Alaska	11	9	9	4	N. Dak	84	54	82	19
Ariz	291	179	283	92	Ohio	1,236	850	1,211	259
Ark	327	153	323	70					
Calif	2,452	1,917	2,435	1,002	Okla	383	225	377	84
Colo	251	157	245	69	Oreg	312	189	300	71
Conn	371	256	366	103	Pa	1,594	1,059	1,565	426
Del	62	42	60	17	R.I	131	92	129	44
D.C	74	69	72	32	S.C	299	137	295	54
Fla	1,549	997	1,541	567	S. Dak	95	53	93	16
					Tenn	539	281	535	113
Ga	537	274	535	129	Tex	1,356	817	1,347	382
Hawaii	72	44	71	22	Utah	109	52	104	21
Idaho	96	47	94	20	Vt	62	37	61	13
Ill	1,295	1,080	1,276	331	Va	516	289	503	123
Ind	616	381	602	121	Wash	438	236	428	109
Iowa	405	241	399	80	W. Va	264	130	260	42
Kans	315	221	310	77	Wis	589	381	583	128
Ky	437	215	435	71	Wyo	39	20	38	8
La	420	225	396	84					
Maine	151	97	149	32	Puerto Rico	319	54	173	34
Md	391	326	382	117	Other	230	7	47	5

[1] Mailing address of beneficiary. [2] Represents trust fund outlays. Estimates of distribution by State based on interim reimbursements. [3] Includes data for enrollees with residence unknown.

Source: U.S. Health Care Financing Administration, *Health Care Financing Program Statistics*, and unpublished data.

No. 562. Medicare Program Claims and Reimbursements: 1970 to 1978

[Data reflect date claims approved for payment and cover only claims approved and recorded in the Health Care Financing Administration central records before Dec. 29, 1979. See text, p. 327 for explanation of coverage]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED [1]			
		1970	1975	1976	1977	1978	1975	1976	1977	1978
HOSPITAL INSURANCE										
Claims approved	1,000	7,501	9,389	10,084	10,529	10,902	929	1,083	1,209	1,311
Reimbursements [2]	Mil. dol	4,844	9,430	11,489	13,095	14,851	984	1,299	1,604	1,908
Inpatients:										
Claims approved	1,000	6,306	7,844	8,268	8,493	8,733	842	974	1,079	1,166
Admissions	1,000	6,139	7,405	7,796	8,132	8,410	849	970	1,088	1,178
Annual rate [3]	Rate	304	332	343	350	354	393	407	417	423
Covered days of care	Millions	80	84	88	88	89	9	10	11	12
Annual rate [3]	Rate	3,943	3,786	3,873	3,798	3,759	4,136	4,247	4,202	4,183
Per admission	Days	13.0	11.4	11.3	10.9	10.6	10.5	10.4	10.1	9.9
Hospital charges	Mil. dol	5,931	12,021	14,755	17,128	19,766	1,320	1,757	2,195	2,649
Per day	Dollars	74	142	168	194	221	148	174	200	228
Reimbursements [2]	Mil. dol	4,569	9,041	11,013	12,559	14,272	965	1,274	1,573	1,873
Percent of charges	Percent	77.0	75.2	74.6	73.3	72.2	73.1	72.5	71.7	70.7
Per claim	Dollars	725	1,153	1,332	1,479	1,634	1,146	1,308	1,458	1,606
Home health:										
Claims approved	1,000	571	1,009	1,237	1,472	1,655	70	91	111	127
Reimbursements [2]	Mil. dol	47	136	185	235	284	10	14	19	23
Per claim	Dollars	82	135	150	160	172	142	160	168	182
Skilled nursing facility:										
Claims approved	1,000	624	536	578	565	514	17	19	19	18
Reimbursements [2]	Mil. dol	229	253	290	301	295	9	11	12	12
Per claim	Dollars	366	472	502	533	574	556	571	622	673
MEDICAL INSURANCE										
Total bills	1,000	[4] 39,695	73,235	82,654	94,790	106,346	6,658	8,570	10,786	12,829
Physicians:										
Bills approved	1,000	32,850	57,209	64,268	73,573	82,132	4,597	5,868	7,427	8,908
Total charges	Mil. dol	2,157	3,907	4,471	5,349	6,156	344	440	572	698
Per bill	Dollars	66	68	70	73	75	75	75	77	78
Percent reimbursed	Percent	72.9	74.1	75.5	76.2	76.8	75.6	76.9	77.4	77.7
Surgical	Percent	75.5	75.8	77.2	77.6	78.0	76.5	77.8	78.2	78.4
Medical	Percent	71.5	72.8	74.4	75.3	76.0	75.0	76.4	77.0	77.3
Outpatient hospital:										
Bills approved	1,000	4,031	8,985	10,446	11,684	13,038	1,344	1,753	2,108	2,436
Reimbursements [2]	Mil. dol	85	315	420	526	645	143	196	235	272
Per bill	Dollars	21	35	40	45	49	106	112	111	112
Home health:										
Bills approved	1,000	430	544	645	739	805	44	55	64	72
Reimbursements [2]	Mil. dol	23	55	74	90	105	5	7	9	10
Per bill	Dollars	53	101	114	122	131	116	129	137	145
Other:										
Bills approved	1,000	2,380	6,498	7,296	8,795	10,372	673	895	1,188	1,414
Reimbursements [2]	Mil. dol	70	212	258	345	445	100	144	202	260
Per bill	Dollars	30	33	35	39	43	148	161	170	184

[1] Coverage not limited with respect to age. [2] Amounts paid to providers for covered services; excludes deductibles, coinsurance amounts, and noncovered services as specified by law. [3] Per 1,000 enrollees; enrollment as of July 1. [4] Data reflect date paid claims were recorded in Health Care Financing Administration records.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly and unpublished data. Also in U.S. Social Security Administration, *Social Security Bulletin*, monthly.

No. 563. Medical Assistance (Medicaid)—Unduplicated Recipients and Payments: 1972 to 1979

[For years ending **June 30** except, beginning **1977**, ending **September 30**]

BASIS OF ELIGIBILITY	RECIPIENTS (1,000)					PAYMENTS (mil. dol.)					
	1972	1975	1976	1977	1978	1972	1975	1976	1977 [1]	1978 [1]	1979 [1]
Total	18,312	22,413	24,666	23,833	22,946	6,299	12,292	14,135	15,847	17,805	16,879
Age 65 and over	3,417	3,699	3,808	3,619	3,786	1,925	4,649	5,192	5,758	6,727	6,264
Blindness	109	107	98	95	79	45	83	86	96	114	102
Disabled [2]	1,673	2,308	2,664	2,731	2,900	1,354	2,874	3,550	4,266	5,010	5,141
AFDC [3] program	11,373	14,438	15,882	15,099	14,066	2,101	4,063	4,598	4,789	4,914	4,622
Children	8,177	9,776	10,644	10,071	9,129	1,139	2,050	2,353	2,393	2,422	
Adults	3,196	4,662	5,238	5,028	4,937	962	2,013	2,245	2,396	2,492	4,622
Other	1,740	1,861	2,214	2,289	2,115	875	623	710	939	1,040	749

[1] Preliminary. [2] Permanently and totally. [3] Aid to families with dependent children.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly.

NO. 564. RECIPIENTS OF MEDICAID AND PAYMENTS TO MEDICAL VENDORS, BY BASIS OF ELIGIBILITY, 1970 TO 1979, AND BY STATES AND OTHER AREAS, 1979

[Annual averages of monthly figures for fiscal years ending **June 30** through **1976** and **Sept. 30** beginning 1977; except as noted. Medical vendor payments are made directly to suppliers of medical care. Arizona has no Title XIX Medicaid program. See text, p. 327 for explanation of coverage]

STATE AND YEAR	RECIPIENTS (1,000)			PAYMENTS (mil. dol.)			STATE	RECIPIENTS (1,000)			PAYMENTS (mil. dol.)		
	Total	Age 65 and over	AFDC [1] program	Total	Age 65 and over	AFDC [1] program		Total	Age 65 and over	AFDC [1] program	Total	Age 65 and over	AFDC [1] program
1970	5,376	1,554	2,824	422	159	140	Minn	110	32	55	34.0	19.1	4.8
1974	8,070	1,969	4,369	913	344	298	Miss	145	57	66	18.1	9.0	4.8
							Mo	138	44	62	21.1	8.3	5.7
1975	8,446	1,987	4,686	1,024	385	330	Mont	18	5	9	5.3	2.3	1.1
1976	9,133	2,080	5,075	1,184	433	370	Nebr	34	11	16	6.7	3.5	1.5
1977	9,037	2,042	4,994	1,357	493	410	Nev	10	3	4	3.2	1.2	.7
1978	8,962	2,113	4,830	1,499	566	425	N.H	21	7	11	5.6	3.3	1.0
							N.J	315	43	225	61.8	23.5	20.4
1979, June	**7,969**	**1,946**	**4,068**	**1,638**	**638**	**408**	N. Mex	35	7	18	5.9	1.5	1.9
Ala	158	66	56	21.3	10.1	5.5	N.Y	1,062	203	547	308.9	141.1	54.6
Alaska	3	1	2	2.1	.6	.4	N.C	175	55	80	33.6	13.0	8.7
Ark	110	45	35	18.3	7.3	3.6	N.D	14	5	7	3.8	2.1	1.0
Calif	1,298	311	643	201.2	55.8	69.0	Ohio	336	62	221	62.3	30.5	20.9
Colo	47	16	21	12.6	4.3	2.0							
							Okla	60	28	17	19.0	8.7	1.8
Conn	99	25	56	20.2	10.3	3.8	Oreg	73	13	47	13.5	4.4	4.2
Del	19	2	13	3.6	1.1	1.4	Pa	325	52	154	90.2	23.7	23.3
D.C	56	6	41	11.2	1.6	5.5	R.I	53	16	27	18.0	7.7	3.5
Fla	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	S.C	124	40	50	19.7	8.6	4.1
Ga	171	62	58	29.5	12.2	5.3							
							S. Dak	15	6	6	4.1	2.1	.6
Hawaii	49	7	34	8.4	2.8	3.5	Tenn	175	61	61	42.6	19.6	6.5
Idaho	16	4	8	3.8	1.5	.9	Tex	331	170	96	78.3	41.0	11.9
Ill	443	54	302	72.0	17.6	24.2	Utah	26	5	16	7.6	2.3	2.6
Ind	94	22	53	25.6	11.5	5.1	Vt	22	6	11	5.1	2.3	1.0
Iowa	77	22	42	16.5	7.5	3.7							
Kans	75	21	35	15.2	4.8	3.7	Va	145	40	76	27.0	10.7	7.8
							Wash	122	29	64	32.5	10.0	7.4
Ky	154	39	77	21.5	7.6	5.8	W. Va	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
La	158	66	54	27.0	12.1	4.5	Wis	191	51	104	51.5	21.0	13.2
Maine	81	21	47	11.2	4.9	4.0	Wyo	3	1	2	.9	.5	.2
Md	120	24	78	21.4	8.4	8.4							
Mass	29	15	4	24.4	13.1	.2	P.R	243	-	106	7.9	-	3.4
Mich	387	64	249	82.8	22.5	29.4	V.I	3	(z)	1	.3	(z)	.1

- Represents zero. NA Not available. Z Less than 500 or $50,000. [1] Aid to families with dependent children.

Source: U.S. Health Care Financing Administration, *National Monthly Medicaid Statistics* and *Preliminary National Annual Medicaid Statistics.*

NO. 565. MEDICAL VENDOR PAYMENTS (MEDICAID)—BY TYPE OF SERVICE: 1970 TO 1978

[**In millions of dollars. 1970** data are for **calendar year; 1971–1976,** years ending **June 30;** beginning **1977,** for years ending **Sept. 30.** Medical vendor payments are those made directly to suppliers of medical care. Excludes Arizona, which has no Title XIX (Medicaid) program. Total payments may not agree with total in table 563 due to incomplete State reporting]

YEAR	Total	Inpatient hospital	Skilled nursing facility	Intermediate care facility	Physicians	Dental [1]	Outpatient hospital [2]	Laboratory [3]	Home health	Prescribed drugs	Family planning	Other care
1970	4,806	1,846	1,362	-	617	200	240	32	17	403	-	89
1971	5,938	2,288	1,674	-	717	181	311	25	-	473	-	269
1972	6,299	2,669	1,471	-	794	230	406	81	24	512	-	112
1973	8,640	3,009	1,959	1,060	926	288	506	105	25	609	-	154
1974	9,982	3,293	2,002	1,585	1,083	366	606	96	31	713	-	208
1975	12,292	3,811	2,446	2,215	1,248	478	766	123	70	832	67	236
1976	14,135	4,466	2,488	2,791	1,389	532	898	147	134	957	87	247
1977	16,267	5,182	2,678	3,518	1,525	588	1,057	177	180	1,027	118	217
1978, prel	18,133	5,581	3,203	4,380	1,595	528	1,044	172	211	1,088	113	217

- Represents zero. [1] Includes other practitioners' services except for 1971. [2] Includes clinic services except for 1971. [3] Includes radiological services.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* quarterly.

No. 566. State Unemployment Insurance—Summary,

[Beginning 1965, *includes Puerto Rico*; beginning 1978, includes Virgin Islands. *Includes unemployment compensation for employees and for ex-servicemen, except as noted.* See also tables 567

Year and State or other area	Statutory coverage *provisions* [1] (effective July 1979)	Covered employment [2]			Average weekly—				Weeks compensated for all unemployment (1,000)
		Average *monthly* number of workers [3] (1,000)	*Wages* (mil. dol.)		Insured unemployment		Unemployment benefits		
			Total	Taxable [4]	Number (1,000)	Percent [5]	*Current* dollars	Percent of weekly wage	
1960	(x)	40,523	196,634	119,289	1,906	4.8	32.87	35.2	85,630
1965	(x)	45,495	260,210	143,977	1,328	3.0	37.18	33.8	56,813
1970	(x)	52,814	387,980	182,320	1,805	3.4	50.34	35.6	76,858
1973	(x)	64,645	548,971	253,746	1,632	2.7	59.00	36.1	71,223
1974	(x)	66,696	609,894	265,375	2,262	3.5	64.25	36.5	97,803
1975	(x)	65,411	642,711	265,229	3,986	6.0	70.23	37.2	175,305
1976	(x)	67,890	716,066	303,222	2,991	4.6	75.16	37.1	127,425
1977	(x)	70,830	794,567	323,821	2,655	3.9	78.79	36.5	113,244
1978	(x)	83,173	992,196	412,530	2,359	3.3	83.67	37.0	100,964
1979	**(x)**	**[11] 83,173**	**[11] 992,196**	**[11] 412,530**	**2,433**	**2.9**	**89.67**	**36.1**	**105,101**
Ala	20 weeks	1,237	13,057	6,270	42	3.4	73.38	33.5	1,886
Alaska	At any time	[12] 142	[12] 2,916	[12] 1,258	11	8.1	82.52	20.8	654
Ariz	20 weeks	871	9,750	4,091	14	1.6	76.44	32.4	461
Ark	10 days	700	6,720	3,409	25	3.5	77.53	38.2	981
Calif	Over $100 in any qtr	9,037	114,900	45,264	292	3.2	77.82	29.7	13,288
Colo	13 weeks	1,070	12,454	5,266	16	1.5	102.65	42.3	544
Conn	13 weeks	[12] 1,315	[12] 16,042	[12] 6,318	31	2.4	94.50	36.5	1,395
Del	20 weeks	238	3,080	1,105	6	2.6	100.25	38.4	330
D.C	At any time	366	4,993	1,665	10	2.6	114.49	41.1	499
Fla	20 weeks	3,122	32,396	14,920	56	1.8	66.53	30.2	1,849
Ga	20 weeks	[13] 1,879	[13] 19,402	[12] 9,740	38	2.0	76.28	34.7	1,759
Hawaii	At any time [14]	[12] 354	[12] 3,996	[12] 2,189	10	2.8	95.38	42.3	389
Idaho	20 wks. or $300 in qtr	304	3,184	1,623	11	3.6	90.07	41.6	419
Ill	20 weeks	[12] 4,623	[12] 61,627	[12] 29,876	141	3.1	106.12	38.0	6,632
Ind	20 weeks	[12] 2,055	[12] 25,581	[12] 10,576	45	2.2	79.41	31.1	1,947
Iowa	20 weeks	1,056	11,588	4,991	22	2.0	110.71	46.9	1,032
Kans	20 weeks	849	9,087	3,921	14	1.6	94.91	41.9	652
Ky	20 weeks	[12] 999	[12] 11,094	[12] 5,360	38	3.8	92.31	39.2	1,682
La	20 weeks	1,404	16,211	7,088	32	2.3	98.64	40.4	1,502
Maine	20 weeks	382	3,659	1,539	14	3.8	77.98	39.5	668
Md	At any time	[15] 1,438	[15] 16,825	[15] 7,436	34	2.4	84.84	36.8	1,476
Mass	13 weeks	[12] 2,414	[12] 27,421	[12] 11,155	75	3.1	89.47	37.6	3,279
Mich	20 wks. or $1,000 a yr	3,405	49,593	17,125	163	4.8	99.03	32.2	6,365
Minn	20 weeks	1,598	18,747	8,398	32	2.0	105.38	43.4	1,454
Miss	20 weeks	759	7,079	3,572	19	2.5	63.81	32.8	776
Mo	20 weeks	1,835	21,060	8,709	52	2.8	77.82	32.9	2,042
Mont	Over $500 in year	249	2,563	1,068	9	3.6	88.29	41.9	368
Nebr	20 weeks	570	5,800	2,422	7	1.3	83.93	39.3	302
Nev	$225 in quarter	338	4,026	2,101	8	2.3	90.87	36.9	376
N.H	20 weeks	[12] 314	[12] 3,195	[12] 1,596	4	1.4	78.76	36.9	215
N.J	$1,000 in any year	2,828	36,067	14,280	126	4.5	93.39	35.4	6,448
N. Mex	20 wks. or $450 in qtr	396	4,139	1,802	8	2.1	75.49	34.4	316
N.Y	$300 in quarter	6,758	89,900	31,686	251	3.7	89.19	33.2	11,475
N.C	20 weeks	[13] 2,166	[13] 21,362	[13] 9,367	38	1.8	76.45	36.8	1,590
N. Dak	20 weeks	206	2,081	872	5	2.7	94.65	45.2	255
Ohio	20 weeks	4,125	53,058	20,364	117	2.8	114.59	42.1	4,635
Okla	20 weeks	957	10,538	4,596	14	1.4	88.30	38.0	517
Oreg	18 wks. or $225 in qtr	950	11,419	5,543	34	3.6	88.05	35.0	1,338
Pa	At any time	4,441	53,614	21,358	184	4.2	102.78	41.2	8,784
R.I	At any time	384	3,963	1,716	19	4.9	83.62	33.4	875
S.C	20 weeks	1,072	10,531	5,093	23	2.2	74.85	38.5	952
S. Dak	20 weeks	212	1,937	866	3	1.6	85.63	44.0	134
Tenn	20 weeks	1,631	16,973	7,997	51	3.1	70.45	32.5	2,117
Tex	20 weeks	5,026	59,066	26,183	61	1.2	75.23	30.4	2,378
Utah	$140 in quarter	458	5,009	2,727	10	2.3	95.26	42.3	456
Vt	20 weeks	180	1,787	804	6	3.5	82.30	40.0	276
Va	20 weeks	1,809	19,272	8,774	27	1.5	87.32	39.7	1,224
Wash	At any time	[12] 1,409	[12] 18,013	[12] 8,631	42	3.0	98.05	35.7	1,753
W. Va	20 weeks	[12] 574	[12] 7,139	[12] 3,036	25	4.4	92.08	35.1	1,125
Wis	20 weeks	1,807	21,083	8,261	54	3.0	103.39	42.6	2,280
Wyo	$500 in year	172	2,109	918	2	.9	95.30	36.3	71
P.R	At any time	656	4,692	3,319	61	8.7	50.06	33.4	1,827
V.I	At any time	34	408	98	1	2.7	66.06	34.6	51

X Not applicable. [1] Employer subject to State unemployment insurance law when he has employed at least one worker on at least 1 day in each of specified number of weeks within current or preceding calendar year and/or specified wages as indicated. [2] Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. [3] For pay period including the 12th of the month. [4] Wages subject to unemployment insurance tax. Includes State and local government coverage as well as private industry coverage; see text, p. 328. [5] Insured unemployment as percent of average covered employment in preceding year. [6] Weeks compensated divided by first payment. [7] Based on first payments for 12-month period ending June 30.

1960 TO 1979, AND STATES AND OTHER AREAS, 1979

State and local government employees where covered by State law; excludes unemployment compensation for Federal and 683 of this *Abstract* and *Historical Statistics, Colonial Times to 1970,* series H 305-317]

Beneficiaries, first payments (1,000)	Average duration of benefits [6] (weeks)	CLAIMANTS EXHAUSTING BENEFITS		Contributions collected [8] (mil. dol.)	Benefits paid [9] (mil. dol.)	Funds available for benefits, end of year [10] (mil. dol.)	Average employer contribution rate (percent)	Ratio of benefits to contributions (percent)	YEAR AND STATE OR OTHER AREA
		Number (1,000)	As percent of first payment [7]						
6,753	12.7	1,603	26.1	2,289	2,727	6,643	1.9	119.1	1960.
4,813	12.2	1,086	21.5	3,053	2,166	8,357	2.1	70.9	1965.
6,402	12.3	1,295	24.4	2,507	3,848	11,896	1.3	153.5	1970.
5,329	13.4	1,495	27.7	5,000	4,008	10,934	2.0	80.2	1973.
7,730	12.7	1,926	31.0	5,228	5,975	10,599	2.0	114.3	1974.
11,160	15.7	4,195	37.8	5,227	11,755	4,523	1.9	224.9	1975.
8,560	14.9	3,270	37.8	7,532	8,975	3,343	2.6	119.2	1976.
7,985	14.2	2,850	33.2	9,170	8,357	4,387	2.8	91.1	1977.
7,565	13.3	2,039	26.7	11,208	7,717	9,307	2.8	68.8	1978.
8,074	**13.1**	**2,037**	**26.8**	**12,098**	**8,613**	**12,470**	**2.7**	**71.2**	**1979**
175	10.8	41	25.8	176	125	118	2.6	71.2	Ala.
39	16.8	11	29.6	59	51	66	4.8	86.4	Alaska.
43	10.8	8	22.1	107	31	226	2.2	29.3	Ariz.
85	11.5	19	22.6	74	67	24	2.1	91.0	Ark.
977	13.6	279	26.0	1,688	862	2,738	3.4	51.1	Calif.
52	10.5	14	27.8	81	53	137	1.3	64.8	Colo.
125	11.1	18	15.3	181	115	104	2.6	63.4	Conn.
27	12.3	5	20.6	32	31	17	2.8	94.7	Del.
25	19.7	10	38.3	58	47	27	3.3	80.7	D.C.
153	12.1	57	38.3	335	113	665	2.0	33.7	Fla.
191	9.2	48	26.5	193	122	447	1.9	63.3	Ga.
29	13.3	7	22.7	69	31	79	2.8	44.6	Hawaii.
39	10.8	8	22.8	43	34	93	2.1	79.1	Idaho.
412	16.1	130	35.1	797	666	487	3.3	83.6	Ill.
204	9.6	42	28.1	177	143	420	1.6	80.7	Ind.
81	12.7	11	13.6	156	106	155	2.8	67.9	Iowa.
58	11.2	11	21.9	80	58	238	1.8	72.4	Kans.
135	12.4	32	25.9	127	145	159	2.2	114.0	Ky.
108	13.9	29	28.8	250	140	238	3.3	56.1	La.
65	10.3	16	24.7	57	43	36	3.1	76.8	Maine.
125	11.8	22	19.0	255	116	273	3.8	45.5	Md.
217	15.1	59	26.4	430	253	364	3.5	58.9	Mass.
558	11.4	137	31.4	724	596	112	4.1	82.2	Mich.
111	13.1	31	29.0	210	134	70	2.3	63.9	Minn.
68	11.5	14	23.3	81	45	231	2.1	55.5	Miss.
190	10.8	47	27.3	214	148	296	2.3	69.3	Mo.
28	13.0	10	35.3	41	30	23	2.9	72.6	Mont.
28	10.6	8	28.2	33	24	81	1.3	71.2	Nebr.
32	11.7	7	23.2	72	34	95	3.0	47.1	Nev.
30	7.1	1	4.6	32	16	82	1.8	49.8	N.H.
401	16.1	145	39.5	643	587	145	3.7	91.3	N.J.
21	14.7	5	21.8	42	22	80	2.1	53.1	N. Mex.
599	19.2	183	29.8	1,256	898	403	3.6	71.5	N.Y.
190	8.4	24	13.8	239	112	564	2.1	46.7	N.C.
18	14.2	5	24.1	26	22	21	2.5	83.8	N. Dak.
391	11.8	64	21.7	522	494	513	2.4	94.8	Ohio.
46	11.4	12	29.5	87	42	177	1.6	47.9	Okla.
107	12.5	19	18.4	212	103	320	3.4	48.8	Oreg.
649	13.5	103	16.7	724	806	131	3.4	111.3	Pa.
63	13.8	22	38.0	57	63	6	2.9	110.2	R.I.
85	11.2	20	25.5	113	66	195	2.1	58.0	S.C.
12	10.9	2	16.0	12	10	16	1.3	86.6	S. Dak.
186	11.4	44	27.6	152	140	274	1.8	92.0	Tenn.
196	12.1	70	38.4	187	163	397	.6	87.2	Tex.
37	12.5	8	22.1	53	38	67	1.7	72.2	Utah.
21	13.4	3	16.5	29	19	20	3.3	67.1	Vt.
107	11.5	26	25.1	96	92	103	1.1	96.8	Va.
141	12.4	25	19.2	333	154	302	3.3	46.3	Wash.
109	10.3	16	15.8	81	102	39	2.6	126.6	W. Va.
198	11.5	38	20.5	283	217	465	3.2	76.8	Wis.
7	9.7	1	17.1	15	8	69	1.3	54.7	Wyo.
75	24.3	66	63.3	101	72	56	3.0	71.7	P.R.
3	15.6	1	29.9	5	3	4	3.7	52.6	V.I.

[8] Contributions from employers; also employees in States which tax workers. [9] Through 1970, includes payments under State (not Federal) temporary extended unemployment insurance provisions. [10] Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. [11] 1978 data; latest available by States. [12] For one quarter. [13] For two quarters. [14] Also covers employers of 20 or more agricultural workers in 20 weeks. [15] For three quarters.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics,* monthly, and *Annual Report of the Secretary of Labor.*

No. 567. Unemployment Insurance—All Programs and Federal Programs, Summary, 1960 to 1979, and by States and Other Areas, 1979

Year and state or other area	All regular programs [1]				UCFE (Federal employee) program				UCX program [5]	
	Initial claims (1,000)	Weeks compensated (1,000)	Average weekly beneficiaries (1,000)	Benefits paid [2] (mil. dol.)	Covered employment [3] Average monthly (1,000)	Covered employment [3] Annual wages (mil. dol.)	Beneficiaries, first payments [4] (1,000)	Benefits paid [2] (mil. dol.)	Beneficiaries, first payments [4] (1,000)	Benefits paid [2] (mil. dol.)
1960	17,718	89,941	1,723	2,867	2,188	13,074	94.0	55.7	207.0	84.3
1965	12,441	61,804	1,189	2,283	2,609	17,877	72.9	50.0	153.4	67.5
1970	16,100	84,319	1,621	4,171	2,881	28,141	94.2	79.7	352.1	203.2
1973	13,362	76,229	1,466	4,487	2,832	33,878	105.6	128.3	230.3	209.4
1974	19,436	103,178	1,984	6,912	2,893	36,872	105.5	148.7	248.5	249.2
1975	25,479	182,835	3,516	19,628	2,900	39,968	120.4	277.3	303.5	528.5
1976	20,705	135,000	2,596	16,157	2,895	42,852	144.5	305.4	281.6	593.0
1977	20,070	119,526	2,299	13,023	2,878	45,746	125.0	275.4	234.1	470.7
1978	18,481	105,326	2,025	9,007	2,923	50,091	96.4	175.5	175.2	277.7
1979, total [6]	**20,613**	**110,190**	**2,119**	**[7] 9,401**	**[8 9] 2,923**	**[8 10] 50,091**	**79.4**	**163.6**	**181.4**	**287.5**
Ala	420	1,960	38	133	64	1,111	1.6	2.9	3.1	4.6
Alaska	68	702	14	65	[11] 16	[11] 348	1.8	4.2	.9	2.1
Ariz	130	499	10	35	37	589	1.7	2.0	1.6	1.7
Ark	223	1,019	20	71	20	306	.7	1.1	2.0	2.9
Calif	2,540	13,763	265	918	321	5,429	9.3	23.4	21.9	31.3
Colo	149	586	11	58	50	792	1.0	1.5	2.4	3.6
Conn	285	1,439	28	122	[11] 21	[11] 384	.4	1.4	2.5	6.1
Del	59	347	7	32	6	89	2	.4	.8	1.3
D.C	44	598	11	61	230	4,640	3.9	12.6	.9	2.1
Fla	375	1,962	38	123	86	1,473	1.3	2.0	6.9	8.3
Ga	496	1,879	36	134	[12] 83	[12] 1,357	2.3	3.4	5.4	8.1
Hawaii	77	428	8	35	[11] 30	[11] 540	.8	1.8	1.7	2.8
Idaho	103	451	9	39	13	187	1.2	1.9	1.5	2.1
Ill	829	6,775	130	681	[11] 104	[11] 1,739	2.5	6.4	5.9	9.2
Ind	538	1,990	38	147	[11] 42	[11] 739	.5	.8	3.1	3.4
Iowa	171	1,072	21	112	20	318	.3	.7	2.6	4.7
Kans	107	690	13	62	26	406	.7	1.3	2.2	3.1
Ky	351	1,765	34	154	[11] 39	[11] 606	2.3	4.2	2.7	5.1
La	240	1,592	31	152	34	558	.9	3.1	4.5	8.5
Maine	167	691	13	50	10	152	.3	.5	1.4	1.8
Md	283	1,546	30	123	[13] 131	[13] 2,109	2.0	2.6	2.7	4.2
Mass	529	3,385	65	264	[11] 57	[11] 1,012	2.3	4.3	3.8	6.5
Mich	1,508	6,542	126	662	54	957	2.5	4.1	8.3	15.2
Minn	209	1,505	29	140	31	527	.7	1.6	2.9	4.2
Miss	175	802	15	47	28	434	.9	1.3	1.0	1.0
Mo	563	2,118	41	155	68	1,100	1.9	2.2	3.6	4.3
Mont	66	393	8	33	14	204	1.1	1.8	.8	1.1
Nebr	57	314	6	25	17	254	.5	.7	.3	.2
Nev	74	391	8	35	10	163	.5	.5	.7	.9
N.H	58	222	4	17	[11] 15	[11] 252	.1	.2	.8	.7
N.J	856	6,631	128	743	72	1,327	1.6	8.4	4.3	14.2
N. Mex	68	345	7	25	27	456	.9	1.3	1.2	1.5
N.Y	1,757	11,729	226	925	162	2,865	3.5	9.6	9.8	17.4
N.C	586	1,645	32	118	[12] 48	[12] 722	.8	1.3	3.4	4.6
N. Dak	39	265	5	23	10	140	.3	.6	.5	.7
Ohio	1,054	4,856	93	518	91	1,695	2.0	2.7	12.9	20.5
Okla	126	550	11	45	49	797	.8	.8	2.1	2.2
Oreg	322	1,394	27	110	29	480	1.7	2.7	2.5	4.2
Pa	1,682	9,043	174	863	130	2,184	4.2	10.1	9.7	19.0
R.I	168	898	17	81	9	169	.7	2.1	.9	1.9
S.C	235	1,005	19	71	36	545	.4	.9	3.2	4.9
S. Dak	28	141	3	11	11	166	.2	.4	.4	.4
Tenn	589	2,250	43	155	69	1,258	3.5	7.3	4.5	7.5
Tex	463	2,585	50	183	162	2,702	5.2	6.9	10.2	12.8
Utah	78	494	9	42	37	560	1.9	3.2	.7	.8
Vt	48	283	5	20	4	70	.1	.2	.4	.5
Va	287	1,303	25	101	153	2,735	1.4	3.0	3.8	6.0
Wash	398	1,847	36	165	[11] 64	[11] 1,099	1.9	4.0	5.3	7.2
W. Va	172	1,150	22	105	[11] 15	[11] 246	.4	.6	1.5	2.2
Wis	429	2,364	45	225	27	431	.9	2.0	3.8	5.7
Wyo	15	78	1	9	7	113	.5	.4	.2	.1
P.R	313	1,860	36	94	10	160	.4	.5	1.3	2.0
V.I	5	53	1	3	1	11	(Z)	(Z)	(Z)	.1

Z Less than 50 or $50,000. [1] Includes State programs shown in table 566 and UCFE and UCX programs. Represents unduplicated counts. 1960 includes temporary unemployment programs and UCV (Korea Veterans) program which terminated Jan. 31, 1960. [2] Includes extended benefits payments made under regular State and Federal unemployment insurance programs, the temporary "Federal Supplemental Benefits Program," and the "Special Unemployment Assistance Program." [3] Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. [4] Excludes first payments filed jointly with State unemployment insurance programs. [5] Unemployment compensation for ex-servicemen. [6] Preliminary except for UCFE employment. [7] Includes railroad benefits not distributed by State. [8] 1978 data; latest available by States. [9] Data for States exclude FBI employment. [10] Includes wages not distributed by States. [11] Data for one quarter. [12] Data for two quarters. [13] Data for three quarters.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, monthly.

NO. 568. WORKERS' COMPENSATION PAYMENTS: 1960 TO 1978

[In millions of dollars, except as indicated. See headnote, table 569. See also *Historical Statistics, Colonial Times to 1970,* series H 332-345]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Workers covered [1] (mil.)	45	51	59	62	66	68	67	70	72	76
Annual benefits paid	**1,295**	**1,814**	**3,031**	**4,061**	**5,103**	**5,781**	**6,598**	**7,597**	**8,623**	**9,729**
By private carriers [2]	810	1,124	1,843	2,179	2,514	2,971	3,422	3,976	4,629	5,256
From State funds [3]	325	445	755	1,379	1,998	2,086	2,324	2,589	2,743	3,056
Employers' self-insurance [4]	160	244	432	504	592	724	852	1,031	1,252	1,417
Type of benefit:										
Medical/hospitalization	435	600	1,050	1,250	1,480	1,760	2,030	2,380	2,680	2,960
Compensation payments	860	1,214	1,981	2,811	3,623	4,021	4,568	5,217	5,943	6,769
Disability	755	1,074	1,751	2,351	2,953	3,351	3,843	4,402	5,068	5,809
Survivor	105	140	230	460	670	670	725	815	875	960
Percent of covered payroll:										
Workers' compensation costs [5]	.93	1.00	1.11	1.14	1.17	1.24	1.32	1.48	1.73	1.85
Benefits [6]	.59	.61	.66	.68	.70	.75	.83	.88	.93	.94

[1] Estimated per month. [2] Net cash and medical benefits paid under standard workers' compensation policies. [3] Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program beginning 1970. [4] Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. [5] Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5-10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. [6] Excludes programs financed from general revenue—black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 569. WORKERS' COMPENSATION PAYMENTS, BY STATES: 1970 TO 1978

[In millions of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines),* from reports of State Insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator,* from *Argus Casualty and Surety Chart,* and from State reports), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1970	1975	1976	1977	1978	STATE	1970	1975	1976	1977	1978
Total	**3,030.6**	**6,597.7**	**7,596.6**	**8,622.9**	**9,728.5**	Nev	11.4	24.8	31.6	37.7	50.4
						N.H	7.0	17.4	20.9	26.3	30.9
Ala	25.2	48.7	58.8	73.0	84.6	N.J	135.0	194.8	216.2	245.3	268.4
Alaska	6.9	18.5	34.3	51.6	56.9	N. Mex	11.1	21.1	24.6	29.5	36.6
Ariz	39.3	68.0	73.1	79.6	81.5	N.Y	273.9	406.7	452.6	475.7	496.6
Ark	20.9	37.9	42.5	48.4	56.3	N.C	29.6	50.8	62.0	77.3	93.7
Calif	420.7	791.6	954.8	1,128.3	1,246.8	N. Dak	4.8	7.6	9.5	11.6	12.9
Colo	23.8	44.2	51.7	60.8	73.8	Ohio	197.0	444.7	472.6	477.5	531.5
Conn	39.5	64.0	68.2	78.4	89.0	Okla	29.1	59.7	66.7	76.7	82.9
Del	5.2	9.8	11.2	13.4	16.4						
						Oreg	50.6	137.4	164.8	195.4	230.1
D.C	8.5	26.7	36.8	45.1	51.1	Pa	123.5	205.4	278.2	342.0	403.1
Fla	94.9	264.1	278.3	301.4	307.9	R.I	11.1	18.6	23.1	27.8	34.2
Ga	34.8	77.5	93.7	109.4	129.9	S.C	17.6	32.5	37.7	46.1	54.1
Hawaii	13.7	27.1	29.0	34.4	40.2	S. Dak	3.0	5.5	6.4	7.2	9.1
Idaho	7.3	20.8	23.5	26.8	29.9	Tenn	35.3	61.6	73.5	83.9	95.9
Ill	144.1	238.7	305.6	395.0	490.0	Tex	159.1	360.3	400.1	449.5	506.3
Ind	43.9	59.7	65.1	76.1	89.7						
Iowa	18.6	37.4	46.2	57.0	71.5	Utah	7.2	16.3	19.7	23.8	28.4
Kans	18.2	33.7	40.7	47.2	56.2	Vt	3.8	6.4	6.8	8.9	10.4
Ky	26.1	60.5	75.6	93.4	102.6	Va	30.2	65.9	80.4	100.3	119.6
						Wash	62.8	157.4	180.3	198.6	224.8
La	63.9	114.6	138.0	160.9	198.8	W. Va	25.5	75.9	87.6	109.0	125.0
Maine	7.9	19.7	25.1	33.3	44.5	Wis	44.1	70.0	82.5	111.7	123.3
Md	38.8	73.4	88.8	109.3	130.3	Wyo	2.2	4.3	4.5	8.3	9.6
Mass	90.4	146.0	153.7	176.2	191.5						
Mich	197.9	333.7	390.7	436.5	497.0	Federal programs:					
Minn	46.5	86.0	108.0	135.2	173.5	Civilian employees	119.5	358.8	466.0	543.4	617.7
Miss	16.2	27.3	30.1	36.2	42.1	Black lung benefits [1]	110.0	957.2	980.8	967.8	1,022.6
Mo	41.3	63.6	71.8	78.8	92.2	Other [2]	12.0	8.7	11.2	8.7	8.7
Mont	9.6	16.8	19.4	23.8	29.4						
Nebr	9.9	17.9	21.6	23.3	28.1						

[1] Includes payments by Department of Labor. [2] Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, *Social Security Bulletin,* Oct. 1979 and earlier issues; and unpublished data.

No. 570. Public Aid—Recipients of and Average Monthly Cash Payments Under Public Assistance and Supplemental Security Income: 1960 to 1979

[**Recipients in thousands, except as indicated.** As of **December**, except rates as of **June**. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 329. Excludes vendor payments for medical care (i.e. payments made directly to suppliers of medical care). SSI data exclude and public assistance data include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 355-367]

PROGRAM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Recipients of payments:											
Old-age assistance	2,305	2,087	2,082	1,933	1,820	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the aged	(X)	(X)	(X)	(X)	(X)	2,286	2,307	2,148	2,051	1,968	1,872
Aid to the blind	107	85	81	80	78	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the blind	(X)	(X)	(X)	(X)	(X)	75	74	76	77	77	77
Aid to permanently, totally disabled	369	557	935	1,169	1,275	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the disabled	(X)	(X)	(X)	(X)	(X)	1,636	1,933	2,012	2,109	2,172	2,201
Aid to dependent children:											
Families	803	1,054	2,552	3,123	3,156	3,323	3,566	3,585	3,547	3,488	3,560
Recipients [2]	3,073	4,396	9,659	11,069	10,815	11,022	11,401	11,203	10,780	10,349	10,379
Children	2,370	3,316	7,033	7,986	7,813	7,901	8,105	7,903	7,572	7,226	7,207
General assistance cases	431	310	547	541	469	585	692	685	654	620	696
Per 1,000 children under 18:											
AFDC [3] (number)	35	45	87	112	113	113	119	120	118	114	113
Avg. monthly payment (dol.):											
Old-age assistance	59	63	78	80	76	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the aged	(X)	(X)	(X)	(X)	(X)	91	91	94	97	100	123
Aid to the blind	67	81	104	113	112	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the blind	(X)	(X)	(X)	(X)	(X)	141	147	153	159	164	212
Aid to permanently, totally disabled	56	67	98	106	110	(1)	(1)	(1)	(1)	(1)	(1)
SSI for the disabled	(X)	(X)	(X)	(X)	(X)	142	141	146	150	155	182
Aid to dependent children:											
Families	108	137	190	192	195	216	229	242	250	256	271
Recipients	28	33	50	54	57	65	72	77	82	86	93
General assistance cases	72	69	112	115	112	140	144	154	156	157	157

X Not applicable. [1] See footnote 2, table 571. [2] Includes the children and one or both parents or one caretaker other than a parent in families where the needs of such adults were considered in determining the amount of assistance. [3] Aid to families with dependent children program.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin; Social Security Bulletin*, monthly; and *Public Assistance Statistics*, monthly.

No. 571. Public Aid Payments: 1960 to 1979

[**In millions of dollars.** Includes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Supplemental security income data exclude and public assistance data include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 346-354]

PROGRAM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Payments, total	**3,282**	**4,611**	**14,365**	**19,775**	**21,205**	**25,536**	**30,490**	**33,044**	**35,360**	(NA)	(NA)
Supplemental security income	(X)	(X)	(X)	(X)	(X)	[1] 5,246	5,878	6,066	6,306	6,552	7,076
Aged	(X)	(X)	(X)	(X)	(X)	2,503	2,605	2,508	2,448	2,433	2,526
Blind	(X)	(X)	(X)	(X)	(X)	130	131	138	146	152	166
Disabled	(X)	(X)	(X)	(X)	(X)	2,602	3,142	3,422	3,709	3,966	4,381
Public assistance	3,282	4,611	14,365	19,775	21,205	[2] 20,290	[2] 24,612	[2] 26,976	[2] 29,056	(NA)	(NA)
Old-age	1,630	1,601	1,862	1,877	1,743	(3)	(3)	(3)	(3)	(3)	(3)
Blind	86	85	98	106	104	(3)	(3)	(3)	(3)	(3)	(3)
Permanently, totally disabled	237	418	1,000	1,391	1,610	(3)	(3)	(3)	(3)	(3)	(3)
Families with dependent children	1,001	1,660	4,853	6,909	7,212	7,917	9,211	10,140	10,603	10,729	11,069
Other assistance:											
Medical [4]	6	588	5,923	8,708	9,807	11,476	14,177	15,544	17,140	(NA)	(NA)
Emergency [5]	(X)	(X)	11	44	39	64	78	56	66	81	84
General	322	259	618	740	689	825	1,138	1,228	1,238	1,205	1,231

NA Not available. X Not applicable. [1] Includes data not distrubuted by reason for eligibility. [2] Includes data for Puerto Rico, Guam, and Virgin Islands, not shown separately by program. [3] Beginning 1974, program replaced by supplemental security income program in 50 States and the District of Columbia. See text, p. 329. [4] Medical assistance for the aged program initiated in November 1960; terminated in 1969. Medical assistance program initiated in Jan. 1966. Intermediate care facilities program initiated in 1968; transferred to medical assistance program in 1972. [5] Emergency assistance initiated in 1968.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly; and *Public Assistance Statistics*, monthly.

NO. 572. PUBLIC AID—RECIPIENTS OF AID TO FAMILIES WITH DEPENDENT CHILDREN AND SUPPLEMENTAL SECURITY INCOME, STATES AND OTHER AREAS: 1970 TO 1979

[**In thousands.** As of **December.** For explanation of methodology, see Appendix III]

STATE OR OTHER AREA	AID TO FAMILIES WITH DEPENDENT CHILDREN						SUPPLEMENTAL SECURITY INCOME [2] (SSI)					
	Total recipients [1]				Children		1975, total	1977, total	1978, total	1979		
	1970	1975	1978	1979	1975	1979				Total [3]	Aged	Disabled
Total [4]	**9,659**	**11,401**	**10,349**	**10,379**	**8,103**	**7,207**	**4,314**	**4,238**	**4,217**	**4,150**	**1,872**	**2,201**
Ala	164.3	166.5	174.4	179.1	123.6	129.2	[5] 146.5	[5] 141.0	[5] 140.0	[5] 137.2	[5] 80.0	[5] 55.3
Alaska	9.6	10.6	13.0	15.1	7.9	10.4	[5] 3.0	[5] 3.1	[5] 3.2	[5] 3.1	[5] 1.2	[5] 1.8
Ariz	60.8	68.3	50.1	49.9	51.3	36.9	[5] 28.2	[5] 28.7	[5] 29.0	[5] 29.2	[5] 11.9	[5] 16.8
Ark	60.2	108.6	86.8	84.7	80.5	62.1	88.5	84.3	82.5	79.4	45.1	32.8
Calif	1,542.4	1,428.8	1,375.3	1,360.3	984.0	918.6	665.5	692.6	696.4	702.1	314.2	370.5
Colo	91.6	95.0	77.9	74.5	66.8	51.7	[5] 35.4	[5] 33.6	[5] 32.9	[5] 31.4	[5] 14.2	[5] 16.9
Conn	96.4	134.7	136.4	135.8	97.2	94.7	[5] 23.3	[5] 22.7	[5] 23.2	[5] 23.3	[5] 7.6	[5] 15.3
Del	26.0	31.7	30.8	32.6	22.9	22.7	7.0	7.1	7.2	7.1	2.6	4.3
D.C	61.0	103.6	90.4	86.4	74.7	59.7	15.8	14.8	14.8	14.8	4.2	10.4
Fla	258.7	246.1	231.5	247.8	183.8	178.5	158.7	164.5	167.9	167.5	84.3	80.6
Ga	260.4	309.5	208.5	215.4	229.4	157.3	165.4	160.6	158.7	155.2	74.1	78.2
Hawaii	32.4	54.1	59.4	60.0	37.3	40.0	9.6	9.9	10.1	10.0	5.0	4.9
Idaho	18.8	19.7	19.5	20.5	13.8	14.0	[5] 8.8	[5] 7.9	[5] 7.7	[5] 7.4	[5] 2.7	[5] 4.6
Ill	483.6	803.2	684.1	661.3	578.0	466.9	[5] 137.5	[5] 127.8	[5] 125.8	[5] 123.0	[5] 36.8	[5] 84.5
Ind	113.9	176.3	147.7	152.3	128.8	107.7	44.3	[5] 41.1	[5] 41.4	[5] 41.1	[5] 15.7	[5] 24.4
Iowa	74.5	94.5	92.2	97.9	64.6	66.1	28.8	27.0	26.6	25.9	11.6	13.3
Kans	70.3	74.1	63.4	64.7	54.5	47.1	24.0	22.5	21.7	20.9	8.5	12.0
Ky	139.2	197.9	164.4	164.1	138.7	116.0	[5] 98.2	[5] 94.4	[5] 94.0	[5] 92.6	[5] 43.2	[5] 47.5
La	253.8	232.6	202.4	210.3	174.8	155.3	151.6	148.1	143.6	138.5	69.0	67.4
Maine	51.7	68.2	59.7	60.8	49.0	40.4	24.8	22.9	22.7	21.9	10.2	11.4
Md	160.9	218.2	205.6	209.7	156.4	143.8	48.5	48.1	48.4	48.1	16.3	31.2
Mass	256.1	358.9	363.4	352.2	249.3	230.2	132.3	129.7	131.6	128.3	70.6	52.6
Mich	445.1	675.6	619.9	646.4	471.8	439.3	119.9	117.4	117.6	116.9	41.0	74.1
Minn	99.3	130.0	128.6	130.1	91.5	88.0	[5] 39.2	[5] 35.5	[5] 34.5	[5] 32.8	[5] 13.6	[5] 18.6
Miss	138.8	186.2	168.5	171.4	143.5	127.6	125.0	118.2	115.8	112.6	63.7	47.1
Mo	175.3	273.1	193.2	191.0	197.5	130.7	[5] 100.8	[5] 92.3	[5] 89.3	[5] 86.2	[5] 43.4	[5] 41.5
Mont	18.1	19.7	17.6	18.3	14.4	12.8	8.4	7.5	7.4	7.0	2.5	4.4
Nebr	37.4	37.0	35.5	33.9	26.6	23.9	[5] 16.4	[5] 14.4	[5] 14.2	[5] 13.7	[5] 5.8	[5] 7.7
Nev	15.6	15.8	9.3	11.2	11.5	7.8	6.2	6.0	6.3	6.4	3.4	2.6
N.H	15.1	27.2	21.2	21.6	18.9	14.4	[5] 5.6	[5] 5.5	[5] 5.5	[5] 5.3	[5] 2.2	[5] 3.0
N.J	419.0	451.9	457.4	456.0	323.0	316.2	81.3	80.6	83.3	84.1	32.8	50.3
N. Mex	57.7	60.0	50.7	52.1	43.9	36.3	[5] 26.6	[5] 25.8	[5] 25.7	[5] 25.3	[5] 10.7	[5] 14.2
N.Y	1,226.3	1,248.9	1,124.6	1,095.4	879.8	757.8	403.1	383.6	376.9	372.8	142.7	226.1
N.C	146.9	192.0	191.3	193.4	139.5	138.5	[5] 150.5	[5] 144.5	[5] 143.3	[5] 140.0	[5] 65.2	[5] 71.6
N. Dak	12.1	13.6	13.3	12.7	9.9	8.8	[5] 8.0	[5] 7.2	[5] 6.9	[5] 6.5	[5] 3.4	[5] 3.0
Ohio	338.7	577.7	478.5	489.4	397.2	334.3	131.9	125.8	123.9	120.1	37.5	80.3
Okla	106.8	88.4	85.8	87.2	67.0	63.8	[5] 84.1	[5] 77.1	[5] 73.6	[5] 69.1	[5] 36.2	[5] 31.8
Oreg	102.7	110.2	119.2	98.2	73.9	63.0	[5] 26.0	[5] 23.6	[5] 23.0	[5] 22.3	[5] 7.7	[5] 14.1
Pa	565.5	637.6	643.2	621.3	435.0	428.1	147.9	167.8	169.5	166.2	60.3	102.3
R.I	46.1	53.8	49.1	50.3	37.6	34.5	16.2	15.6	15.5	15.1	6.1	8.8
S.C	71.4	138.6	142.5	149.3	102.4	107.0	[5] 82.4	[5] 83.2	[5] 84.1	[5] 83.2	[5] 39.3	[5] 42.0
S. Dak	19.4	25.0	20.6	20.2	18.4	14.7	9.0	8.3	8.2	7.8	3.9	3.9
Tenn	168.9	212.0	159.6	157.8	155.7	113.1	138.7	134.1	133.4	130.6	63.1	65.6
Tex	331.2	361.0	287.8	306.1	267.8	224.7	[6] 280.0	[6] 273.3	[6] 270.2	[6] 262.8	[6] 152.9	[6] 105.8
Utah	38.9	37.4	36.9	34.7	25.8	22.1	[5] 9.3	[6] 8.4	[6] 8.1	[5] 7.8	[5] 2.5	[5] 5.2
Vt	14.8	24.0	19.6	21.1	15.7	13.7	9.2	9.0	9.0	8.9	3.8	5.0
Va	117.5	180.2	160.8	163.2	129.1	114.4	[5] 77.5	[5] 79.1	[5] 79.7	[5] 79.7	[5] 35.7	[5] 42.5
Wash	149.8	144.2	138.4	143.3	94.8	91.6	53.0	49.1	48.7	46.7	16.2	30.0
W. Va	99.9	74.3	66.9	77.0	50.8	58.1	[5] 43.6	[5] 42.9	[5] 42.8	[5] 41.5	[5] 14.6	[5] 26.2
Wis	96.6	183.8	189.2	201.4	129.9	137.9	66.0	67.0	68.5	67.5	31.5	35.1
Wyo	6.5	6.4	5.9	6.6	4.7	4.7	2.5	[5] 2.2	[5] 2.0	[5] 1.9	[5] .8	[5] 1.0
P.R	287.6	208.1	168.5	174.8	151.9	124.4	(X)	(X)	(X)	(X)	(X)	(X)
Guam	2.3	3.3	4.5	4.7	2.6	3.5	(X)	(X)	(X)	(X)	(X)	(X)
V.I	2.2	3.9	3.2	3.0	3.2	2.5	(X)	(X)	(X)	(X)	(X)	(X)

X Not applicable. [1] Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance. [2] Covers persons with Federal supplemental security income (SSI) payments and/or federally administered State supplementation, except as noted. See text, p. 329. [3] Includes blind recipients. [4] SSI figures include small number of recipients in No. Mariana Islands and "unknown." [5] Data for persons with Federal SSI payments only; State has State-administered supplementation. [6] Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly.

No. 573. Public Assistance Payments to Families with Dependent Children (AFDC), 1970 to 1979, and for Medical Assistance, 1970 to 1978

[For explanation of methodology for AFDC data, see Appendix III]

STATE OR OTHER AREA	PAYMENTS FOR YEAR (mil. dol.)								AVERAGE MONTHLY PAYMENTS PER FAMILY TO FAMILIES WITH DEPENDENT CHILDREN (dol.)			
	Aid to families with dependent children				Medical assistance [1]							
	1970	1975	1978	1979	1970	1975	1977	1978	1970	1975	1978	1979
Total	**4,853**	**9,211**	**10,729**	**11,069**	[2] **5,923**	**14,177**	**17,140**	**19,251**	**183**	**219**	**254**	**263**
Alabama	26	59	78	81	75	164	193	222	62	96	112	111
Alaska	6	13	18	22	(x)	10	22	25	191	271	314	326
Arizona	22	32	30	33	(x)	(x)	(x)	(x)	128	131	146	159
Arkansas	15	50	51	51	28	106	155	190	90	125	143	144
California	853	1,349	1,820	1,895	1,094	1,967	2,215	2,434	192	248	318	341
Colorado	44	75	73	73	55	110	127	173	168	200	210	223
Connecticut	68	130	174	186	83	180	227	267	237	268	320	335
Delaware	9	22	28	30	6	17	27	29	131	178	215	218
District of Columbia	32	92	91	92	34	106	120	124	212	239	238	247
Florida	64	118	145	164	66	198	245	273	89	122	147	162
Georgia	78	136	103	114	104	283	345	367	103	100	107	118
Hawaii	21	60	85	88	20	44	76	80	241	325	383	389
Idaho	11	18	21	23	9	31	35	40	179	227	256	263
Illinois	275	773	698	681	263	782	972	1,070	232	284	268	269
Indiana	40	105	118	116	72	194	249	285	144	161	190	189
Iowa	43	95	111	122	24	101	164	207	190	278	284	297
Kansas	38	61	72	72	54	121	166	159	194	215	235	251
Kentucky	49	119	122	122	59	134	194	219	113	177	168	167
Louisiana	55	98	98	106	57	177	244	312	84	121	130	136
Maine	22	48	52	57	23	71	93	104	153	170	213	226
Maryland	74	144	170	185	102	262	253	245	161	175	195	208
Massachusetts	212	415	484	477	307	596	721	846	276	309	323	321
Michigan	206	655	810	890	249	705	876	985	210	273	337	357
Minnesota	74	134	169	178	120	278	396	439	234	256	299	312
Mississippi	18	32	38	56	21	[3] 54	142	183	47	49	61	84
Missouri	57	130	152	155	65	125	195	213	114	126	184	201
Montana	8	13	15	16	11	30	44	54	147	155	192	211
Nebraska	16	27	39	38	34	57	77	93	152	191	262	258
Nevada	5	9	8	9	8	22	21	28	105	151	186	193
New Hampshire	8	24	22	23	6	31	46	52	209	232	234	250
New Jersey	265	437	502	518	127	413	481	577	251	274	290	296
New Mexico	22	32	33	36	18	33	48	56	122	142	163	172
New York	947	1,448	1,677	1,608	1,279	3,159	3,223	3,507	266	325	375	370
North Carolina	50	121	138	143	69	192	266	323	117	158	157	160
North Dakota	8	12	14	15	12	26	35	36	205	226	247	258
Ohio	152	405	446	475	148	423	566	635	163	190	217	238
Oklahoma	45	67	74	85	96	155	199	231	138	188	217	245
Oregon	50	97	149	145	35	101	143	152	175	224	279	298
Pennsylvania	361	610	733	716	321	760	1,072	1,181	241	268	284	280
Rhode Island	29	47	59	61	39	78	110	125	220	241	285	297
South Carolina	15	46	53	60	30	96	153	178	78	88	88	95
South Dakota	11	20	18	18	13	25	34	43	183	204	204	208
Tennessee	53	85	78	79	41	167	236	292	110	106	110	114
Texas	92	146	122	123	239	570	723	807	119	108	108	108
Utah	20	34	41	39	20	37	54	71	159	227	265	282
Vermont	9	21	22	26	15	34	43	50	200	261	293	321
Virginia	55	135	138	144	49	180	252	282	174	192	199	205
Washington	91	138	182	199	94	199	219	247	205	241	307	331
West Virginia	34	44	54	56	19	46	65	83	118	171	192	177
Wisconsin	61	193	267	288	151	416	474	545	213	278	319	330
Wyoming	3	5	6	7	3	6	9	10	150	163	212	242
Puerto Rico	28	25	25	65	56	102	93	99	47	46	49	130
Guam	1	2	3	3	(Z)	1	(NA)	(NA)	182	191	199	205
Virgin Islands	1	2	2	2	1	2	2	2	125	129	128	169

NA Not available. X Not applicable. Z Less than $500,000. [1] Source: U.S. Health Care Financing Administration, *National Monthly Medicaid Statistics*. [2] Includes intermediate care facilities program. [3] Expenditures for Jan-June.

NO. 574. PUBLIC AID—FEDERALLY ADMINISTERED SUPPLEMENTAL SECURITY INCOME PAYMENTS: *1975 TO 1979*

[Covers Federal supplemental security income (SSI) payments and/or federally administered State supplementation, except as noted. See text, p. 329, and Appendix III]

STATE	PAYMENTS FOR YEAR (mil. dol.)								AVERAGE MONTHLY PAYMENT (Dec.)			
	1975	1977	1978			1979			Aged		Disabled	
			Total [1]	Aged	Disabled	Total [1]	Aged	Disabled	1978	1979	1978	1979
Total [2]	**5,716.1**	**6,134.1**	**6,371.6**	**2,342.1**	**3,881.5**	**6,868.7**	**2,420.7**	**4,285.6**	**$100**	**$122.7**	**$155**	**$182.0**
Ala. [3]	152.9	160.4	164.4	85.4	76.1	178.4	86.9	88.2	86	92.7	128	141.7
Alaska [3]	4.3	4.5	4.6	1.6	3.0	5.0	1.7	3.3	108	112.7	138	154.8
Ariz. [3]	34.9	39.9	41.7	14.2	26.6	46.9	14.6	31.3	98	108.1	146	169.7
Ark.	89.9	90.9	93.9	47.0	44.6	98.0	46.7	48.8	81	87.5	116	128.9
Calif.	1,256.3	1,432.1	1,497.7	549.2	903.1	1,657.0	595.8	1,010.9	142	[4] 235.5	212	[4] 302.1
Colo. [3]	39.0	40.5	41.2	15.3	25.4	43.0	15.3	27.0	83	91.0	127	139.1
Conn. [3]	26.9	29.8	31.2	7.8	22.9	34.3	8.2	25.6	86	92.1	135	147.3
Del.	8.0	8.6	9.1	2.5	6.3	9.9	2.5	7.1	75	82.1	135	141.7
D.C.	22.4	22.8	23.4	4.9	18.2	25.6	5.1	20.1	96	115.7	154	179.8
Fla.	185.8	214.7	229.9	105.1	120.7	252.6	110.8	137.3	104	115.0	136	150.0
Ga.	177.6	190.3	196.5	80.7	111.2	210.4	81.6	123.8	87	93.6	126	139.0
Hawaii	14.4	15.4	16.4	7.2	8.8	17.8	7.7	9.8	121	133.6	166	180.1
Idaho [3]	9.0	9.0	9.1	2.6	6.3	9.7	2.6	7.0	73	80.9	121	132.5
Ill. [3]	165.8	172.2	176.2	39.5	134.0	185.9	40.0	143.0	87	94.2	136	147.2
Ind.	41.7	[3] 45.1	[3] 48.6	[3] 14.8	[3] 32.2	[3] 52.5	[3] 14.5	[3] 36.3	74	79.3	123	133.9
Iowa	28.6	28.1	28.5	10.2	16.8	30.2	9.9	18.6	69	74.1	114	125.7
Kans.	23.1	23.9	24.3	8.5	15.4	25.5	8.2	16.8	77	81.8	111	122.5
Ky. [3]	114.1	120.4	123.3	49.5	70.1	134.5	49.7	80.9	89	95.7	136	150.9
La.	172.6	186.0	192.7	83.8	105.3	201.0	82.5	114.7	94	101.1	136	148.8
Maine	26.4	23.7	24.7	8.0	16.2	26.4	8.0	17.8	64	65.2	127	136.4
Md.	64.1	65.4	67.9	16.3	50.6	73.1	16.8	55.3	82	88.3	145	155.9
Mass.	234.8	217.1	222.9	101.3	109.8	230.2	100.5	117.1	117	119.7	182	192.1
Mich.	173.3	187.7	201.1	56.0	141.8	222.8	58.5	160.6	116	127.1	175	195.4
Minn.	[5] 38.2	[3] 36.7	[3] 37.6	[3] 12.5	[3] 24.2	[3] 38.8	[3] 12.3	[3] 25.6	72	77.5	109	119.9
Miss.	137.4	143.2	147.2	71.8	72.4	155.4	72.1	80.1	89	95.8	135	149.1
Mo. [3]	110.4	110.5	111.0	48.3	60.5	117.0	47.3	67.5	86	92.3	130	143.4
Mont.	8.9	9.4	9.6	2.3	7.0	9.9	2.3	7.4	72	77.3	136	147.9
Nebr. [3]	16.6	15.6	16.0	5.3	10.3	17.1	5.1	11.6	70	75.0	119	130.5
Nev.	7.3	7.8	8.5	4.1	3.6	10.3	4.8	4.6	103	112.0	133	149.2
N.H. [3]	5.1	6.0	6.4	2.0	4.2	6.9	1.9	4.8	70	76.0	125	138.8
N.J.	106.1	116.7	124.6	40.5	82.4	135.7	42.3	91.6	106	114.3	148	161.3
N. Mex. [3]	30.9	33.2	34.3	11.4	22.2	36.8	11.8	24.2	88	95.9	137	151.1
N.Y.	687.7	672.4	686.8	205.9	472.8	728.7	211.7	508.5	120	127.5	181	196.9
N.C. [3]	157.5	169.4	174.5	64.8	104.5	189.1	67.2	116.5	81	88.1	129	142.9
N. Dak. [3]	8.2	8.2	8.0	3.4	4.5	8.1	3.3	4.6	75	79.4	123	133.2
Ohio	156.0	164.5	170.7	40.1	127.1	180.5	39.1	137.6	82	88.5	137	150.6
Okla. [3]	92.5	92.0	91.4	42.5	47.1	93.6	41.6	50.1	89	88.4	124	150.5
Oreg. [3]	28.5	29.4	29.3	7.4	21.1	31.3	7.5	23.0	77	83.5	129	141.0
Pa.	203.7	258.3	269.3	75.1	187.8	287.6	74.5	203.7	99	105.1	163	172.6
R.I.	19.6	20.0	20.8	6.0	14.5	22.1	6.3	15.4	82	91.2	140	154.3
S.C.	[5] 84.6	[3] 96.2	[3] 102.1	[3] 39.6	[3] 59.4	[3] 110.7	[3] 40.8	[3] 66.7	81	88.5	127	140.5
S. Dak.	8.7	8.9	9.1	3.7	5.1	9.3	3.6	5.5	70	75.7	113	120.8
Tenn.	147.3	158.8	166.1	65.7	97.4	178.5	66.6	108.5	82	89.0	132	145.5
Tex. [6]	274.5	296.5	308.9	156.8	145.9	328.5	160.1	161.6	83	89.9	121	135.1
Utah	[5] 10.6	[3] 10.4	[3] 10.3	[3] 2.7	[3] 7.3	[3] 10.3	[3] 2.6	[3] 7.5	85	91.8	117	127.9
Vt.	12.7	12.4	13.1	4.4	8.5	14.4	4.5	9.6	94	101.0	150	169.1
Va. [3]	76.6	89.2	94.0	34.4	57.4	104.5	35.7	66.5	78	86.0	125	139.7
Wash.	75.7	75.2	77.7	19.8	57.0	80.1	19.9	59.0	97	106.1	158	174.0
W. Va. [3]	51.8	58.1	60.2	16.9	42.2	65.5	16.9	47.4	89	97.6	145	158.0
Wis.	89.1	95.3	103.0	39.0	62.2	110.7	39.0	69.6	102	118.9	161	185.5
Wyo.	2.5	[3] 2.5	[3] 2.5	[3] 1.0	[3] 1.6	[3] 2.4	[3] .8	[3] 1.6	74	78.3	122	133.0
Unknown	1.1	3.5	.1	(Z)	(Z)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
N. Mariana Is. [6]	(X)	(X)	.8	.5	.3	1.2	.7	.5	129	160.8	170	192.5

X Not applicable. Z Less than $50,000. [1] Includes payments to the blind, not shown separately. [2] 1977, 1978, and 1979 figures include payments to Indochina refugees (U.S. total $5.7 million in 1977, $8.7 million in 1978 and $13.0 million in 1979). *In addition, totals were reduced to reflect returned checks and overpayment refunds.*

[3] Federal SSI payments only; State has State-administered supplementation. [4] Reflects retroactive payments of State's optional supplementation payment increase. [5] Includes federally administered State supplementation as follows: for S.C. and Utah, for months prior to July 1975; for Minn., prior to October 1975. [6] Federal SSI payments only.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin; Social Security Bulletin,* monthly, and unpublished data.

No. 575. Supplemental Security Income—Recipients, by Sex and Race: 1975 to 1979

[As of Dec. See headnote, table 570. "Total" includes persons not reported]

Sex and race	Total recipients (1,000)				Percent distribution					
					1975			1979		
	1975	1977	1978	1979	Total	Aged	Disabled	Total	Aged	Disabled
Total	**4,314**	**4,238**	**4,217**	**4,150**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male	1,532	1,472	1,454	1,423	35.5	29.6	42.1	34.3	27.5	39.8
Female	2,770	2,759	2,757	2,722	64.2	70.3	57.4	65.6	72.4	60.1
White	2,755	2,758	2,733	2,664	63.9	65.2	62.4	64.2	64.4	64.1
Black	1,120	1,156	1,153	1,141	26.0	24.0	28.1	27.5	24.8	29.7
Other	108	128	132	137	2.5	2.5	2.5	3.3	3.7	3.0
Recipients also of Social Security benefits	2,272	2,201	2,179	2,134	52.7	69.5	33.2	51.4	70.4	35.8

No. 576. State-Administered Supplemental Security Income (SSI)—Recipients and Payments, by States: 1975 to 1979

[1979 preliminary. Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments. See text, p. 329, and Appendix III]

State	Recipients, Dec. (1,000)			Payments for year (mil. dol.)			State	Recipients, Dec. (1,000)			Payments for year (mil. dol.)		
	1975	1978	1979	1975	1978	1979		1975	1978	1979	1975	1978	1979
Total	**303.4**	**259.1**	**257.3**	**162**	**180**	**207**	Minn	5.9	11.0	10.8	3	8	9
							Mo	53.1	34.2	29.7	25	15	13
Ala	23.2	19.3	17.5	12	13	13	Nebr	5.4	7.0	7.0	3	5	5
Alaska	3.3	2.6	2.6	3	4	4	N.H	3.3	3.9	4.1	2	3	4
Ariz	1.5	1.1	1.4	2	1	1	N.C	10.3	10.1	10.4	14	20	22
Colo	31.1	31.1	30.8	15	20	22	Okla	72.6	60.1	58.2	21	26	39
Conn	9.7	11.2	12.1	9	13	16	Oreg	20.4	13.6	13.3	6	5	6
Fla	2.1	3.1	3.1	1	1	2	S.C.[1]	1.2	1.4	1.5	1	1	2
Idaho	3.0	3.4	3.3	1	3	3	Va	2.1	2.3	2.7	1	3	5
Ill	45.2	33.5	32.0	34	25	25	Other	.9	1.3	8.0	(z)	8	3
Ky	9.0	8.8	8.8	9	11	12							

Z Less than $500,000. [1] Optional supplementation program became effective July 1976.

Source of tables 575 and 576: U.S. Social Security Administration, *Social Security Bulletin*, June issues.

No. 577. Aid to Families with Dependent Children (AFDC)—Percent Distribution of Recipient Families and Children, by Characteristics: 1973 to 1977

[Refers to federally-aided State programs providing aid to needy children deprived of parental care or support. Based on a sample and subject to sampling variability; for details, see source]

Families	1973	1975	1977	Children	1973	1975	1977
Recipient families (1,000)	**2,990**	**3,420**	**3,523**	**Recipient children (1,000)**	**7,725**	**8,121**	**7,836**
PERCENT DISTRIBUTION				PERCENT DISTRIBUTION			
Metropolitan areas [1]	77.9	78.5	77.1	Basis for eligibility:			
Nonmetropolitan areas [2]	22.1	21.5	22.9	Father is—			
				Deceased	4.0	3.7	2.6
White	46.9	50.2	52.6	Incapacitated	10.2	7.7	5.9
Black	45.8	44.3	43.0	Unemployed	4.1	3.7	5.0
American Indian and other [2]	7.3	5.5	4.4				
				Absent from home:			
Families with 1 child	33.8	37.9	40.3	Divorced	17.7	19.4	21.4
Families with 2 children	25.5	26.0	27.3	Separated [4]	28.8	28.6	25.5
Families with 3 children	16.3	16.1	16.1	Not married to mother	31.5	31.0	33.8
Families with 4 or 5 children	17.2	15.0	12.7	Other	2.4	4.3	4.1
Families with 6 or more children	7.2	5.0	3.6	Mother is absent, not father	1.2	1.6	1.6
Years as recipient: [3]				Age:			
Under 1 year	30.2	27.7	30.8	Under 6, including unborn	34.8	34.6	35.1
1-3 years	34.5	27.3	29.1	6-11	34.7	33.7	33.9
4-5 years	16.9	18.8	15.4	12-17	28.1	28.5	27.6
6-10 years	12.8	19.3	18.5	18-20	2.4	2.4	2.6
Over 10 years	5.0	6.3	5.4	Unknown	-	.8	.9

- Represents zero. [1] Refers to 243 standard metropolitan statistical areas as designated in 1970 census publications. For definition, see Appendix II. [2] Includes unknown or not reported. [3] Excludes unknown or not reported. [4] Includes legally and nonlegally separated.

Source: U.S. Social and Rehabilitation Service, *Findings of the 1973 AFDC Study*, June 1974 (Part I), and U.S. Social Security Administration, *1975 Recipient Characteristic Study* (Part 1), Sept. 1977, and unpublished data.

No. 578. Currently Divorced, Separated, Remarried, and Never-Married Women—Selected Characteristics by Amount of Child Support Payments in 1975: 1976

[**In thousands, except as noted.** Number of women as of **spring 1976.** Covers never-married women with children under 18 years old living with them at survey date and women divorced or separated before 1975 with own children under 18 years old living with them at time of divorce or separation and at survey date. Based on 1976 Survey of Income and Education, see Appendix III]

CHARACTERISTIC	Number of women	WOMEN RECEIVING NO CHILD SUPPORT		WOMEN RECEIVING SUPPORT PAYMENTS						
					Child support only					
		Total	Percent	Total [1]	Total	Less than $1,000	$1,000–$1,999	$2,000–$2,999	$3,000 and over	Mean amount (dol.)
Total women	**4,922**	**3,676**	**74.7**	**1,246**	**1,137**	**445**	**392**	**170**	**129**	**2,433**
Currently divorced	1,333	773	58.0	561	487	176	168	77	66	2,836
Currently separated	669	564	81.9	125	110	49	29	16	16	3,178
Remarried women [2]	2,001	1,477	73.8	524	504	197	186	75	46	1,947
Never-married	899	863	96.0	37	36	23	10	3	1	1,503
White	3,488	2,400	68.8	1,088	990	357	351	161	120	2,536
Black	1,372	1,225	89.3	147	140	85	40	9	6	1,601
Spanish origin [3]	363	303	83.5	60	57	28	18	6	4	1,977
Number of own children:										
1 own child	1,988	1,529	76.9	459	415	191	172	32	20	2,258
2 own children	1,469	1,061	72.2	408	369	133	121	74	42	2,469
3 or more own children	1,466	1,086	74.1	380	352	121	100	64	69	2,600
Age of youngest child:										
Under 5 years	1,631	1,306	80.1	325	309	143	117	30	19	1,751
5–11 years	2,081	1,490	71.6	592	554	201	174	95	85	2,310
12–17 years	1,210	881	72.8	329	274	102	101	46	26	3,448
Type of income in 1975 of woman:										
With earnings	3,100	2,138	69.0	963	875	322	309	140	105	2,431
With public assistance income	1,562	1,404	89.9	158	149	92	42	11	3	1,315
Aid to families with dependent children [4]	1,490	1,343	90.1	147	139	90	37	8	3	1,282
1975 family income:										
Under $6,000	1,535	1,332	86.8	202	182	94	56	17	15	(NA)
$6,000–$9,999	1,037	769	74.2	267	239	92	97	30	21	(NA)
$10,000–$14,999	920	619	67.3	299	271	110	88	42	33	(NA)
$15,000 and over	1,433	955	66.6	478	445	149	152	82	61	(NA)
Mean income (dol.)	12,157	11,205	(X)	14,966	15,079	13,095	14,332	18,657	(NA)	(X)
Percent family income (incl. child support) below poverty level	27.3	32.3	(X)	12.5	12.4	16.8	11.0	7.0	8.5	(X)

NA Not available. . X Not applicable. [1] Women who received in addition to child support payments, alimony, regular contributions from persons not living in household, and other sources of income. [2] Remarried women whose previous marriage ended in divorce. [3] Persons of Spanish origin may be of any race. [4] See text, p. 329.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 84.

No. 579. Head Start Program—Enrollment and Appropriations: 1965 to 1979

[For years ending **June 30,** except, beginning **1977,** ending **Sept. 30.** Head Start program was designed to help communities overcome the handicaps of disadvantaged preschool children by providing preschool children from low-income families with a comprehensive program that would meet their educational, social, health, nutritional, and psychological needs]

ITEM	Unit	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total enrollment	1,000	**561**	**424**	**368**	**368**	**368**	**338**	**338**	**322**	**391**	**388**
Full year program [1]	1,000	(X)	229	282	282	299	292	292	296	365	369
Summer program	1,000	561	195	86	86	69	46	46	26	26	18
Federal gov't appropriation	Mil. dol	96	326	370	392	392	441	455	475	625	680

X Not applicable. [1] Includes children enrolled in Parent and Child Centers which serve children from infancy to 3 years old.

Source: U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families. Published by U.S. National Center for Education Statistics in *The Condition of Education, 1980 Edition.*

No. 580. Day Care Arrangements of Children 3 to 13 Years Old, by Selected Characteristics: 1974–1975

[Data for children 3 to 6 years old as of **February 1975** and for children 7 to 13 years old as of **October 1974.** Civilian noninstitutional population. Includes children with no mother present, not shown separately. Based on Current Population Survey; see text, p. 1 and Appendix III]

Characteristic	Total	Care in own home			Care in other's home		Day care center	Other and not reported
		Child's parent	Child's self-care	Other	Relative	Non-relative		
Total children	**40,765**	**32,810**	**1,828**	**2,644**	**1,174**	**1,276**	**326**	**707**
3 to 6 years old	**13,758**	**11,136**	**20**	**666**	**695**	**838**	**219**	**184**
7 to 13 years old	**27,007**	**21,674**	**1,808**	**1,978**	**479**	**438**	**107**	**523**
Mother in labor force	17,555	11,168	1,620	1,994	965	1,187	284	336
Employed	16,046	9,797	1,595	1,962	932	1,165	279	319
Full-time	10,323	5,168	1,331	1,842	756	940	247	239
Mother not in labor force	22,498	21,214	159	522	171	53	26	350
Marital status of mother:								
Married, husband present	33,467	27,909	1,315	1,735	835	948	211	515
Separated, divorced, widowed	5,960	4,036	441	702	253	277	103	148
Never married	625	435	24	78	49	16	8	13

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 298.

No. 581. Day Care Center Enrollment, by Funding Status of Center and Selected Characteristics: 1976–1977

[**In thousands, except percent.** Covers day care centers which are open at least 25 hours per week, have a capacity for 13 or more children (2–5 years old), operate at least 9 months per year, and have a majority of enrollment which is nonhandicapped. Based on a sample survey of 3,167 centers. Subject to sampling variability; see source]

Funding status of center	Total enrollment	Race			Families with children enrolled	Family type		1977 family income		
		White	Black	Other		Two-parent	One-parent	Less than $6,000	$6,000–$15,000	More than $15,000
All centers	897.7	568.5	252.9	76.3	804.5	502.7	301.8	240.5	345.6	218.3
Funded,[1] profit-making	91.4	67.6	18.8	5.0	84.4	49.8	34.6	26.7	37.6	20.2
Funded,[1] non-profit	316.2	139.4	137.6	39.2	272.2	127.0	145.2	150.3	99.2	22.7
Non-funded profit-making	238.5	193.8	31.4	13.3	240.0	179.8	60.2	12.9	108.8	118.3
Non-funded non-profit	251.6	167.7	65.2	18.7	207.9	146.1	61.8	50.6	100.1	57.2
PERCENT DISTRIBUTION										
All centers	100	63	28	9	100	62	38	30	43	27
Funded,[1] profit-making	100	74	21	5	100	59	41	32	45	24
Funded,[1] non-profit	100	44	44	12	100	47	53	55	36	8
Non-funded profit-making	100	81	13	6	100	75	25	5	45	49
Non-funded, non-profit	100	67	26	7	100	70	30	24	48	28

[1] Centers that enroll at least one child whose care is paid for at least in part by government funds.

No. 582. Day Care Centers—Number and Expenditures: 1976–1977

[See headnote, table 581]

Status and sponsorship	Number	Percent distribution	Item	All centers	Funded [1] profit-making	Funded [1] non-profit	Non-funded profit-making	Non-funded non-profit
Total centers	18,307	100.0	Total expenditures (mil. dol.)	1,286	114	616	259	297
Profit	7,459	40.7	Average expenditure per FTE child [2] (dol.)	1,630	1,430	2,190	1,230	1,430
Independent	6,430	35.1	Percent distribution of centers, by expenditure per FTE child: [2]					
Group	1,029	5.6						
Non-profit	10,848	59.2	*Total*	100	100	100	100	100
Independent	3,484	19.0	Less than $1,000	26	19	14	41	32
Sponsored	7,364	40.2	$1,000–$1,999	49	68	39	53	50
Church	3,058	16.7	$2,000–$2,999	17	10	32	5	11
Community	1,411	7.7	$3,000 or more	9	3	15	2	6
Government	1,282	7.0						
Head Start program	733	4.0						
Other	880	4.8						

[1] See footnote 1, table 581. [2] Full-time equivalent child.

Source of tables 581 and 582: Abt Associates, Inc., *Day Care Centers in the U.S.: A National Profile, 1976–77*, 1979. Data from survey conducted for U.S. Dept. of Health and Human Services, Administration for Children, Youth, and Families.

NO. 583. SOCIAL SECURITY—CHILD BENEFICIARIES AND BENEFITS: 1965 TO 1979

[Benefits in current-payment status at end of year. For explanation of methodology, see Appendix III]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Beneficiaries (1,000):									
Children	3,093	4,122	4,687	4,776	4,972	5,035	5,083	4,938	4,794
Under age 18	2,689	3,315	3,716	3,755	3,835	3,819	3,813	3,701	3,566
Disabled children [1]	198	271	320	341	362	382	404	420	435
Students, 18–21 yr. old	206	537	652	679	774	835	865	817	793
Of retired workers	461	546	614	619	643	653	679	661	656
Of deceased workers	2,074	2,688	2,912	2,894	2,919	2,903	2,875	2,780	2,706
Of disabled workers	558	889	1,161	1,263	1,411	1,480	1,528	1,497	1,432
Annual benefits (mil. dol.):									
Children	1,922	3,517	5,219	5,852	6,643	7,434	8,163	8,671	9,416
Under age 18	1,632	2,701	3,930	4,353	4,823	5,296	5,758	5,983	6,676
Disabled children [1]	121	250	397	463	537	634	710	780	895
Students, 18–21 yr. old	169	566	892	1,036	1,283	1,504	1,695	1,908	1,846
Of retired workers	175	303	457	533	634	722	746	921	1,014
Of deceased workers	1,515	2,760	4,002	4,399	4,898	5,384	5,914	6,093	6,608
Of disabled workers	232	454	760	920	1,121	1,328	1,503	1,657	1,794
Average monthly benefits, Dec. (dollars):									
Children of retired workers	32	45	61	70	77	86	95	106	120
Children of deceased workers	61	82	112	126	139	152	166	182	206
Children of disabled workers	32	39	50	56	62	68	75	83	90

[1] 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

NO. 584. ORPHANS, BY TYPE: 1960 TO 1979

[Includes Puerto Rico and Virgin Islands; beginning 1976, also includes American Samoa, Guam, and citizens (including Armed Forces) overseas. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on U.S. Bureau of the Census estimated population of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960, January	2,955	2,055	840	60	4.5	3.1	1.3	.1
1965, January	3,290	2,330	890	70	4.7	3.3	1.3	.1
1970, July	3,260	2,300	890	70	4.6	3.2	1.3	.1
1976, July	3,507	2,445	1,008	54	5.2	3.6	1.5	.1
1977, July	3,363	2,354	957	52	5.1	3.6	1.4	.1
1978, July	3,307	2,317	940	50	5.0	3.5	1.4	.1
1979, July	3,186	2,245	894	47	4.9	3.4	1.4	.1

Source: U.S. Social Security Administration, unpublished data.

NO. 585. CHILD ADOPTIONS—SELECTED STATES AND PUERTO RICO: 1970 AND 1975

[Represents voluntary reports by State welfare departments covering children under age 21 for whom adoption petitions were granted. States shown are those which filed complete data on total adoptions in 1975 or as noted. For additional details for individual States with varying degrees of coverage, see source. U.S. estimated total, 1970=175,000]

STATE	1970, total	1975		STATE	1970, total	1975		STATE	1970, total	1975	
		Total	By relatives [1] (percent)			Total	By relatives [1] (percent)			Total	By relatives [1] (percent)
Ala	1,414	2,675	81	La	2,921	2,847	74	Pa	7,621	5,983	62
Ark	924	769	68	Maine	1,431	1,042	72	S. Dak	575	517	61
Conn	1,875	[2] 722	[2] 31	Mass	(NA)	1,034	3	Tenn	2,154	[4] 2,107	[4] 73
Del	382	314	71	Mich	8,879	8,912	53	Tex	12,378	6,316	66
D.C	[3] 800	293	30	Minn	3,944	[2] 3,135	[2] 50	Vt	477	502	69
Fla	7,271	6,523	67	Nev	787	388	71	Va	3,742	3,866	69
Ga	2,803	2,047	68	N.H	677	648	67	Wash	4,382	2,885	65
Hawaii	1,124	742	81	N.J	3,923	2,626	52	W. Va	1,429	1,219	83
Ind	4,800	5,379	70	N. Mex	1,173	997	70	Wis	3,721	2,573	53
Iowa	3,087	2,521	68	N.C	3,116	3,701	71	Wyo	585	543	(NA)
Ky	1,870	1,560	47	Ohio	9,373	7,588	63	P.R	271	224	65

NA Not available. [1] Relationship not reported for 24 percent in Kentucky, 11 percent in Michigan, 7 percent in Florida, and 0–4 percent in other States. [2] For fiscal year 1976. [3] For 1969. [4] For fiscal year 1975.

Source: U.S. National Center for Social Statistics, *Adoptions in 1970* and *Adoptions in 1975*, NCSS Report E-10.

No. 586. Handicapped Children Receiving Special Education and Related Services: 1977 to 1979

[**In thousands.** For school year ending in year shown. Covers children 3 to 21 years old. Data for 1977 and 1978 are averages of two censuses reported by State education agencies for school year; 1979, based on census of Dec. 1978]

TYPE	1977	1978	1979	TYPE	1977	1978	1979
Total children served	3,722	3,777	3,919	Emotionally disturbed	284	289	301
				Deaf and hard of hearing	90	87	86
Speech impaired	1,309	1,227	1,216	Multi-handicapped	(1)	(1)	51
Learning disabilities	800	969	1,136	Visually handicapped	38	36	33
Mentally retarded	972	945	918	Crippled and other health impairments.	229	224	178

[1] Reported under the condition for which they received the most special education and services.

Source: U.S. Bureau of Education for the Handicapped, *BEH Data Notes,* September 1977, and unpublished data.

No. 587. Boy Scouts and Girl Scouts—Membership and Units: 1960 to 1979

[**In thousands.** Boy Scouts as of **Dec. 31**; Girl Scouts as of **Sept. 30.** Includes Puerto Rico and outlying areas]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979
BOY SCOUTS OF AMERICA								
Membership	**5,165**	**5,733**	**6,287**	**5,318**	**4,884**	**4,716**	**4,493**	**4,266**
Boys	3,783	4,231	4,683	3,933	3,600	3,466	3,303	3,157
Cub Scouts (8–10 yr. old)	1,865	2,064	2,438	1,997	1,874	1,843	1,788	1,711
Boy Scouts (11–18 yr. old)	1,647	1,850	1,916	1,503	1,339	1,225	1,123	1,055
Explorers (14 yr. and over)	271	317	329	434	387	398	392	391
Adults	1,382	1,502	1,604	1,385	1,284	1,252	1,190	1,109
Total units (packs, troops, posts)	130	145	157	150	141	137	134	129
GIRL SCOUTS OF THE U.S.A.								
Membership	**3,419**	**3,647**	**3,922**	**3,234**	**3,160**	**3,140**	**3,084**	**2,961**
Girls	2,646	3,030	3,248	2,723	[1]2,623	[1]2,583	[1]2,511	[1]2,389
Brownies (6–8 yr. old)	(2)	1,072	1,259	1,160	1,156	1,199	1,245	1,206
Juniors (9–11 yr. old)	(2)	1,416	1,509	1,188	1,114	1,054	977	926
Cadettes (12–14 yr. old)	(2)	443	395	301	275	252	218	193
Seniors (15–17 yr. old)	(2)	99	85	74	68	64	57	52
Adults	773	617	674	511	537	557	573	572
Total units (troops)	164	153	164	159	157	159	159	157

[1] Includes girls registered as "Other" or "Associates." [2] Comparable data not available.

Source: Boy Scouts of America, National Council, Irving, Texas, *Annual Report;* and Girl Scouts of the United States of America, New York, N.Y., *Annual Report.*

No. 588. Volunteer Workers—Selected Characteristics: 1974

[For year ending in **April.** Covers civilian noninstitutional population, 14 years old and over. Volunteer work refers to *unpaid* volunteer activities for such groups as religious, educational, hospital, civic and community, social and welfare, etc. Based on Current Population Survey; see text, p. 1 and Appendix III]

CHARACTERISTIC	Number doing volunteer work (1,000)	Percent of population	Percent distribution	CHARACTERISTIC	Number doing volunteer work (1,000)	Percent of population	Percent distribution
Total volunteers	**36,812**	**23.5**	**100.0**	Married, spouse present	25,520	26.9	69.3
				Never married	7,956	19.9	21.6
Male	15,100	20.4	41.0	Other marital status	3,337	15.3	9.1
Female	21,712	26.4	59.0				
				Volunteer work [1]—			
White	34,380	24.9	93.4	Once a week	13,125	(X)	35.7
Other races	2,433	13.2	6.6	Once every 2 weeks	3,714	(X)	10.1
				Once a month	5,230	(X)	14.2
14–17 years old	3,747	22.5	10.2	Only a few times	7,979	(X)	21.7
18–24 years old	4,641	18.3	12.6	Once only	2,758	(X)	7.5
25–44 years old	15,540	30.5	42.2	Other	3,884	(X)	10.6
45–64 years old	9,929	23.2	27.0				
65 years and over	2,955	14.3	8.0	Volunteer work per year [1]—			
				Less than 25 hours	13,638	(X)	37.0
Employed	21,842	24.8	59.3	25–99 hours	12,578	(X)	34.2
Unemployed	853	17.0	2.3	100–299 hours	7,700	(X)	20.9
Not in labor force	14,117	22.2	38.3	300 hours or more	2,737	(X)	7.4

X Not applicable. [1] Excludes not reported.

Source: U.S. ACTION, *Americans Volunteer, 1974.*

NO. 589. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1960 TO 1979

[**In billions of dollars.** Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970,* series H 398-411, for similar but not comparable data]

SOURCE AND ALLOCATION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total funds	**9.4**	**13.3**	**20.7**	**25.6**	**27.7**	**29.7**	**32.5**	**36.0**	**40.1**	**43.3**
Individuals	7.6	10.4	15.9	20.4	22.3	24.2	26.6	29.3	32.8	36.5
Foundations	.7	1.1	1.9	2.0	2.1	2.0	2.1	2.0	2.6	2.2
Corporations	.5	.8	.8	1.2	1.2	1.2	1.5	1.7	2.1	2.3
Charitable bequests	.6	1.0	2.1	2.0	2.1	2.2	2.4	3.0	2.6	2.2
Allocation:										
Religion	4.8	6.5	9.3	10.5	11.9	12.9	14.2	16.9	18.5	20.1
Education	1.5	2.3	3.2	4.1	4.1	4.0	4.5	4.8	5.6	6.0
Health and hospital	1.1	1.5	3.4	4.2	4.3	4.4	4.9	4.9	5.5	6.0
Social Welfare	1.4	1.9	2.9	3.1	3.1	3.1	3.2	3.5	4.0	4.4
Arts and humanities	.2	.2	.6	1.3	1.3	1.7	2.3	2.3	2.5	2.7
Civic and public	.1	.2	.4	.6	.8	.9	1.1	1.2	1.2	1.2
Other	.3	.8	.9	1.9	2.2	2.7	2.4	2.5	2.5	2.9

Source: American Association of Fund-Raising Counsel, Inc., New York, N.Y., *Giving USA,* annual. (Copyright.)

NO. 590. AMERICAN RED CROSS—SUMMARY: 1960 TO 1979

[For years ending **June 30**]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Membership (contributors of $1 or more) [1]	1,000	23,900	28,222	33,587	30,045	30,044	33,065	34,375	(NA)
Red Cross chapters	Number	3,665	3,448	3,240	3,142	3,135	3,128	3,124	3,108
Community volunteers [1]	1,000	2,000	2,000	2,310	1,371	1,387	1,441	1,383	1,357
Students participating in R.C. school programs.	1,000	(NA)	(NA)	6,820	6,191	6,395	6,109	5,708	5,590
Blood donors—R.C. and community services [1].	1,000	(NA)	(NA)	(NA)	4,262	3,800	3,752	3,761	3,855
Income, total	Mil. dol	96.0	105.0	147.1	248.7	285.1	347.3	377.8	426.9
Fund campaign contributions	Mil dol	83.3	90.5	124.4	125.6	129.3	135.4	141.8	152.1
Blood services, U.S. Govt. research grants [2].	*Mil. dol*	([3])	([3])	([3])	88.7	118.9	168.7	190.2	222.8
Other [4]	Mil dol	12.7	14.6	22.7	34.5	36.9	43.2	45.8	52.0
Expenditures, total	Mil. dol	86.7	108.1	149.4	237.3	276.4	312.0	358.6	398.2
Services to Armed Forces, veterans, and families.	Mil dol	33.6	39.1	56.8	52.7	51.0	46.4	46.7	48.8
Disaster services	Mil dol	6.5	15.8	32.6	22.0	42.3	29.2	33.1	36.6
Blood services	Mil dol	[3] 12.6	[3] 15.9	[3] 15.3	100.3	114.8	159.6	193.4	217.8
Community health and safety services	Mil dol	7.2	8.8	10.0	16.9	17.3	19.9	23.4	25.8
Service and program assistance to chapters.	Mil dol	5.1	4.7	5.4	([5])	8.8	8.7	9.8	10.8
Youth service activities	Mil dol	3.5	4.6	5.0	5.3	5.1	5.1	6.1	6.1
Community volunteer services	Mil dol	.6	.7	1.2	11.1	11.1	13.0	14.0	16.2
International services [6]	Mil dol	2.5	3.4	4.1	1.3	1.3	1.7	1.9	2.3
Membership and fund raising	Mil dol	3.1	3.0	2.8	4.5	4.6	5.8	5.9	6.5
Management and general	Mil dol	12.0	12.1	12.8	18.2	20.1	22.6	24.3	27.3
Land, bldgs., acquisition, capital improvements.	Mil dol	(NA)	(NA)	3.3	4.9	(NA)	(NA)	(NA)	(NA)
Major activities:									
Loans and grants to servicemen, veterans, and their families (most loans are repaid).	Mil. dol	11.2	11.7	13.5	11.2	10.9	10.3	11.0	12.0
Disaster services:									
Disaster relief operations	Number	325	435	688	1,023	1,005	963	1,341	2,446
Disaster incidents [7]	1,000	(NA)	11.9	20.4	31.0	31.0	35.9	36.8	38.1
Persons given emergency care	1,000	108	654	398	278	321	321	626	494
Families assisted, disaster situations	1,000	14.9	47.2	74.6	22.3	64.6	35.8	47.7	43.2
Red Cross blood services:									
Blood voluntarily donated	1,000 units	2,422	2,775	3,175	4,291	4,690	4,946	5,055	5,215
Hospitals and blood banks served	Number	4,000	4,300	4,100	4,117	4,092	4,136	4,419	4,400
Certificates issued: Nursing and health	1,000	212	308	404	547	528	537	583	576
First aid, small craft, water safety	1,000	2,738	3,605	3,955	4,399	4,532	4,664	5,047	5,167

NA Not available. [1] Estimated. [2] Includes civilian and Federal hospital participation fees and other. [3] Expenditures reported net of income. [4] Primarily income from endowment and other invested funds, legacies, and restricted contributions. [5] Allocated to service cost. [6] 1960-1970 includes public relations costs which were allocated to service costs beginning 1975. [7] Mainly involving a small number of families.

Source: American Red Cross, Washington, D.C., *Annual Report.*

NO. 591. FOUNDATIONS—NUMBER AND FINANCES, STATES AND OTHER AREAS

[Figures are for latest year reported by foundations, usually 1977 or 1978. A foundation may be defined as a nongovernmental, nonprofit organization, with funds and programs managed by its own trustees or directors, and established to maintain or aid social, educational, charitable, religious, or other activities serving the common welfare, primarily by making grants. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, are restricted by charter solely to aiding one or several named institutions, or which are captive trusts, within colleges, churches, or other organizations, or are small—defined as having neither assets of $1,000,000 nor making grants of at least $100,000 in the latest year of record. There were approximately 18,500 small grant-making foundations]

STATE	Number	FINANCES (mil. dol.)			STATE	Number	FINANCES (mil. dol.)		
		Assets	Expenditures	Grants			Assets	Expenditures	Grants
Total	**3,138**	**32,359**	**2,373**	**2,060**	Minnesota	91	962	82	66
					Missouri	81	470	37	34
Alabama	17	57	5	4	Nebraska	13	38	4	3
Arizona	13	79	5	3	Nevada	1	95	7	6
Arkansas	10	36	2	2	New Hampshire	14	28	2	2
California	249	2,145	150	129	New Jersey	75	1,417	98	89
Colorado	34	334	17	15	New York	667	10,410	775	680
Connecticut	73	568	49	44	North Carolina	54	415	28	24
Delaware	32	305	16	12					
District of Columbia	35	321	34	21	Ohio	224	1,253	111	98
					Oklahoma	37	559	36	28
Florida	56	367	19	16	Oregon	24	91	6	5
Georgia	64	447	32	26	Pennsylvania	212	2,631	180	157
Hawaii	14	108	5	5	Rhode Island	16	79	6	5
Illinois	207	1,296	106	97	South Carolina	19	90	8	7
Indiana	48	805	59	52	Tennessee	28	229	14	12
Iowa	21	84	8	7					
Kansas	19	55	5	4	Texas	175	2,088	151	127
					Utah	11	29	3	2
Kentucky	8	120	8	6	Virginia	42	125	11	9
Louisiana	24	102	7	5	Washington	35	247	18	16
Maryland	39	161	12	9	Wisconsin	74	361	35	30
Massachusetts	135	601	44	39	Other States and Puerto Rico	36	106	7	5
Michigan	111	2,644	172	159					

Source: The Foundation Center, New York, N.Y., unpublished data.

NO. 592. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD: 1973 TO 1979

[Number and type of foundations reporting varies from year to year. Based on reports of about 400 foundations reporting their grants by subject field which in any given year accounts for about 35 percent of all dollars given by all foundations and about 65 percent of all grants of $5,000 or more in size. Covers grants of $5,000 or more. See headnote, table 591, for definition of foundation]

SUBJECT FIELD	AMOUNT (mil. dol.)							PERCENT						
	1973	1974	1975	1976	1977	1978	1979	1973	1974	1975	1976	1977	1978	1979
Total	**716**	**701**	**677**	**752**	**770**	**822**	**1,089**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Education	258	199	177	217	200	233	312	36	28	26	29	26	28	29
Health	172	138	162	141	167	164	212	24	20	24	19	22	20	20
Sciences	87	87	105	125	135	141	211	12	12	16	17	17	17	19
Welfare	67	109	80	104	100	132	144	9	16	12	14	13	16	13
Humanities	57	78	65	81	66	87	118	8	11	9	11	9	11	11
Internat'l activities	66	76	75	72	85	49	70	9	11	11	9	11	6	6
Religion	9	14	13	12	17	16	22	2	2	2	1	2	2	2

Source: The Foundation Center, New York, N.Y., *Foundation Grants Index*, annual, and unpublished data.

NO. 593. UNITED WAY CAMPAIGN FUNDS RAISED, BY MAJOR DONOR: 1960 TO 1979

[In millions of dollars. "Campaign": A series of operations or systematic effort to reach a desired result or "goal"]

MAJOR DONOR GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**457**	**598**	**788**	**916**	**979**	**1,023**	**1,104**	**1,205**	**1,318**	**1,423**
Corporations	159	194	225	260	271	281	293	301	331	394
Individuals:										
At workplace	231	349	478	560	601	643	700	783	893	931
Residential	67	22	37	36	36	40	34	33	33	34
Other		33	48	60	71	59	77	88	61	64

Source: United Way of America, Alexandria, Va., unpublished data.

1980
101st EDITION

Section 12

National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel, ships, and aircraft; Selective Service operations; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and other reports issued by the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, and Air Force, and the National Guard Bureau; the Selective Service System; *Annual Report of Administrator of Veterans Affairs,* Veterans Administration; and *The Budget of the United States Government,* Office of Management and Budget. For more data on expenditures, personnel, and ships, see Section 33.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the military departments (Army, Navy, Air Force), and the defense agencies (e.g., Defense Logistics Agency). The Secretary of Defense is appointed from civil life by the President and must be confirmed by the U.S. Senate. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified (e.g., the overseas commands in Europe and the Pacific where Army, Navy, and Air Force activities are unified under command of a single person) and specified commands (e.g., Strategic Air Command).

The Joint Chiefs of Staff are the principal military advisers to the Secretary of Defense, the President, and the National Security Council. Members, who are the senior military officers of their respective services, are responsible for keeping the Secretary of their respective military departments informed on matters considered or acted upon by the Joint Chiefs of Staff. The chairman is the highest ranking U.S. military officer.

Each military department is separately organized under its own Secretary who is responsible to the Secretary of Defense for the operation of that department. Commanders of unified and specified commands are responsible to the President and the Secretary of Defense for missions assigned to them.

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is also empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal or State authority in any State.

Selective Service.—The Selective Service System (SSS) is responsible for the registration and processing of persons for induction into the Armed Forces whenever inductions are authorized by law. It is also authorized to determine availability of members of the Standby Reserve of the Armed Forces for order to active duty in time of war or national emergency. In addition, the SSS is responsible for determining whether a person's legal obligation may be fulfilled by alternative service (e.g., hospital work). The termination of examinations and inductions on July 1, 1973, was followed by a suspension of registration on April 1, 1975. All classification actions were terminated on January 27, 1976.

Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with service during periods of war or armed conflict and include those living outside the United States. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

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

No. 594. Federal Budget Outlays for National Defense and Veterans Benefits and Services: 1950 to 1981

[Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series Y 472–473 and Y 476, for related data]

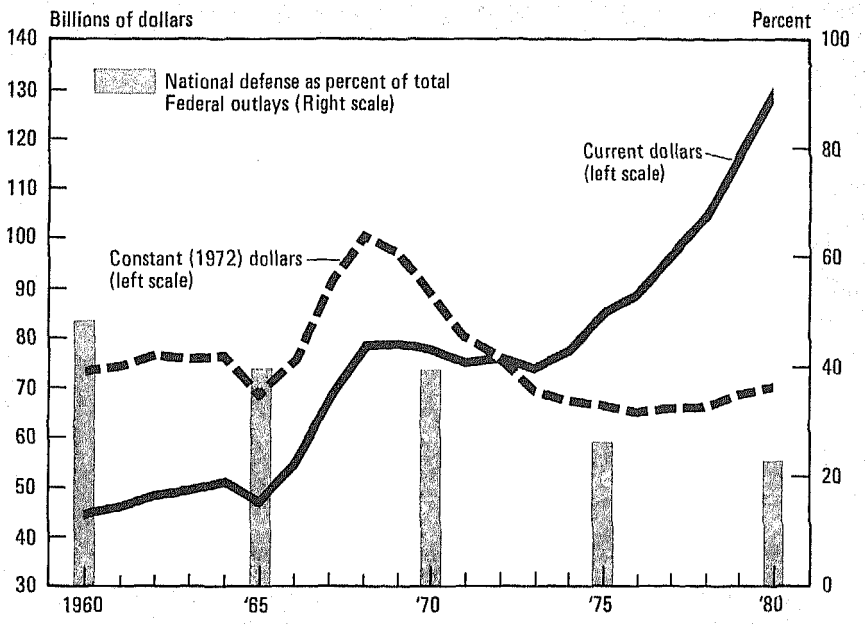
YEAR	Total Federal outlays, all functions (bil. dol.)	Total national defense and veterans outlays (bil. dol.)	NATIONAL DEFENSE OUTLAYS								VETERANS BENEFITS	
			Current dollars				Constant (1972) dollars		Southeast Asia [2]		Total outlays (bil. dol.)	Percent of total Federal outlays
			Total (bil. dol.)	Annual percent change	Percent of— Federal outlays	Percent of— GNP [1]	Total (bil. dol.)	Annual percent change	Full costs [3] (bil. dol.)	Incremental costs [4] (bil. dol.)		
1950	42.6	21.2	12.4	[5] −31.4	29.1	4.7	29.4	[5] −34.9	(x)	(x)	8.8	20.7
1955	68.5	44.5	39.8	26.3	58.1	10.5	75.8	20.9	(x)	(x)	4.7	6.9
1960	92.2	50.6	45.2	2.6	49.0	9.1	73.8	−.5	(x)	(x)	5.4	5.9
1962	106.8	54.7	49.0	4.1	45.9	9.0	77.2	2.3	(x)	(x)	5.6	5.3
1963	111.3	55.7	50.1	2.2	45.0	8.7	76.8	−.5	(x)	(x)	5.5	5.0
1964	118.6	57.2	51.5	2.8	43.4	8.4	77.0	.3	(x)	(x)	5.7	4.8
1965	118.4	53.2	47.5	−7.8	40.1	7.2	69.3	−10.0	.1	.1	5.7	4.8
1966	134.7	60.8	54.9	15.6	40.8	7.6	76.3	10.1	5.8	5.8	5.9	4.4
1967	158.3	75.1	68.2	24.2	43.1	8.8	92.0	20.6	20.1	18.4	6.9	4.4
1968	178.8	85.6	78.8	15.5	44.1	9.5	101.4	10.2	26.5	20.0	6.9	3.9
1969	184.5	87.1	79.4	.8	43.0	8.8	97.9	−3.5	28.8	21.5	7.6	4.1
1970	196.6	87.2	78.6	1.0	40.0	8.2	90.3	−7.8	23.1	17.4	8.7	4.4
1971	211.4	85.6	75.8	−3.6	35.9	7.4	81.2	−10.1	14.7	11.5	9.8	4.6
1972	232.0	87.3	76.6	1.1	33.0	6.9	76.6	−5.7	9.4	7.2	10.7	4.6
1973	247.1	86.6	74.5	−2.7	30.1	6.0	70.0	−8.6	6.3	5.3	12.0	4.9
1974	269.6	91.2	77.8	4.4	28.9	5.7	67.9	−3.0	3.1	2.7	13.4	5.0
1975	326.2	102.2	85.6	10.0	26.2	5.9	67.2	−1.0	1.4	1.1	16.6	5.1
1976	366.4	107.9	89.4	4.4	24.4	5.5	65.6	−2.4	.3	.3	18.4	5.0
1976, TQ [6]	94.7	26.3	22.3	(X)	23.5	(NA)	15.9	(X)	.3	.1	4.0	4.2
1977	402.7	115.5	97.5	9.1	24.2	5.3	66.5	1.4	(X)	(X)	18.0	4.5
1978	450.8	124.2	105.2	7.9	23.3	4.8	66.6	.2	(X)	(X)	19.0	4.2
1979	493.7	137.6	117.7	11.9	23.8	5.1	69.3	4.1	(X)	(X)	19.9	4.0
1980, est	563.6	151.2	130.4	10.8	23.1	5.2	70.7	2.0	(X)	(X)	20.8	3.7
1981, est	615.8	167.9	146.2	12.1	23.7	5.3	73.2	3.5	(X)	(X)	21.7	3.5

NA Not available. X Not applicable. [1] Gross national product; for definition, see text, p. 435. [2] Source: U.S. Dept. of Defense, Office of the Comptroller, *The Economics of Defense Spending, A Look at the Realities,* July 1972, and unpublished data. [3] Included in national defense outlays total. [4] Incremental war cost figures reflect estimated costs being incurred over and above normal peacetime operating costs of base line force. [5] Change from prior year shown; for 1950, change from 1945. [6] Transition quarter, July–Sept.

Source: Except as noted, U.S. Office of Management and Budget, *The Budget of the United States Government,* annual, and unpublished data.

Figure 12.1

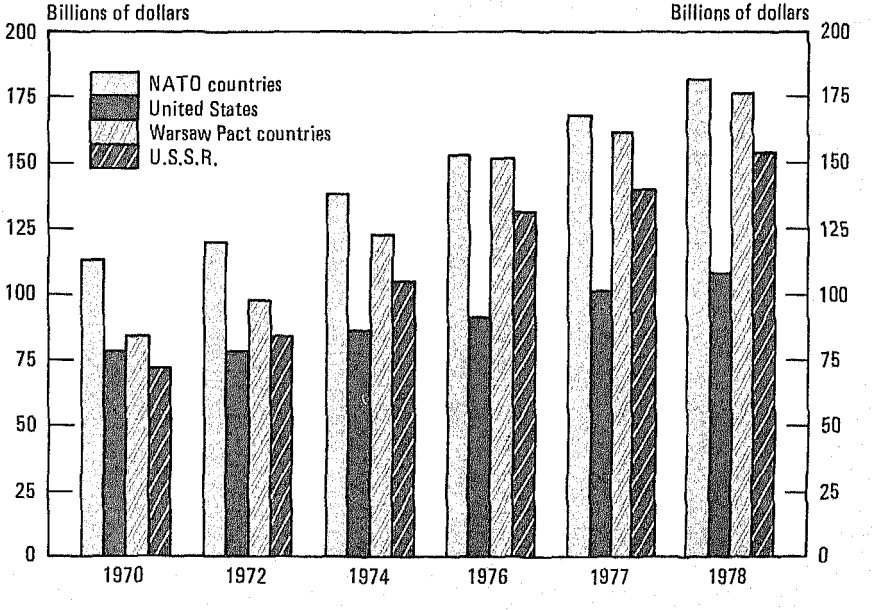
Federal Budget Outlays for National Defense: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 594.

Figure 12.2

Worldwide Military Expenditures: 1970 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 598.

NO. 595. BUDGET OUTLAYS FOR NATIONAL DEFENSE FUNCTIONS: 1965 TO 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** 1980 data are estimates. See *Historical Statistics, Colonial Times to 1970,* series Y 473, for total]

DEFENSE FUNCTION	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	**47.5**	**79.4**	**78.6**	**75.8**	**76.6**	**74.5**	**77.8**	**85.6**	**89.4**	**97.5**	**105.2**	**117.7**	**130.4**
Percent change [1]	1.0	13.7	−1.0	−3.6	1.1	−2.7	4.4	10.0	4.4	9.1	7.9	11.9	10.8
Defense Dept., military	45.9	77.8	77.1	74.5	75.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	127.4
Military personnel	13.4	21.4	23.0	22.6	23.0	23.2	23.7	25.0	25.1	25.7	27.1	28.4	30.6
Percent of military	29.2	27.5	29.8	30.3	30.6	31.7	30.5	29.4	28.6	26.9	26.3	24.7	24.0
Active forces	12.7	20.5	22.0	21.4	21.6	21.7	22.1	23.2	23.3	23.9	25.1	26.3	28.2
Reserve forces	.7	.9	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.4
Military retirees	1.4	2.4	2.8	3.4	3.9	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9
Operation, maintenance	12.3	22.2	21.6	20.9	21.7	21.1	22.5	26.3	27.8	30.6	33.6	36.4	40.9
Procurement [2]	11.8	24.0	21.6	18.9	17.1	15.7	15.2	16.0	16.0	18.2	20.0	25.4	27.6
Army	1.8	6.1	5.2	4.4	3.9	2.8	2.6	2.5	1.4	2.6	3.2	4.5	5.0
Navy [3]	4.9	8.5	7.9	7.3	7.1	7.0	7.3	8.1	8.0	8.5	9.2	11.8	12.6
Air Force	5.1	9.3	8.4	7.1	6.0	5.8	5.4	5.3	6.5	6.9	7.3	8.9	9.7
Research & development	6.2	7.5	7.2	7.3	7.9	8.2	8.6	8.9	8.9	9.8	10.5	11.2	12.9
Military construction	1.0	1.4	1.2	1.1	1.1	1.1	1.4	1.5	2.0	1.9	1.9	2.1	2.1
Family housing	.6	.6	.6	.6	.7	.7	.9	1.1	1.2	1.4	1.4	1.5	1.6
Other [4]	−.9	−1.7	−1.0	−.3	−.3	−1.1	−.2	−.1	−.4	−.2	−.8	−.2	−.3
Atomic energy activities [5]	1.6	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.9	2.1	2.5	3.0
Defense-related activities [6]	-	.3	.1	-	.1	.1	−1.2	−.8	-	-	.2	.1	(Z)

- Represents zero. Z Less than $50 million. [1] Average annual percent change. For 1965, change from 1960. [2] Includes other defense agencies not shown separately. [3] Includes Marine Corps. [4] Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. [5] Defense activities only. [6] Includes civil defense activities.

NO. 596. DEPARTMENT OF DEFENSE—FUNDS AVAILABLE AND OUTLAYS: 1965 TO 1980

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** 1980 data are estimates. See *Historical Statistics, Colonial Times to 1970,* series Y 458-460 for outlays]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Funds available	**64.2**	**93.5**	**90.5**	**85.8**	**88.8**	**92.7**	**95.9**	**102.9**	**114.8**	**131.0**	**139.8**	**151.1**	**166.0**
New oblig. authority	50.5	78.3	75.4	72.6	76.8	79.6	82.9	87.6	97.9	110.7	118.1	127.8	141.5
Military	49.2	77.0	74.2	71.2	75.1	77.6	81.1	85.8	95.7	108.4	115.3	125.0	138.6
Civil	1.3	1.3	1.2	1.3	1.6	2.0	1.8	1.8	2.2	2.3	2.8	2.8	2.9
Unobligated balance	13.8	15.2	15.1	13.2	12.1	13.1	13.0	15.3	16.9	20.3	21.7	23.3	24.5
Military	13.6	14.9	14.8	13.0	11.9	12.7	12.6	15.1	16.7	20.0	21.3	23.0	24.4
Civil	.1	.3	.3	.2	.2	.4	.4	.2	.2	.3	.4	.3	.1
Outlays (DOD) [1]	**47.1**	**79.1**	**78.3**	**75.9**	**76.6**	**74.9**	**79.3**	**87.0**	**90.0**	**97.9**	**105.6**	**117.9**	**130.6**
Percent of funds avail.	73.4	84.6	86.5	88.5	86.2	80.7	82.7	84.5	78.3	74.7	75.5	78.0	78.6
Military	45.9	77.8	77.1	74.5	75.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	127.4
Civil [1]	1.2	1.3	1.2	1.4	1.5	1.7	1.7	2.1	2.1	2.3	2.6	2.9	3.2

[1] Includes nondefense civil outlays by other departments.

Source of tables 595 and 596: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

NO. 597. DEPARTMENT OF DEFENSE OUTLAYS, BY BRANCH OF SERVICE: 1965 TO 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Excludes civil functions. Includes military assistance to foreign countries and other negative entries; therefore, outlays may be lower than those from Office of Management and Budget. See also *Historical Statistics, Colonial Times to 1970,* series Y 458-460]

YEAR	OUTLAYS (mil. dol.)					PERCENT DISTRIBUTION			
	Total	Army	Navy	Air Force	Other	Army	Navy	Air Force	Other
1965	47,098	11,552	13,339	18,146	4,061	24.5	28.3	38.5	8.6
1970	78,349	25,147	22,656	25,233	5,313	32.1	28.9	32.2	6.8
1972	76,674	23,473	22,736	24,845	5,620	30.6	29.7	32.4	7.3
1973	74,473	21,140	22,985	24,538	5,811	28.4	30.9	32.9	7.8
1974	77,651	22,371	24,616	25,736	4,927	28.8	31.7	33.1	6.4
1975	84,988	23,678	28,299	26,709	6,303	27.9	33.3	31.4	7.4
1976	87,950	25,025	30,404	28,248	4,272	28.5	34.6	32.1	4.9
1977	94,810	24,231	31,267	28,356	10,936	25.6	33.0	29.9	11.5
1978	102,682	26,250	33,573	29,344	13,515	25.6	32.7	28.6	13.2
1979	113,464	29,068	37,951	32,506	13,939	25.6	33.4	28.6	12.3

Source: U.S. Dept. of the Treasury, Office of the Secretary, *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government,* annual.

No. 598. Worldwide Military Expenditures: 1969 to 1978

[For military expenditures and armed forces by country, see tables 1599 and 1600. GNP=Gross national product]

Country group	Military expenditures (bil. dol.)										Per capita (dol.)		
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1970	1975	1978
IN CURRENT DOLLARS													
Worldwide, total [1]	**236.0**	**247.5**	**259.8**	**278.7**	**301.2**	**339.5**	**383.0**	**411.5**	**439.1**	**479.9**	**68**	**93**	**111**
United States	81.4	77.9	74.9	77.6	78.4	85.9	90.9	91.0	100.9	108.4	379	424	494
Percent of total	34	31	29	28	26	25	24	22	23	23	(X)	(X)	(X)
Developed countries [2]	197.3	202.2	209.8	224.0	238.5	268.2	295.4	314.0	339.3	370.3	202	283	348
Developing countries [2]	38.8	45.2	50.0	54.7	62.6	71.3	87.6	97.6	99.8	109.6	17	28	33
NATO countries [3]	114.9	113.1	113.5	119.9	123.8	137.6	148.1	152.6	167.5	181.7	212	266	320
Warsaw Pact countries	77.3	83.7	90.5	97.8	108.1	123.0	138.9	152.3	161.7	177.4	241	385	480
Soviet Union	66.4	72.0	77.5	83.7	92.3	105.3	119.2	131.1	139.6	153.6	296	469	588
IN CONSTANT (1977) DOLLARS													
Worldwide, total [1]	**383.4**	**382.3**	**381.8**	**393.4**	**402.1**	**414.2**	**426.5**	**435.4**	**439.1**	**446.7**	**105**	**104**	**103**
United States	132.3	120.3	110.0	109.6	104.6	104.8	101.3	96.3	100.9	100.9	586	473	460
Percent of total	35	31	29	28	26	25	24	22	23	23	(X)	(X)	(X)
Developed countries [2]	320.4	312.4	308.4	316.2	318.5	327.2	328.9	332.2	339.3	344.7	313	315	324
Developing countries [2]	63.0	69.9	73.4	77.2	83.6	87.0	97.6	103.2	99.8	102.0	26	32	31
NATO countries [3]	186.6	174.7	166.9	169.3	165.2	167.8	164.9	161.5	167.5	169.1	328	297	298
Warsaw Pact countries	125.5	129.4	133.0	138.0	144.3	150.1	154.6	161.2	161.7	165.1	373	429	447
Soviet Union	107.9	111.2	113.9	118.1	123.2	128.5	132.7	138.7	139.6	143.0	457	522	547
As percent of GNP: [4]													
Worldwide, total	6.7	6.3	6.1	5.9	5.7	5.7	5.8	5.6	5.5	5.4	(X)	(X)	(X)
United States	8.7	7.9	7.0	6.6	6.0	6.1	5.9	5.3	5.3	5.1	(X)	(X)	(X)
Developed countries [2]	6.8	6.4	6.1	5.9	5.6	5.7	5.7	5.5	5.4	5.3	(X)	(X)	(X)
Developing countries [2]	6.0	6.1	6.0	5.9	5.9	5.8	6.1	6.2	5.7	5.5	(X)	(X)	(X)
NATO countries [3]	6.2	5.7	5.3	5.1	4.7	4.8	4.7	4.4	4.4	4.3	(X)	(X)	(X)
Warsaw Pact countries	12.1	11.7	11.5	11.6	11.3	11.3	11.3	11.3	11.0	10.8	(X)	(X)	(X)

X Not applicable. [1] Includes countries not shown separately. [2] 28 developed countries: All those in North America, in Oceania, in NATO (except Greece and Turkey), in the Warsaw Pact (except Bulgaria), and also Austria, Finland, Ireland, Japan, South Africa, Sweden, and Switzerland; 114 developing countries: All those in Latin America, in the Near East, in South Asia, in East Asia (except Japan), in Africa (except South Africa), and also Albania, Bulgaria, Greece, Malta, Spain, Turkey, and Yugoslavia. [3] North Atlantic Treaty Organization. [4] In constant dollars.

No. 599. Value of Arms Exports and Imports, Supplier and Recipient Countries, in Constant (1977) Dollars: 1969 to 1978

[In millions of constant (1977) dollars]

Country	1969–1971	1972–1975	1976	1977	1978
World, total [1]	**27,917**	**60,669**	**17,352**	**19,300**	**19,177**
SUPPLIERS					
Canada	881	704	127	70	74
China, Mainland	902	1,876	148	110	130
Czechoslovakia	523	1,550	465	600	744
France	885	3,789	1,058	1,300	1,256
Germany, Fed. Rep of	646	1,374	687	850	814
Poland	723	924	243	240	325
Soviet Union	6,454	20,623	5,607	6,500	6,609
United Kingdom	711	2,719	820	950	1,024
United States	15,470	23,051	6,242	6,900	6,237
RECIPIENT COUNTRIES					
Developed [1]	8,375	16,972	4,412	4,115	3,640
Australia	391	537	84	140	232
Canada	153	668	190	170	214
Czechoslovakia	370	1,471	317	250	102
German Dem. Rep	602	2,231	581	500	270
Germany, Fed. Rep. of	1,179	3,155	555	470	269
Hungary	184	782	222	170	242
Italy	311	612	179	150	121
Japan	322	370	190	130	158
Poland	555	1,742	412	370	149
Romania	184	668	148	170	223
Soviet Union	925	1,221	402	525	768
United Kingdom	747	470	253	150	139
United States	870	752	116	120	111

Country	1969–1971	1972–1975	1976	1977	1978
RECIPIENT COUNTRIES Cont.					
Developing [1]	19,541	43,693	12,940	15,185	15,537
Algeria	120	191	338	460	581
Brazil	184	428	190	140	148
Cambodia	173	1,019	5	10	37
China: Taiwan	1,074	509	169	180	176
Cuba	106	341	137	100	288
Egypt	1,696	2,579	158	220	214
Greece	870	618	555	480	279
India	733	969	518	725	260
Indonesia	75	102	84	60	83
Iran	1,074	3,996	2,221	2,400	1,955
Iraq	248	2,544	1,058	1,500	1,396
Israel	996	2,712	1,058	1,100	884
Jordan	263	257	148	120	158
Korea, North	357	833	84	110	18
Korea, Rep. of	1,252	1,013	359	290	512
Laos	366	529	(NA)	40	(NA)
Libya	270	1,437	1,058	1,200	1,768
Nigeria	62	178	52	10	37
Pakistan	294	560	201	220	158
Peru	151	434	243	420	139
Saudi Arabia	204	953	497	925	930
Spain	287	557	190	290	102
Syria	334	3,559	555	775	768
Turkey	1,157	703	328	140	195
Vietnam, Socialist Rep	1,282	2,325	42	5	-
Vietnam, South	4,105	7,559	(2)	(2)	(2)

– Represents zero. NA Not available. [1] Includes countries, not shown separately. [2] Absorbed by Vietnam Socialist Republic in 1976.

Source of tables 598 and 599: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 600. ESTIMATES OF TOTAL DOLLAR COSTS OF AMERICAN WARS, BY RANK

[In millions of dollars, except percent. Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits except as noted]

WAR	ORIGINAL INCREMENTAL COSTS [1]		SERVICE-CONNECTED VETERANS' BENEFITS		INTEREST PAYMENTS ON WAR LOANS		Estimated current cost to 1979
	Constant dollars (1967)	Current dollars	Total cost under present programs	Cost to Sept. 1, 1978 [2]	Total cost to 1979 [3]	Percent of original incremental costs	
World War II	546,490	288,000	([4])	54,212	200,000	69	542,212
Vietnam conflict	106,526	111,000	([4])	7,762	3,000	3	121,762
Korean conflict	67,925	54,000	([4])	8,777	7,500	14	70,277
World War I	57,650	26,000	([4])	13,152	11,000	43	50,152
Civil War (Union only)	6,957	[5] 3,200	3,300	3,289	1,200	60	7,689
Spanish-American War	1,600	400	2,500	2,089	60	15	2,549
American Revolution	([4])	100	28	28	20	20	148
War of 1812	182	93	20	20	14	15	127
Mexican War	270	73	26	26	10	14	109

[1] Except for Korean and Vietnam conflicts, original incremental costs are outlays for national security during war years minus average annual outlay for preceding five years. Vietnam conflict estimate is from Dept. of Defense and represents incremental costs from 1965-1979. Korean conflict estimate uses running average of national security outlays from 1948-1950 as a base, and then includes additional outlays over this base for 1951-1952 and one-half increase for 1953. This 50 percent figure for 1953 is used because outlays for the Cold War increased at same time outlays for Korean conflict declined. [2] For World War I and later wars, benefits are actual service-connected figures from 1978 *Annual Report* of Veterans Administration. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. [3] Interest costs use same formula as in footnote 1. [4] Unknown. [5] Data from Goldin and Lewis, *The Economic Cost of the American Civil War, Journal of Economic History,* June 1975. Expenditures by Confederate Government are estimated by this study at $1 billion.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities,* Part 1, 91st Congress, 1st session (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

NO. 601. U.S. MILITARY SALES AND ASSISTANCE TO FOREIGN GOVERNMENTS: 1950 TO 1979

[In millions of dollars, except as indicated. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. Military Assistance Program (MAP) authorized by Foreign Assistance Act of 1961, as amended. MAP grant aid deliveries represent military equipment and supplies delivered and expenditures for services. Military Assistance Service Funded Program (MASF) aid, for 1966-1976, was used for providing military equipment and related services and training to countries engaged in hostilities in Southeast Asia. International Military Education and Training (IMET) program data, pursuant to new legislation under Foreign Assistance Act, as amended, show grant aid training of foreign military personnel as an independent program as of fiscal year 1976; training data, formerly provided under MAP and MASF, have been removed from MAP/MASF programs and included as an integral part of IMET]

ITEM	1950-1959	1960-1969	1970-1979 [1]	1972	1973	1974	1975	1976	1977	1978	1979
Military sales agreements	1,624	10,199	85,407	2,981	5,305	10,381	15,831	14,817	8,794	11,746	13,025
Weapons and ammunition [2]	4,684		29,026	1,568	1,576	4,799	5,729	3,495	3,187	4,740	3,053
Combat aircraft	1,507		14,527	1,079	916	2,417	3,798	1,152	969	2,919	772
Missiles	820		5,559	132	412	434	604	1,025	788	957	949
Ammunition	772		3,428	183	178	541	650	420	478	449	353
Combat vehicles	1,014		3,481	146	33	911	380	468	394	195	842
Support equipment [3]	2,176		6,760	292	653	944	962	939	542	844	1,219
Spare parts and modifications	2,921		14,860	578	996	1,626	2,652	1,853	1,760	2,110	2,539
Support services	2,042		34,761	543	2,080	3,012	6,487	8,532	3,306	4,053	6,214
Military sales deliveries	1,141	6,718	40,472	1,460	1,513	3,185	3,533	5,860	7,075	7,732	7,399
Military assistance programs [4]	22,139	15,137	16,441	3,473	4,209	1,529	1,050	265	245	219	224
Military assistance program deliveries [4]	20,957	14,687	17,430	3,170	4,770	1,832	1,811	364	108	228	171
Military sales financing	172	1,584	18,098	548	531	2,889	849	2,785	1,911	2,101	5,673
IMET program	631	792	453	61	47	48	33	26	23	29	28
Students trained (1,000)	94	223	178	52	37	12	9	7	5	4	4

[1] Includes transition quarter, July-Sept. 1976. [2] Includes items not shown separately. [3] Includes aircraft, ships, support vehicles, communications equipment, and other supplies. [4] Includes Military Assistance Service Funded data.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales and Military Assistance Facts, December 1979,* and unpublished data.

No. 602. U.S. Military Sales Deliveries and Military Assistance Deliveries to Foreign Governments, by Country: 1960 to 1979

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP) and Military Assistance Service Funded Program (MASF); excludes training. For explanation of MAP and MASF programs, see headnote, table 601]

COUNTRY	MILITARY SALES DELIVERIES						MILITARY ASSISTANCE DELIVERIES					
	1960–1969	1970–1979 [1]	1976	1977	1978	1979	1960–1969	1970–1979 [1]	1976	1977	1978	1979
Total	**6,718.2**	**40,471.6**	**4,439.7**	**7,074.7**	**7,732.1**	**7,399.4**	**14,687.4**	**17,430.5**	**235.7**	**108.1**	**228.3**	**170.7**
Argentina	57.7	96.6	7.5	6.8	10.9	8.4	31.0	3.0	–	–	–	–
Australia	487.5	848.2	12.4	29.0	151.8	180.0	–	–	–	–	–	–
Austria	42.1	56.2	2.3	28.2	2.0	4.3	39.1	(z)	–	–	–	–
Belgium	76.4	231.9	6.1	5.8	27.8	147.6	99.2	–	–	–	–	–
Bolivia	.5	1.0	.3	(z)	.1	(z)	12.3	17.1	1.4	.9	3.8	.6
Brazil	61.9	184.3	40.2	8.5	8.0	8.7	120.8	8.3	–	–	–	–
Canada	308.2	605.3	76.0	66.2	73.6	76.9	–	–	–	–	–	–
Chile	18.5	150.3	24.0	56.0	11.2	8.2	48.4	4.0	–	–	–	–
China (Taiwan)	29.1	991.0	123.8	139.4	130.0	201.3	856.1	165.2	4.8	8.2	5.8	.5
Colombia	2.6	18.3	1.0	.9	2.0	5.1	58.9	6.3	–	–	–	(z)
Denmark	52.0	133.9	9.2	19.9	12.2	17.7	174.4	–	–	–	–	–
Dominican Rep	.9	.6	(z)	(z)	.1	(z)	9.3	6.4	.3	.2	(z)	(z)
Ecuador	2.7	35.4	3.9	8.9	7.8	12.8	17.9	2.7	–	–	–	–
Egypt	.1	281.9	–	10.5	50.8	220.5	–	–	–	–	–	–
Ethiopia	.2	90.5	11.3	65.5	–	–	86.6	69.2	9.3	5.1	–	–
France	258.9	81.2	8.2	5.2	4.4	3.5	118.1	–	–	–	–	–
Germany	2,471.1	3,252.9	374.1	316.1	231.9	266.8	104.4	–	–	–	–	–
Greece	22.7	1,175.4	236.3	261.3	127.5	127.0	619.9	149.8	.4	.2	.6	12.1
Guatemala	2.0	24.6	1.4	2.2	2.4	3.7	9.6	6.1	.3	.1	(z)	(z)
Honduras	.2	8.1	4.7	.4	.5	.9	3.3	1.7	.1	.2	.2	.1
India	19.3	12.8	2.6	1.4	1.2	1.3	86.7	3.6	.3	.1	.2	.1
Indonesia	.6	57.8	2.8	25.4	6.3	6.3	47.6	94.4	9.9	7.0	9.5	6.7
Iran [2]	237.8	9,502.6	1,418.0	2,424.7	1,907.4	924.5	437.4	26.2	–	–	–	–
Israel	158.9	5,587.4	662.4	860.2	864.5	415.5	–	–	–	–	–	–
Italy	322.8	395.0	32.8	38.1	28.7	35.5	496.2	–	–	–	–	–
Japan	179.6	299.4	13.5	26.4	41.7	43.0	313.0	–	–	–	–	–
Jordan	74.7	527.6	57.5	103.9	108.4	77.7	39.5	284.2	47.6	7.6	63.7	42.3
Kampuchea	–	–	–	–	–	–	28.2	1,094.0	–	–	–	–
Korea [3]	2.2	1,259.5	136.5	177.8	414.1	417.6	1,997.1	2,085.6	91.5	15.3	26.2	18.1
Kuwait	–	469.3	12.3	157.8	190.7	96.3	–	–	–	–	–	–
Laos [3]	–	–	–	–	–	–	413.1	1,002.7	–	–	–	–
Lebanon	1.7	24.4	1.4	.4	8.4	5.3	1.4	5.2	(z)	–	–	–
Liberia	.4	3.0	.7	.4	.1	.6	4.4	.8	(z)	(z)	(z)	(z)
Libya	17.3	12.3	–	–	(z)	–	11.2	(z)	–	–	–	(z)
Malaysia	3.9	56.6	12.4	2.3	3.4	3.5	–	–	–	–	–	–
Mexico	8.2	8.3	.7	3.6	.5	.4	(z)	–	–	–	–	–
Morocco	9.8	297.4	12.5	31.8	88.4	133.1	26.3	1.3	–	–	–	–
Netherlands	74.3	284.0	15.4	20.2	53.4	92.9	163.1	–	–	–	–	–
New Zealand	52.8	73.6	1.3	3.2	4.3	6.0	–	–	–	–	–	–
Nicaragua	.6	3.0	.5	.4	.8	(z)	3.2	3.6	.2	.1	.3	.1
Nigeria	.4	23.0	1.4	2.0	5.9	5.9	–	–	–	–	–	–
Norway	101.9	238.4	18.0	31.4	28.7	24.3	269.8	5.6	–	–	–	–
Pakistan	40.3	218.8	13.1	39.5	46.7	61.3	301.1	–	–	–	–	–
Panama	(z)	4.8	.8	.2	.2	.3	1.6	2.7	.2	.1	.2	.1
Paraguay	.1	.3	(z)	.2	(z)	(z)	4.3	4.8	.6	.3	.3	.1
Peru	16.4	110.0	28.5	26.1	13.7	11.9	50.3	1.6	–	–	–	–
Philippines [3]	3.5	122.7	12.9	32.3	34.6	26.7	200.4	121.4	11.7	4.3	12.0	6.5
Portugal	5.9	7.6	.5	.3	1.2	.9	44.2	36.7	.4	1.1	20.8	9.4
Saudi Arabia	126.6	8,449.1	644.3	1,501.5	2,369.2	2,521.1	13.4	–	–	–	–	–
Singapore	.8	131.8	6.4	15.2	9.8	82.2	–	–	–	–	–	–
South Vietnam	(z)	1.2	–	–	–	–	3,634.1	10,784.2	–	–	–	–
Spain	60.0	624.2	80.8	164.9	59.1	98.1	249.8	76.1	2.6	1.4	1.5	2.1
Sweden	29.7	39.3	.4	18.1	4.5	3.5	–	–	–	–	–	–
Switzerland	50.5	494.9	5.3	45.1	48.7	310.7	–	–	–	–	–	–
Thailand [3]	.5	273.8	17.6	17.7	95.3	89.5	435.6	443.7	18.7	10.4	12.2	6.6
Tunisia	1.6	48.0	.5	3.2	1.6	42.0	20.6	19.5	1.6	.2	.2	.2
Turkey	1.5	553.2	103.5	35.0	159.6	132.8	1,110.1	507.4	–	–	6.4	16.9
United Kingdom	948.4	1,245.5	143.2	104.2	103.9	246.5	165.9	–	–	–	–	–
Uruguay	1.5	15.0	1.0	5.3	1.2	1.0	17.3	6.1	.5	.2	.2	.2
Venezuela	71.9	130.1	6.7	44.3	4.4	5.8	(z)	–	–	–	–	–
Yemen	–	124.8	.2	20.9	27.3	74.6	–	–	–	–	–	–
Yugoslavia	8.9	2.7	.2	1.4	.2	.4	–	–	–	–	–	–
Zaire	1.4	44.5	2.8	7.4	10.9	4.2	20.0	3.3	–	–	–	–
Other countries	19.7	120.9	.8	1.8	87.8	68.4	75.3	8.9	.2	.1	.5	.1
Int'l organiz'ns	166.5	305.4	24.7	47.7	40.3	34.4	1,593.9	367.1	33.2	44.8	63.7	48.1

– Represents zero. Z Less than $50,000. [1] Includes transactions for the transition quarter, July–Sept. 1976. [2] Change between 1978 and 1979 reflects values adjusted for cancellation and program reductions agreed to by the governments of the United States and Iran. [3] Includes MAP and MASF Programs for military assistance deliveries.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales and Military Assistance Facts,* December 1979.

No. 603. Department of Defense Property: 1960 to 1979

[**In billions of dollars.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Excludes Civil Works Division, Chief of Engineers, Dept. of the Army]

DEPARTMENT AND TYPE OF PROPERTY	1960	1965	1970	1974	1975	1976	1977	1978	1979
Department of Defense [1]	**154.6**	**176.2**	**214.6**	**227.9**	**237.3**	**249.5**	**265.5**	**278.1**	**298.0**
U.S. and possessions [2]	123.5	136.1	160.2	177.9	197.1	201.1	211.2	218.6	232.3
Foreign countries and afloat [3]	31.2	40.1	54.4	50.0	40.2	48.4	54.4	59.5	65.7
Real property inventory	32.0	37.6	40.3	41.7	43.0	44.3	46.0	47.2	48.6
Construction in progess	2.4	1.4	1.8	2.9	4.2	3.9	4.1	4.4	5.9
Personal property inventory	120.2	137.2	172.5	183.3	190.1	201.3	215.5	226.5	243.5
Army	38.3	36.4	50.4	49.4	51.6	58.1	61.0	64.6	73.3
Personal property inventory	28.3	25.4	37.7	36.1	37.6	43.5	45.1	47.7	55.4
Navy (including Marine Corps)	57.4	69.7	85.4	90.8	100.9	99.1	108.1	113.1	120.3
Personal property inventory	47.5	59.0	72.9	76.8	85.2	83.5	92.3	97.2	103.1
Air Force	58.8	67.3	74.9	79.8	77.4	83.5	88.7	92.3	96.2
Personal property inventory	44.4	50.1	58.1	62.5	59.9	65.5	70.3	73.5	76.8

[1] Includes Defense agencies not shown *separately.* [2] Includes Reserve Naval Fleet. [3] Includes active fleet, supplies afloat, and organic property of Fleet Marine Force.

Source: U.S. Dept. of Defense, *Real and Personal Property of the Department of Defense,* annual.

No. 604. Department of Defense Military Procurement: 1960 to 1979

[**In billions of dollars.** Net values for years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes all new prime contracts, *debit or credit changes* in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total military procurement [1]	**23.7**	**28.0**	**36.0**	**36.9**	**40.1**	**45.8**	**46.9**	**55.6**	**65.2**	**69.3**
Department of the Army [2]	5.9	6.3	10.3	10.3	10.6	11.5	10.5	12.0	14.0	16.1
Department of the Navy	7.4	9.0	10.9	11.9	13.3	15.6	15.4	17.6	21.8	23.4
Department of the Air Force	10.4	9.7	10.7	10.7	11.1	12.9	15.1	18.0	19.9	20.5
With business firms for work in U.S. [1] [3]	21.3	25.3	31.2	30.6	33.2	37.1	37.6	45.6	52.6	57.0
Department of the Army [2]	4.9	5.5	8.6	7.6	7.6	8.5	8.4	9.6	10.7	12.2
Department of the Navy	6.7	6.3	9.5	10.7	11.9	13.4	12.9	15.2	19.3	20.9
Department of the Air Force	9.6	8.8	9.6	9.0	9.4	10.4	11.4	14.2	15.4	16.2
Advertised contract	3.0	4.7	3.9	3.5	3.0	3.4	3.2	3.9	3.8	4.0
Negotiated contract	18.3	20.6	27.3	27.1	30.2	33.7	34.4	41.7	48.8	52.7
With small business firms [4]	3.4	4.9	5.3	6.0	6.5	7.4	7.5	8.9	10.1	11.5
Intragovernmental [5]	.8	.6	1.6	3.0	3.3	5.0	6.2	6.2	7.5	7.2
Educational and nonprofit institutions	.4	.7	.7	.7	.8	.8	.9	.9	1.1	1.2
For work outside U.S	1.2	1.4	2.4	2.2	2.4	2.4	2.3	2.8	4.0	3.9

[1] Beginning 1965, includes agencies not shown separately. [2] Beginning 1965, includes defense agencies except Defense Logistics Agency. [3] *Includes Defense Logistics Agency,* contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas. [4] Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales.
[5] 1960 includes interservice purchases; thereafter, covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments.

Source: U.S. Dept. of Defense, Military Prime Contract Awards, annual.

No. 605. Civil Defense—Federal Matching Funds Utilized, and State and Local Government Expenditures: 1952 to 1979

[**In millions of dollars.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** States and outlying areas are required to match Federal funds on an equal basis]

FUNDS USED AND EXPENDITURES	1952-1979, total [1]	1952-1961	1962-1972	1973	1974	1975	1976	1977	1978	1979
Federal matching funds utilized [2]	643	102	262	33.1	37.1	45.2	39.7	41.4	37.0	40.1
Emergency operating centers	83	5	45	6.3	6.8	6.6	5.4	4.2	.3	.2
Supporting materials/maintenance and service	165	93	36	3.4	4.2	5.6	4.6	6.4	5.1	5.2
Personnel and administrative expense	395	4	179	23.3	26.0	27.9	29.7	30.8	31.6	34.7
State and local expenditures [3]	1,772	200	766	91.6	102.6	110.0	115.8	122.2	113.9	124.9

[1] Includes transition quarter, July-Sept., 1976. [2] Represents Federal matching fund payments made and outstanding obligations as of Sept. 30, 1979, for civil defense grant programs. [3] Includes funds from U.S. Govt.

Source: U.S. Federal Emergency Management Agency (formerly U.S. Defense Civil preparedness Agency), Financial Digest, 1951-1979, vol. 5.

No. 606. Department of Defense (DOD) Purchases, National Income and Product Account Basis (NIPA): 1972 to 1977

[**In billions of dollars.** Department of Defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. Coverage differences consist of DOD outlays that do not appear as NIPA purchases; primarily military retired pay. Timing differences occur because purchases are largely recorded on a delivery basis, while outlays are recorded on a cash basis. See source for further detail. See text, page 476, and table 796. See also Appendix A of source]

PURCHASES	1972	1973	1974	1975	1976	1977
Total purchases, current dollars	**72.1**	**72.7**	**78.1**	**81.3**	**83.6**	**90.7**
Percent of gross national product	6.1	5.6	5.5	5.3	4.9	4.8
Goods	19.9	19.1	21.3	22.9	23.0	26.5
Services	15.2	16.0	17.6	17.3	18.5	20.1
Structures	1.7	2.0	2.1	2.2	2.0	2.1
Compensation	35.2	35.7	37.0	39.0	40.1	42.0
Total purchases, constant (1972) dollars	**72.1**	**68.3**	**67.8**	**65.3**	**63.2**	**63.9**
Percent of gross national product	6.1	5.5	5.6	5.4	5.0	4.8
Goods	19.9	18.0	18.3	18.0	17.1	18.0
Services	15.2	15.1	15.2	13.2	13.1	13.1
Structures	1.7	1.8	1.7	1.7	1.4	1.4
Compensation	35.2	33.3	32.6	32.3	31.6	31.4

Source: U.S. Bureau of Economic Analysis, *Price Changes of Defense Purchases of the United States,* March 1979.

No. 607. Defense-Oriented Industries—Summary: 1965 to 1978

[For the most part, industries included are those shipping finished goods or components produced to military specifications; for details, see source. Data for 1965–1977 have been revised based on benchmarking to the Annual Survey of Manufactures. SIC represents Standard Industrial Classification System]

SIC code	YEAR AND INDUSTRY	Employees (1,000)	VALUE ADDED BY MANUFACTURE		VALUE OF SHIPMENTS (mil. dol.)		
			Total (mil. dol.)	Percent	Total	Government[1]	Nongovernment
(x)	1965	4,509	61,857	100.0	120,395	32,853	87,542
(x)	1970	4,894	82,739	100.0	161,773	38,836	122,937
(x)	1972	4,752	95,926	100.0	187,617	36,775	150,842
(x)	1973	4,910	110,338	100.0	218,431	36,383	182,048
(x)	1974	5,211	131,380	100.0	275,816	36,719	239,097
(x)	1975	4,762	130,397	100.0	288,976	39,969	249,007
(x)	1976	4,810	148,061	100.0	327,683	44,274	283,409
(x)	1977	5,098	171,913	100.0	379,956	50,081	329,875
(x)	**1978, total**[2]	**5,839**	**206,961**	**100.0**	**454,056**	**52,807**	**401,249**
28	Chemicals and allied products	133	8,412	4.2	18,493	1,976	16,517
29	Petroleum and coal products	117	14,244	7.2	102,641	2,085	100,556
30	Rubber and misc. plastic products	133	3,325	1.7	6,769	254	6,515
3293	Gaskets, packing and sealing devices	34	854	.4	1,421	32	1,389
33	Primary metal industries	354	12,628	6.3	34,662	1,116	33,546
34	Fabricated metal products	662	20,784	10.4	38,705	3,510	35,195
35	Machinery, except electrical	1,405	51,908	26.1	91,673	3,776	87,897
36	Electrical equipment and supplies	1,479	43,974	22.2	75,086	11,688	63,398
37	Transportation equipment	860	28,378	10.3	50,739	25,225	25,514
38	Instruments and related products	627	20,975	10.5	32,248	2,593	29,655

x Not applicable. [1] Comprises products shipped to, or receipts for work done for, Federal agencies, their contractors, subcontractors, and suppliers. [2] Includes "Miscellaneous industries," not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA 175.

No. 608. Employment—Defense-Related Agencies Compared With Total Federal and Total United States: 1960 to 1979

[**In thousands, except percent.** Annual averages]

EMPLOYMENT	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total U.S. employment[1]	68,290	73,812	81,815	88,165	86,963	89,629	92,676	94,373	96,945
Federal	**4,944**	**5,262**	**6,116**	**5,095**	**5,062**	**5,006**	**4,988**	**5,000**	**4,985**
Armed Forces	2,514	2,723	3,188	2,229	2,180	2,144	2,133	2,117	2,088
Civilian personnel[2]	2,430	2,539	2,928	2,866	2,882	2,862	2,855	2,883	2,897
Federal defense-related agencies, excl. Armed Forces	**1,057**	**1,053**	**1,211**	**1,061**	**1,036**	**1,008**	**994**	**986**	**971**
Percent of Federal civilian personnel	43.5	41.5	41.4	37.0	36.0	35.2	34.8	34.2	33.5
Federal defense-related agencies[1]	**3,571**	**3,776**	**4,399**	**3,289**	**3,216**	**3,152**	**3,127**	**3,103**	**3,059**
Percent of total Federal[1]	72.2	71.8	71.9	64.6	63.5	63.0	62.7	62.1	61.4
Percent of total U.S.[1]	5.2	5.1	5.4	3.7	3.7	3.5	3.4	3.3	3.2

[1] Includes Armed Forces. [2] Includes all direct employment by U.S. Govt. abroad regardless of citizenship.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Work Force Statistics.*

NO. 609. DEFENSE CONTRACT AWARDS AND PAYROLL—STATES: 1977 TO 1979

[**In millions of dollars.** For years ending **Sept. 30.** Contracts refer to awards made in year specified; expenditures relating to awards may extend over several years. Payroll estimates cover active duty military and direct hire civilian personnel, *including Army Corps of Engineers*]

STATE	CONTRACT AWARDS [1]			PAYROLL			STATE	CONTRACT AWARDS [1]			PAYROLL		
	1977	1978	1979	1977	1978	1979		1977	1978	1979	1977	1978	1979
Total	**52,752**	**61,174**	**65,481**	**28,668**	**30,890**	**31,845**	Mo	2,361	3,000	3,284	645	540	536
							Mont	174	24	48	96	86	83
Ala	421	480	499	609	702	713	Nebr	80	72	86	218	226	233
Alaska	123	195	215	296	325	340	Nev	28	42	67	138	147	157
Ariz	540	635	693	434	474	467	N.H	153	227	236	170	198	211
Ark	71	85	72	183	190	194	N.J	1,217	1,470	1,300	662	652	668
Calif	10,078	10,517	12,044	4,197	4,469	4,602	N. Mex	160	201	259	325	350	388
Colo	379	435	412	729	667	698	N.Y	4,300	4,590	4,542	523	575	598
Conn	1,974	3,489	3,777	107	114	118	N.C	374	437	569	1,131	1,176	1,256
Del	51	70	86	87	89	94	N. Dak	44	55	63	165	166	166
D.C	698	537	569	605	542	563	Ohio	1,164	1,275	1,275	686	733	760
Fla	1,061	1,393	1,761	1,142	1,330	1,372	Okla	293	315	317	740	748	782
Ga	518	793	668	1,157	1,278	1,353	Oreg	78	92	147	58	69	71
Hawaii	224	293	307	638	800	883	Pa	1,654	1,632	1,878	883	955	999
Idaho	16	19	22	83	89	89	R.I	125	156	192	143	154	166
Ill	560	712	752	751	769	789	S.C	175	196	291	814	840	853
Ind	835	909	1,107	287	301	316	S. Dak	13	20	21	94	99	101
Iowa	281	362	258	30	31	32	Tenn	710	522	474	211	244	257
Kans	363	431	590	359	466	409	Tex	2,778	4,944	4,236	2,237	2,650	2,734
Ky	221	177	168	671	728	707	Utah	227	215	226	405	420	453
La	391	505	274	350	458	427	Vt	119	109	100	12	11	11
Maine	323	341	407	89	141	96	Va	2,038	1,700	2,748	2,376	2,581	2,688
Md	1,092	1,317	1,509	1,139	1,178	1,230	Wash	1,738	1,808	1,540	812	869	886
Mass	2,395	2,787	2,983	298	329	351	W. Va	92	76	62	31	31	33
Mich	1,244	1,382	1,494	306	321	330	Wis	416	389	373	57	61	64
Minn	656	730	896	76	82	81	Wyo	19	26	52	61	61	62
Miss	493	1,406	703	352	374	396	Undist. [2]	7,212	7,581	8,828	-	-	-

- Represents zero. [1] Military awards for supplies, services, and construction. Net value of contracts of over $10,000 for work in each State and D.C. (see also "Undistributed"). Figures reflect impact of prime-contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 604. [2] Includes contracts of less than $10,000; all contracts awarded for work in U.S. possessions, Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: *U.S. Dept. of Defense, Prime Contract Awards by State,* annual.

NO. 610. SUMMARY OF MAJOR MILITARY FORCES: 1960 TO 1979

[As of **June 30** except, beginning **1977,** as of **Sept. 30**]

DESCRIPTION	1960	1965	1970	1974	1975	1976	1977	1978	1979
Department of the Army:									
Divisions	14	16	16	13	14	16	16	16	16
Maneuver battalions	(NA)	176	191	140	148	160	166	166	168
Air defense battalions/batteries	288	227	195	184	147	156	150	157	163
Special forces groups	-	7	6	4	3	3	4	4	3
Total aircraft	5,564	7,142	12,166	9,708	9,517	9,354	9,323	8,687	8,630
Department of the Navy:									
Ship operating force	900	1,020	847	587	577	555	543	531	540
Active fleet	812	936	769	512	496	476	464	453	455
Naval fleet auxilary force [1]	-	2	5	13	18	19	20	21	26
Naval reserve force	88	82	73	62	63	60	59	57	59
Tactical air squadrons [2]	104	113	88	79	79	74	69	65	61
Antisubmarine air squadrons [3]	29	31	20	15	18	19	22	22	22
Marine divisions	3	3	3	3	3	3	3	3	3
Marine aircraft combat squad:									
Fixed-wing squadrons	37	36	32	32	31	30	30	30	30
Rotary-wing squadrons	12	16	21	19	19	19	19	19	21
Total aircraft	11,272	9,725	8,646	7,423	7,035	6,839	6,593	6,359	6,320
Department of the Air Force:									
ICBM launchers	5	854	1,054	1,054	1,054	1,054	1,054	1,054	1,054
Selected aircraft squadrons	280	219	181	132	126	125	127	130	129
Strategic	142	65	33	29	28	27	26	26	26
Air defense	65	39	17	8	7	6	6	6	6
Tactical (excluding air-lift)	73	115	131	95	91	92	95	98	97
Total aircraft	21,283	16,487	14,983	11,376	10,736	10,276	10,140	10,022	10,114
Active	18,351	14,668	13,545	10,156	9,336	9,286	9,256	9,138	9,037

- Represents zero. NA Not available. [1] Civilian manned. [2] Includes Special Mission. [3] Does not include patrol squadrons.

Source: U.S. Dept. of Defense, releases and unpublished data.

No. 611. Department of Defense Personnel, Payroll, and Military Retirees: 1950 to 1979

[Through 1976, personnel as of **June 30** and payroll for years ending **June 30**; beginning **1977**, personnel as of **Sept. 30** and payroll for years ending **Sept. 30**. Excludes "indirect hire" civilians, i.e. foreign nationals under special agreement by Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military [1]		Direct hire civilian [2]	Number (1,000)	Pension payments [3] (bil. dol.)
		Total	Percent			Total	Percent			
1950	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965	3,689	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1966	4,232	3,094	73.1	1,138	20.1	12.4	61.7	7.7	530	(NA)
1967	4,680	3,377	72.2	1,303	23.5	14.8	63.0	8.7	590	(NA)
1968	4,865	3,548	72.9	1,317	25.8	16.4	63.6	9.4	651	2.0
1969	4,802	3,460	72.1	1,342	28.2	17.9	63.5	10.3	714	2.2
1970	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1971	3,842	2,715	70.7	1,127	30.8	19.2	62.3	11.6	831	3.1
1972	3,406	2,323	68.2	1,083	32.0	19.8	61.9	12.2	890	3.6
1973	3,284	2,253	68.6	1,031	32.6	20.3	62.3	12.3	948	4.1
1974	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	4.9
1975	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
1976	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
1977	3,057	2,074	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
1978	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	[4] 1,280	9.0
1979	2,988	2,027	67.8	960	40.9	22.7	55.5	18.2	[4] 1,320	10.3

NA Not available. [1] Excludes troop subsistence, transportation, movement of personnel, etc. [2] Excludes benefits, etc. [3] For U.S. only. [4] Estimated.

No. 612. Department of Defense Personnel, by Service: 1960 to 1979

[**In thousands.** As of **Dec. 31**. See headnote, table 611. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable data]

BRANCH OF SERVICE	1960	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total [1]	**3,526**	**3,915**	**4,561**	**4,026**	**3,642**	**3,428**	**3,228**	**3,183**	**3,112**	**3,067**	**3,044**	**3,019**	**2,987**
Army	1,257	1,448	1,901	1,664	1,386	1,261	1,148	1,145	1,140	1,133	1,122	1,107	1,108
Military	877	1,075	1,432	1,234	966	862	782	773	767	775	771	757	760
Civilian	381	373	469	430	420	399	366	372	373	358	351	350	348
Air Force	1,117	1,134	1,164	1,056	1,047	981	942	898	860	827	816	807	790
Military	811	842	843	759	754	707	674	625	599	580	572	567	557
Civilian	307	292	322	297	293	274	268	273	261	247	244	240	233
Navy [2]	1,150	1,275	1,426	1,242	1,149	1,117	1,065	1,066	1,040	1,029	1,028	1,028	1,013
Military	806	940	1,024	882	799	777	746	742	718	717	717	717	704
Civilian	343	335	402	360	350	340	319	324	322	312	311	311	309

[1] Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, Army Corps of Engineers Civil Functions, and other defense activities, not shown separately. [2] Includes Marine Corps.

No. 613. Women in the Armed Forces: 1960 to 1979

[**In thousands, except percent.** As of **June 30** except, beginning **1977**, as of **Sept. 30**. See headnote, table 614]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total military	**2,476**	**2,655**	**3,066**	**2,323**	**2,253**	**2,162**	**2,128**	**2,082**	**2,074**	**2,062**	**2,027**
Women	32	31	42	45	55	75	97	109	119	134	151
Percent	1.3	1.2	1.4	1.9	2.5	3.5	4.6	5.2	5.7	6.5	7.4
Officers, total	317	339	402	336	321	303	292	281	276	274	274
Women	11	11	13	13	13	13	14	14	15	17	19
Percent	3.4	3.1	3.3	3.8	4.0	4.3	4.6	5.0	5.4	6.2	6.9
Enlisted personnel	2,160	2,317	2,664	1,987	1,932	1,860	1,836	1,801	1,798	1,788	1,753
Women	21	20	28	32	43	62	83	95	104	117	132
Percent	1.0	.9	1.1	1.6	2.2	3.3	4.5	5.3	5.8	6.5	7.5

Source of tables 611-613: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

NO. 614. MILITARY PERSONNEL ON ACTIVE DUTY, BY SERVICE: 1960 TO 1980

[**In thousands, except percent.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty; excludes Coast Guard. Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970,* series Y 904-916]

BRANCH OF SERVICE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total	**2,476**	**2,653**	**3,066**	**2,714**	**2,322**	**2,252**	**2,161**	**2,127**	**2,081**	**2,074**	**2,061**	**2,024**	**2,045**
Percent officers	12.8	12.7	13.1	13.7	14.4	14.2	14.0	13.7	13.5	13.3	13.2	13.5	13.6
Army	873	968	1,322	1,124	811	801	783	784	779	782	771	758	774
Officers	101	112	166	149	121	116	106	103	98	97	97	97	98
Enlisted	*772*	*857*	*1,156*	*975*	*690*	*685*	*677*	*681*	*681*	*685*	*674*	*661*	*676*
Navy	618	671	692	623	588	564	546	535	524	530	530	522	528
Officers	70	78	81	74	73	70	67	65	64	63	62	62	64
Enlisted	548	593	612	549	515	494	479	470	461	467	468	460	464
Marine Corps	*171*	*190*	*260*	*212*	*198*	*196*	*189*	*196*	*192*	*192*	*191*	*185*	*185*
Officers	16	17	25	22	20	19	19	19	19	19	18	18	18
Enlisted	154	173	235	190	178	177	170	177	174	173	173	167	167
Air Force	815	824	791	755	726	691	644	612	585	570	569	559	558
Officers	130	131	130	126	121	115	110	105	100	96	95	96	97
Enlisted	685	692	662	629	604	576	534	507	486	474	474	463	460

Source: 1960, U.S. Dept. of Defense, semiannual reports and unpublished data; beginning 1965, U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

NO. 615. BLACKS IN THE ARMED FORCES: 1965 TO 1979

[As of **Dec. 31,** except **1977, June 30,** and **1978** and **1979, Sept. 30.** Includes women. Officers include warrant officers]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total Armed Forces (1,000)	2,816	3,285	2,861	2,504	2,335	2,186	2,123	2,071	2,059	2,063	2,048	2,013
Officers (1,000)	337	408	389	359	329	309	293	283	279	281	274	274
Enlisted (1,000)	2,478	2,877	2,472	2,145	2,006	1,878	1,830	1,788	1,780	1,782	1,774	1,739
Black personnel (1,000)	267	286	279	267	278	288	306	299	314	322	353	382
Officers (1,000)	6	9	8	8	8	8	9	9	10	11	12	13
Enlisted (1,000)	*261*	*277*	*271*	*259*	*271*	*279*	*297*	*290*	*303*	*311*	*342*	*369*
Percent Black	9.5	8.7	9.8	10.7	11.9	13.2	14.4	14.4	15.2	15.6	17.3	19.0
Officers	1.9	2.1	2.2	2.3	2.4	2.7	3.0	3.2	3.6	3.9	4.3	4.7
Enlisted	10.5	9.6	11.0	12.1	13.5	14.9	16.2	16.2	17.1	17.4	19.3	21.2

Source: U.S. Dept. of Defense, Office of Equal Opportunity. Through 1972. *The Black in the Armed Forces, Statistical Fact Book,* 1972; thereafter, unpublished data.

NO. 616. MILITARY PERSONNEL ON ACTIVE DUTY, BY LOCATION: 1965 TO 1979

[**In thousands.** As of **Dec. 31.** Shore-based includes Navy personnel temporarily on shore]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	**2,857**	**3,298**	**2,874**	**2,519**	**2,348**	**2,202**	**2,140**	**2,084**	**2,072**	**2,060**	**2,041**	**2,020**
Shore-based	2,517	3,008	2,627	2,290	2,109	1,982	1,929	1,884	1,858	1,842	1,828	1,820
Naval afloat [1]	340	290	247	229	239	220	211	200	214	218	213	200
United States [2]	**2,004**	**2,209**	**1,987**	**1,846**	**1,752**	**1,709**	**1,660**	**1,630**	**1,623**	**1,600**	**1,582**	**1,542**
Shore-based	1,789	2,012	1,807	1,677	1,618	1,544	1,508	1,480	1,466	1,435	1,421	1,394
Naval afloat [1]	215	197	180	169	134	165	152	150	157	165	161	148
Foreign countries	**853**	**1,088**	**888**	**673**	**596**	**493**	**480**	**454**	**449**	**460**	**459**	**478**
Percent of total	29.9	33.0	30.9	26.7	25.4	22.4	22.4	21.8	21.7	22.3	22.5	23.7
Shore-based	728	996	820	613	491	438	421	405	392	407	407	[3] 426
Naval afloat [1]	125	92	67	60	105	55	59	50	57	53	52	52

[1] Includes Marine Corps. [2] Includes outlying areas. [3] Includes personnel in the Panama Canal Zone which were previously reported in the United States total.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual, and unpublished data.

NO. 617. COAST GUARD PERSONNEL ON ACTIVE DUTY: 1960 TO 1979

[As of **June 30** except, beginning **1977,** as of **Sept. 30**]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1960	30,616	4,020	405	26,191	1976	37,812	5,795	1,057	30,960
1965	*31,776*	*4,476*	*440*	*26,860*	1977	38,158	5,889	972	31,297
1970	37,689	5,512	653	31,524	1978	37,734	6,115	881	30,738
1975	36,788	5,630	1,177	29,981	1979	38,559	6,340	806	31,413

Source: 1960 and 1965, U.S. Dept. of the Treasury, *Annual Report of the Secretary of the Treasury on the State of the Finances;* thereafter, U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation.*

No. 618. U.S. Military Personnel Abroad or Afloat, by Country: 1970 to 1979

[**In thousands.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Data are unclassified approximations]

COUNTRY	1970	1975	1976	1977	1978	1979	COUNTRY	1970	1975	1976	1977	1978	1979
Outside U.S. [1]	1,071	517	464	483	494	481	Asia and Pacific	683	156	123	130	129	122
							Japan [4]	81	48	45	46	46	46
Europe [2]	304	314	297	313	330	325	Philippines	24	15	15	14	14	14
Germany, F.R.[3]	214	220	209	224	234	239	South Korea	54	42	40	40	42	39
Greece	3	4	3	3	4	3	China (Taiwan)	9	4	2	1	1	(Z)
Iceland	3	3	3	3	3	3	Thailand	41	20	1	(z)	(z)	(z)
Italy	10	12	12	10	12	12	S. Vietnam	415	–	–	–	–	–
							Afloat	60	28	19	29	26	22
Spain	8	9	9	9	9	9	U.S. outlying areas [5]	32	25	24	23	22	22
Turkey	7	7	4	5	5	5							
Un. Kingdom	21	21	20	21	22	23	Troop dependents [6]	347	365	334	322	318	383
Other countries	8	7	6	6	6	6	Europe	206	239	225	215	222	282
Afloat	28	30	29	32	35	25	Western Pacific	91	82	72	63	61	67

– Represents zero. Z Fewer than 500. [1] Includes troops in countries not shown. [2] Western Europe and related areas. [3] Federal Republic. [4] Includes Okinawa. [5] Primarily Guam, Panama Canal Zone, Puerto Rico, and Midway Islands. [6] Dependent data as of Sept. 30. Includes areas not shown separately.

No. 619. Vietnam Conflict—U.S. Military Forces in Vietnam and Casualties Incurred: 1961 to 1979

[Military forces as of **Dec. 31.** All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	1961–1979, total	1961–1964	1965	1966	1967	1968	1969	1970	1971	1972	1973–1979
Military forces (1,000)	(X)	[1] 23.3	184.3	385.3	485.6	536.1	475.2	234.6	156.8	24.2	([2])
Battle deaths [3]	47,217	267	1,369	5,008	9,377	14,589	9,414	4,221	1,381	300	1,291
Killed	38,436	186	1,115	4,122	7,491	12,622	8,106	3,479	1,084	193	38
Died of wounds	5,169	10	103	576	978	1,594	1,166	552	157	26	7
Died while missing [4]	3,612	71	151	310	908	373	142	190	140	81	1,246
Wounded, nonfatal: [3]											
Hospital care (1,000)	153.3	.8	3.3	16.5	32.4	46.8	32.9	15.2	4.8	.6	(z)
No hospital care (1,000)	150.3	.8	2.8	13.6	29.7	46.0	37.3	15.4	4.2	.6	(z)

X Not applicable. Z Fewer than 50. [1] For 1964 only. [2] Fewer than 250. [3] Casualties from enemy action. Deaths exclude servicemen who died in accidents or from disease. [4] Includes died while captured.

Source of tables 618 and 619: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 620. Armed Forces Personnel—Summary of Major Conflicts

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 619 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War [1]	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving	1,000	2,213	307	4,744	[2] 16,354	[3] 5,764	[4] 8,811
Army	1,000	2,129	[5] 281	4,057	11,260	2,834	4,368
Navy	1,000	} 84	{ 23	599	4,183	1,177	1,842
Marines	1,000		{ 3	79	669	424	794
Air Force [6]	1,000	(X)	(X)	([7])	([7])	1,285	1,740
Coast Guard [8]	1,000	(X)	(X)	9	241	44	67
Average duration of service	Months	20	8	12	33	19	23
Officers	Months	(NA)	8	14	39	24	(NA)
Enlisted	Months	(NA)	8	12	33	18	(NA)
Service abroad: Personnel serving	Percent	(NA)	[9] 29	53	73	[10] 56	(NA)
Average duration [11]	Months	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: [12] Battle deaths	1,000	140	(Z)	53	292	34	[13] 47
Wounds not mortal	1,000	282	2	204	671	103	[13] 304
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	[4] 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	[4] 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	[4] 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	[4] 1,759

NA Not available. X Not applicable. Z Fewer than 500. [1] Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. [2] Covers Dec. 1, 1941, to Dec. 31, 1946. [3] Covers June 25, 1950, to July 27, 1953. [4] Covers Aug. 4, 1964, to Jan. 27, 1973. [5] Covers Apr. 21 to Aug. 13, 1898. [6] Originally organized in 1907: Established as Air Force under Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. [7] Included in Army. [8] Established Jan. 28, 1915. [9] Army and Marines only. [10] Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. [11] During hostilities only. [12] For periods covered, see footnotes 2, 3, 4 and 5. [13] Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

NO. 621. MILITARY PERSONNEL—DESERTION AND ABSENT-WITHOUT-AUTHORITY RATES: 1965 TO 1979

[Rate per 1,000 average end-of-month strength. For years ending **June 30** except, beginning **1977,** ending **Sept. 30]**

ITEM	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Desertion rate [1]	(NA)	15.7	21.1	25.8	33.9	27.5	24.6	25.0	22.4	20.0	19.2	17.7	18.4
Army	15.7	29.1	42.4	52.3	73.5	62.0	52.1	41.1	26.0	17.7	16.7	15.4	18.1
Marine Corps	18.8	30.7	40.2	59.6	56.2	65.3	63.2	89.2	105.0	69.2	47.0	39.9	37.9
Navy	6.7	8.5	7.3	9.9	11.1	8.8	13.6	21.2	22.4	24.8	31.6	30.4	29.6
Air Force	.4	.4	.6	.8	1.5	2.8	2.2	2.4	1.9	1.2	.6	.7	1.1
Absent-Without-Authority rate [2]	(NA)	38.5	46.9	66.3	84.0	74.9	77.0	79.5	73.7	67.8	48.6	46.2	45.9
Army	60.1	89.7	112.3	132.5	176.9	166.4	159.2	129.9	*95.4*	*70.3*	*47.0*	*40.4*	*38.0*
Marine Corps	(NA)	(NA)	(NA)	174.3	166.6	170.0	234.3	287.5	300.9	201.8	103.5	97.5	86.7
Navy	26.8	14.4	13.5	17.5	19.0	18.3	21.7	53.8	73.0	77.5	76.9	78.3	83.4
Air Force	2.9	3.6	4.4	5.9	9.4	17.2	16.1	17.3	13.0	7.8	3.8	4.6	5.9

NA Not available. [1] Absent without authority more than 30 days. [2] For 30 days or less.

NO. 622. DISCHARGES OF ENLISTED PERSONNEL, BY TYPE: 1965 TO 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30]**

YEAR	Total discharges	Honorable [1 2]	General [1 3]	Other than honorable [1 4]	Bad conduct [5 6]	Dishonorable [6 7]	PERCENT OF TOTAL		
							Honorable	General	Other
1965	718,898	678,100	25,477	13,178	2,088	55	94.3	3.5	2.1
1966	740,044	706,761	20,883	10,544	1,784	72	95.5	2.8	1.7
1967	689,617	657,684	19,562	9,741	2,565	65	95.4	2.8	1.8
1968	869,877	836,990	18,260	11,707	2,886	34	96.2	2.1	1.7
1969	1,016,470	980,376	19,853	12,392	3,662	187	96.4	2.0	1.6
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	95.2	2.6	2.2
1971	1,018,822	944,365	40,256	29,139	4,737	325	92.7	4.0	3.4
1972	890,557	804,470	45,219	36,345	4,167	356	90.3	5.1	4.6
1973	719,789	646,720	40,680	29,049	2,906	434	89.8	5.7	4.5
1974	688,179	609,580	45,960	29,336	2,988	315	88.6	6.7	4.7
1975	682,952	603,058	48,999	27,015	3,587	293	88.3	7.2	4.4
1976	630,194	542,674	53,135	30,721	3,435	229	86.1	8.4	5.5
1977	569,258	509,693	38,922	18,104	2,349	190	89.5	6.8	3.7
1978	493,585	446,870	29,678	15,054	1,823	160	90.5	6.0	3.5
1979	535,011	491,644	26,683	14,544	1,854	286	91.9	5.0	3.1

[1] Administrative discharge. [2] Based on proper military behavior and proficient performance of duty; honest and faithful service. [3] Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. [4] Unsatisfactory service (misconduct, security or resignation/request for discharge). [5] Punitive, resulting from trial by court-martial. [6] Usually punishment for repeated convictions of minor offenses. [7] Granted after conviction of offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment.

Source of tables 621 and 622: U.S. Dept. of Defense, unpublished data.

NO. 623. SELECTIVE SERVICE ACT VIOLATIONS—DISPOSITION OF DEFENDANTS: 1965 TO 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Covers defendants charged in U.S. district courts with violations of Selective Training and Service *Act of 1940 and Universal Military Training and Service Act of 1948. Excludes* Canal Zone, Guam, and Virgin Islands all years, and District of Columbia through 1973. See also *Historical Statistics, Colonial Times to 1970,* series Y 927-942]

DISPOSITION	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977 [1]	1978–1979 [1]
All defendants	**341**	**1,192**	**1,744**	**2,833**	**2,973**	**4,906**	**3,495**	**2,094**	**1,376**	**696**	**2,175**	**56**
Not convicted	99	408	844	1,806	1,937	3,264	2,518	1,295	1,147	573	2,146	51
Dismissed	88	353	747	1,570	1,701	2,937	2,338	1,196	1,133	562	2,142	51
Acquitted	11	55	97	236	236	327	180	99	14	11	4	-
Convicted	242	784	900	1,027	1,036	1,642	977	799	229	123	29	5
Percent of total	71.0	65.8	51.6	36.3	34.8	33.5	28.0	38.2	16.6	17.7	1.3	16.6
Plea of guilty or nolo	197	520	511	570	590	934	631	643	171	105	22	4
Court or jury	45	264	389	457	446	708	346	156	58	18	7	1
Imprisonment	189	580	544	450	377	458	260	155	20	12	4	3
Avg. sentence (mo.)	21.0	37.3	36.3	33.5	29.1	22.0	17.5	14.5	(B)	(B)	(B)	(B)
Probation	52	202	350	572	650	1,178	707	637	203	108	22	1
Fine and other	1	2	6	5	9	6	10	7	6	3	3	1

- Represents zero. B Base less than 25. [1] 1977 and 1978 include violations (between Aug. 4, 1964, and Mar. 28, 1973 dismissal) under Presidential Proclamation of Pardon for Violations of Selective Service Act (Exec. Order 11967) issued Jan. 21, 1977.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 624. Enlisted Military Personnel Procurement: 1965 to 1979

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30**]

BRANCH OF SERVICE	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	**702**	**1,124**	**1,064**	**872**	**804**	**632**	**689**	**625**	**667**	**601**	**594**	**513**	**527**
Inductions	103	340	265	207	156	27	36	–	–	–	–	–	–
First enlistments	318	513	554	423	396	396	428	391	415	397	381	308	310
Percent—													
Other than White [1]	10.8	10.2	11.4	11.6	13.7	15.8	18.5	20.9	18.1	17.3	20.5	23.3	26.0
High school graduates	66.7	73.8	72.2	71.2	66.8	65.8	64.1	65.7	71.7	72.3	74.2	81.1	72.8
Reenlistments	247	203	208	213	221	184	202	212	228	183	190	179	189
Reserves to active duty	34	69	37	28	31	25	23	22	24	21	23	25	28
Army [2]	**294**	**637**	**539**	**472**	**414**	**239**	**279**	**264**	**283**	**250**	**258**	**217**	**233**
First enlistments	102	199	201	177	158	160	179	185	191	186	173	128	133
Reenlistments	89	85	78	93	98	49	62	77	91	62	82	83	93
Navy [2]	170	195	212	164	146	153	171	156	166	144	143	121	115
First enlistments	94	123	147	100	79	89	99	84	90	85	90	70	66
Reenlistments	44	39	37	41	41	43	53	53	54	40	34	32	29
Marine Corps [2]	**46**	**111**	**107**	**87**	**71**	**67**	**67**	**62**	**71**	**64**	**59**	**56**	**56**
First enlistments	34	93	84	68	59	56	52	47	56	52	45	42	41
Reenlistments	11	9	10	8	10	11	14	15	15	12	14	13	14
Air Force [2]	**192**	**182**	**206**	**148**	**173**	**173**	**172**	**143**	**147**	**143**	**134**	**119**	**124**
First enlistments	88	98	122	78	101	91	98	75	78	74	73	68	70
Reenlistments	104	69	83	70	72	81	74	67	68	69	61	50	53

– Represents zero. [1] Black only, beginning 1974. [2] For some years, totals include reserves to active duty and inductions, not shown separately.

No. 625. Reserve Officers Training Corps (ROTC)—Enrollment: 1965 to 1979

[**In thousands.** For **May,** or **end of school year.** Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; after 1965, includes Jr. ROTC in all service branches]

ITEM	1965	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Senior ROTC	231	196	175	123	92	73	60	56	61	66	76	80	84
Junior ROTC	88	111	122	126	124	121	140	155	164	158	152	156	144

Source of tables 624 and 625: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual, and *Military Manpower Statistics,* monthly.

No. 626. Average Annual Military Pay Rates: 1970 to 1980

[As of **June 30** except, beginning **1977,** as of **Sept. 30.** Covers all branches of the military service. Based on weighted averages. See also, *Historical Statistics, Colonial Times to 1970,* series D 921-926 and Y 898-903]

ITEM	BASIC PAY ($1,000)							BASIC PAY PLUS ALLOWANCES [2] ($1,000)						
	1970	1975	1976	1977	1978	1979	1980 [1]	1970	1975	1976	1977	1978	1979	1980 [1]
Current dollars:														
All personnel [3]	4.2	7.3	7.6	8.0	8.4	8.9	9.5	5.8	9.5	9.9	10.3	10.9	11.6	12.5
Officers	9.9	14.8	15.7	16.5	17.6	18.4	19.5	13.0	18.8	20.0	21.0	22.3	23.5	24.8
Enlisted	3.4	6.0	6.3	6.6	7.0	7.5	8.0	4.7	8.0	8.3	8.7	9.2	9.7	10.5
Constant dollars: [4]														
All personnel [3]	5.3	5.7	5.6	5.6	5.5	5.6	5.6	7.1	7.5	7.4	7.3	7.2	7.3	7.4
Officers	12.5	11.6	11.7	11.6	11.6	11.6	11.5	16.0	14.8	14.9	14.9	14.8	14.8	14.6
Enlisted	4.3	4.7	4.7	4.6	4.6	4.7	4.7	5.8	6.3	6.2	6.2	6.1	6.1	6.2

[1] Estimate. [2] Not strictly comparable, year to year, due to changes in allowances. [3] Excludes pay for Officer Candidates. [4] Constant 1972 dollars.

Source: U.S. Office of Management and Budget, unpublished data.

No. 627. Monthly (October) Rates of Military Basic Pay: 1975 to 1979

PAY GRADE AND YEARS OF SERVICE [1]	1975	1977	1978	1979	PAY GRADE AND YEARS OF SERVICE [1]	1975	1977	1978	1979
Recruit [2]—E-1 (0-2)	$361	$398	$419	$449	2d Lt.—O-1 (0-2)	$666	$733	$773	$827
Private—E-2 (0-2)	403	443	467	500	1st Lt.—O-2 (2-3)	838	922	973	1,041
Pvt. 1st class—E-3 (0-2)	418	460	485	520	Captain—O-3 (6-8)	1,219	1,341	1,415	1,515
Corporal—E-4 (2-3)	459	505	533	571	Major—O-4 (14-16)	1,544	1,698	1,792	1,918
Sergeant—E-5 (4-6)	539	593	626	669	Colonel—O-6 (26-30)	2,426	2,669	2,817	3,015
Master Sgt.—E-8 (20-22)	996	1,095	1,156	1,237	Brig. Gen'l.—O-7 (26-30)	2,762	3,038	3,206	3,431
Warr. Officer —W-1(10-12)	838	922	973	1,041	Lt. Gen'l.—O-9 (26-30)	[3] 3,150	[3] 3,877	[3] 3,958	[3] 4,176
Chief Warr.—W-4 (26-30)	1,531	1,684	1,778	1,902	General—O-10 (26-30)	[3] 3,150	[3] 3,958	[3] 3,958	[3] 4,176

[1] Longevity pay step of typical military member. [2] Under 4 months of service. [3] Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

No. 628. Military Reserve Personnel Not on Active Duty: 1960 to 1979

[**In thousands.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Reservists serve in one of three categories—ready, standby, or retired. The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total reserves	**4,147**	**2,577**	**3,639**	**3,711**	**3,413**	**3,065**	**2,656**	**2,419**	**2,249**	**2,118**	**2,109**
Ready reserve	2,418	1,802	2,574	2,495	2,148	1,856	1,529	1,308	1,183	1,144	1,203
Standby reserve	1,585	472	492	558	576	496	412	340	274	183	103
Retired reserve	144	303	573	658	689	713	715	771	792	791	803
Army	*2,625*	*1,515*	*2,221*	*2,392*	*2,140*	*1,878*	*1,631*	*1,389*	*1,243*	*1,178*	*1,173*
Army National Guard	408	386	410	388	387	412	403	377	365	350	350
Army Reserve	2,217	1,129	1,811	2,004	1,753	1,466	1,228	1,012	878	828	823
Navy	930	602	808	750	725	640	521	489	476	435	427
Naval Reserve	672	463	574	504	504	457	387	373	367	337	327
Marine Corps Reserve	*258*	*134*	*234*	*246*	*221*	*183*	134	116	109	98	100
Air Force	592	460	610	569	548	547	504	541	530	506	509
Air National Guard	71	76	90	89	90	94	96	91	92	92	94
Air Force Reserve	521	384	520	480	458	453	408	450	438	414	415

Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual, and *Military Manpower Statistics,* monthly.

No. 629. Military Reserve Costs: 1975 and 1980

[*In millions of dollars. 1975* as of **June 30; 1980** as of **Sept. 30.** Army and Air Force data include National Guard]

TYPE OF COST	RESERVE COMPONENT COSTS, 1975					RESERVE COMPONENT COSTS, 1980				
	Total	Army	Air Force	Navy	Marine Corps	Total	Army	Air Force	Navy	Marine Corps
Total	**4,791**	**2,620**	**1,397**	**646**	**128**	**7,604**	**3,630**	**2,830**	**950**	**193**
Personnel	1,679	1,109	323	188	60	2,332	1,524	490	229	89
Operations and maintenance	*2,092*	*887*	*949*	*245*	*12*	3,227	1,251	1,554	400	22
Construction	176	104	50	22	-	122	54	50	18	-
Procurement	515	448	49	6	13	1,527	695	713	85	34
Active-duty support	329	72	28	186	43	396	107	23	218	48

- Represents zero.

Source: U.S. Dept. of Defense, *Five-Year Defense Plan,* internal record.

No. 630. National Guard—Summary: 1950 to 1979

[As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Army National Guard: Units	**4,863**	**5,205**	**4,386**	**3,999**	**3,052**	**3,245**	**3,299**	**3,297**	**3,355**	**3,367**
Personnel [1] (1,000)	353	378	408	386	410	403	376	364	347	346
Funds obligated [2] (mil. dol.)	205	239	400	464	752	1,322	1,808	1,514	1,596	1,654
Value of equipment (mil. dol.)	*1,264*	*(NA)*	*1,500*	*1,478*	*1,600*	4,100	4,600	4,100	4,723	7,600
Air National Guard: Units	**516**	**572**	**546**	**728**	**958**	**1,106**	**1,018**	**1,020**	**1,020**	**1,020**
Personnel [1] (1,000)	45	61	71	76	90	96	91	91	92	93
Funds obligated [2] (mil. dol.)	(NA)	164	233	321	467	890	1,223	1,044	1,104	1,250
Value of equipment (mil. dol.)	(NA)	(NA)	(NA)	(NA)	(NA)	3,100	4,000	3,970	4,087	4,800

NA Not available. [1] Officers and enlisted men; excludes Guardsmen on active duty except those undergoing basic training. [2] Federal funds; includes personnel, operations, maintenance, and military construction.

No. 631. National Guard—Army and Air, States and Other Areas: 1979

[As of **Sept. 30.** Regarding personnel and funds, see footnotes 1 and 2, table 630. - Represents zero]

STATE OR OTHER AREA	Personnel (1,000)	Funds (mil. dol.)	STATE	Personnel (1,000)	Funds (mil. dol.)	STATE	Personnel (1,000)	Funds (mil. dol.)	STATE OR OTHER AREA	Personnel (1,000)	Funds (mil. dol.)
Total	**440.3**	**2,904.8**	Ill	9.5	37.4	Nebr	4.3	19.4	S. Dak	4.1	18.0
Ala	20.0	56.8	Ind	12.0	41.6	Nev	1.9	12.4	Tenn	14.1	52.0
Alaska	2.9	19.8	Iowa	6.3	30.6	N.H	2.7	10.9	Tex	18.6	65.9
Ariz	5.5	32.1	Kans	6.1	33.3	N.J	13.2	51.5	Utah	4.7	20.0
Ark	10.7	36.1	Ky	6.9	22.2	N. Mex	4.1	19.4	Vt	3.3	14.0
Calif	20.5	101.5	La	8.3	30.8	N.Y	19.0	77.6	Va	6.9	26.9
Colo	3.6	22.3	Maine	4.2	16.9	N.C	12.0	32.8	Wash	6.4	29.7
Conn	6.4	25.9	Md	7.0	25.8	N. Dak	3.9	16.5	W. Va	4.7	19.8
Del	3.1	14.6	Mass	12.7	47.5	Ohio	17.2	64.4	Wis	9.3	35.0
D.C	3.6	17.7	Mich	11.3	57.1	Okla	9.2	33.1	Wyo	2.1	12.4
Fla	*10.1*	*30.4*	*Minn*	*9.5*	*38.9*	Oreg	6.9	28.4	Undistrib	-	1,148.4
Ga	12.6	48.2	Miss	13.3	56.0	Pa	17.9	58.4			
Hawaii	5.3	27.3	Mo	10.3	49.6	R.I	4.1	19.6	P. Rico	10.4	26.7
Idaho	3.1	19.3	Mont	2.8	19.1	S.C	11.0	30.3	V. Islds	.7	2.4

Source of tables 630 and 631: U.S. National Guard Bureau, *Annual Review of the Chief, National Guard Bureau,* and unpublished data.

NO. 632. NUMBER OF LIVING VETERANS, BY PERIOD OF SERVICE: 1950 TO 1979

[Estimates in thousands, except percent. As of **June 30** except, beginning **1977,** as of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Y 957-970]

PERIOD OF SERVICE	1950	1955	1960	1965	1970	1975	1977	1978	1979
All veterans [1]	**19,023**	**21,802**	**23,811**	**25,259**	**27,647**	**29,459**	**29,844**	**29,984**	**30,072**
Percent of male population, 18 yr. and over [2]	**37.0**	**35.2**	**42.1**	**42.1**	**42.7**	**41.8**	**40.9**	**40.4**	**39.8**
War veterans [1]	19,023	21,798	22,431	22,107	24,522	26,367	26,497	26,457	26,310
World War I	3,518	3,150	2,673	2,121	1,536	963	748	667	594
World War II [3]	15,386	15,405	15,202	14,969	14,458	13,586	13,104	12,902	12,674
Korean conflict [4]	(X)	3,999	5,482	5,718	5,867	5,973	5,919	5,897	5,866
With service in World War II	(X)	828	962	1,150	1,262	1,250	1,218	1,204	1,187
No service in World War II	(X)	3,171	4,520	4,568	4,605	4,723	4,701	4,693	4,679
Vietnam [5]	(X)	(X)	(X)	456	4,173	7,597	8,474	8,734	8,910
With service in Korean conflict	(X)	(X)	(X)	22	255	503	530	539	547
In Korea and World War II	(X)	(X)	(X)	17	156	202	203	201	199
No service in Korean conflict	(X)	(X)	(X)	434	3,918	7,094	7,944	8,195	8,363
Peacetime veterans	(X)	4	1,380	3,152	3,125	3,092	3,347	3,527	3,762
Between Korea and Vietnam [6]	(X)	4	1,380	3,152	3,125	3,092	3,075	3,068	3,059
Post-Vietnam era only [7]	(X)	(X)	(X)	(X)	(X)	(X)	272	459	703

X Not applicable. [1] Detail indicates number of living veterans who served in each war; to avoid duplication, veterans counted once in total even though service in more than one war. Totals include war with Spain, Philippine Insurrection, and Boxer Rebellion. [2] Source: U.S. Bureau of the Census. [3] Sept. 16, 1940, to July 25, 1947. [4] June 27, 1950, to Jan. 31, 1955. [5] Aug. 5, 1964, to May 7, 1975. [6] Feb. 1, 1955, to Aug. 4, 1964. [7] Service after May 7, 1975, only.

NO. 633. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1979

[In thousands, except as indicated. As of **Sept. 30.** Estimated. See *Historical Statistics, Colonial Times to 1970,* series Y 943-956, for all veterans]

AGE IN 1979	Total veterans	Percent [1]	World War I	World War II [2]	KOREA			VIETNAM [3]			Peacetime [4]
					Total	Only in Korea	Also in WW II	Total	Only in Vietnam	Also in Korea	
Total	**30,072**	**39.8**	**594**	**12,674**	**5,866**	**4,679**	**1,187**	**8,910**	**8,363**	**[5] 547**	**3,762**
18-24 years	1,131	7.7	-	-	-	-	-	540	540	-	591
25-29 years	2,085	22.7	-	-	-	-	-	1,990	1,990	-	95
30-34 years	3,838	46.7	-	-	-	-	-	3,774	3,774	-	64
35-39 years	2,764	41.5	-	-	-	-	-	1,705	1,705	-	1,059
40-44 years	2,452	43.7	-	(Z)	581	581	-	355	300	55	1,571
45-49 years	3,352	61.2	-	81	2,912	2,875	37	230	39	191	357
50-59 years	8,707	78.5	-	7,466	2,023	1,202	821	255	14	241	25
60 years and over	5,743	39.6	594	5,127	350	21	329	61	1	60	-
Average age (yr.)	47.5	(X)	84.0	59.1	49.7	47.8	57.0	32.8	31.6	51.3	37.3

- Represents zero. X Not applicable. Z Fewer than 500. [1] Of total males in each age group as of July 1. Source: U.S. Bureau of the Census. [2] Includes 1,187,000 who served in both WW II and Korean conflict. [3] Aug. 5, 1964, to May 7, 1975. [4] Post-Korean conflict (Feb. 1, 1955, to Aug. 4, 1964, only) and Post-Vietnam era (service after May 7, 1975, only). [5] Includes 199,000 who also served in WW II.

NO. 634. DISABLED VETERANS RECEIVING COMPENSATION: 1950 TO 1979

[In thousands. As of **June 30** except, beginning **1977,** as of **Sept. 30.** Totally disabled refers to veterans who have any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood]

MILITARY SERVICE	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979
Disabled, all wars [1]	**1,990**	**2,027**	**1,993**	**2,092**	**2,211**	**2,220**	**2,232**	**2,247**	**2,259**	**2,266**
Regular establishment	53	103	161	185	193	194	196	207	222	240
World War I	293	173	120	85	59	55	50	43	38	34
World War II	1,643	1,544	1,486	1,416	1,330	1,309	1,288	1,261	1,241	1,218
Korea	(X)	206	225	239	240	240	240	239	239	237
Vietnam	(X)	(X)	(X)	167	389	423	458	497	519	537
Totally disabled, all wars [1]	**115**	**110**	**110**	**124**	**125**	**123**	**123**	**123**	**122**	**121**
Regular establishment	9	11	16	16	16	16	16	17	18	19
World War I	31	23	16	11	7	6	6	5	4	3
World War II	74	61	63	63	60	58	57	56	54	53
Korea	(X)	15	15	16	16	16	16	16	16	16
Vietnam	(X)	(X)	(X)	18	25	26	28	29	30	30

X Not applicable. [1] Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 632-634: Except as noted, U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

NO. 635. VIETNAM-ERA VETERANS—LENGTH OF SERVICE: 1965 TO 1979

[For definition of median, see Guide To Tabular Presentation]

FISCAL YEAR	Servicemen discharged (1,000)	VETERANS (1,000) WITH LENGTH OF SERVICE—				Median months of service	VETERANS WITH SERVICE IN VIETNAM	
		Less than 24 mo.	24–35 mo.	36–47 mo.	48 mo. or more		Number (1,000)	Percent of total
1965–1979, prel.	**9,485**	**2,322**	**2,410**	**1,995**	**2,758**	**36.1**	**3,040**	**32.1**
1965–1966	1,046	181	271	256	338	39.3	56	5.4
1967	576	104	146	129	197	39.5	144	25.0
1968	788	143	324	114	207	33.3	321	40.7
1969	972	240	308	226	198	33.6	485	49.9
1970	1,043	314	270	256	203	33.2	560	53.6
1971	995	340	249	204	202	31.6	504	50.7
1972	870	346	213	131	180	29.0	300	34.5
1973	614	181	121	107	205	36.5	179	29.1
1974	567	154	103	109	201	38.9	135	23.8
1975	543	170	100	99	174	36.2	86	15.8
1976	432	104	103	93	132	36.1	60	13.8
1977 [1]	536	45	147	134	210	42.8	64	11.9
1978	297	-	55	79	163	50.2	78	26.1
1979, prel.	206	-	-	58	148	77.7	68	33.0

- Represents zero. [1] Includes transition quarter, July–Sept. 1976.

NO. 636. VIETNAM-ERA VETERANS—EDUCATIONAL ATTAINMENT AT SEPARATION: 1965 TO 1979

[**In thousands of persons, except as indicated.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Total of Vietnam era veterans separated from Armed Forces between Aug. 4, 1964, and Sept. 30, 1979, differs from total of veterans in civil life on Sept. 30, 1979, because 160,000 died after returning to civil life]

EDUCATIONAL ATTAINMENT	1965–1979, total	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Net separations	**9,070.0**	**456.0**	**1,012.0**	**594.0**	**547.0**	**523.0**	**412.0**	**503.0**	**277.0**	**196.0**
Years of school completed:										
8 years or less	258.5	28.3	34.8	13.4	11.9	10.3	5.5	4.5	1.4	.6
Some high school	6,907.5	352.8	740.1	432.3	414.3	413.0	349.2	423.5	228.0	153.3
Percent	76.2	77.4	73.2	72.7	75.7	78.9	84.8	84.2	82.3	78.2
1–3 years	16.3	22.3	16.3	14.4	16.6	19.1	18.3	14.1	9.6	6.3
4 years	59.9	55.1	56.9	58.3	59.1	59.8	66.5	70.1	72.7	71.9
Some college	1,904.0	74.9	237.1	148.3	120.8	99.7	57.3	75.0	47.6	42.1
Percent	20.9	16.4	23.4	25.0	22.1	19.1	13.9	14.9	17.2	21.5
1–3 years	13.0	10.0	14.9	13.6	11.1	10.7	10.9	11.4	13.0	15.4
4 years or more	7.9	6.4	8.5	11.4	11.0	8.4	3.0	3.5	4.2	6.1
Median years completed	12.5	12.4	12.5	12.6	12.5	12.5	12.5	12.5	12.5	12.6

Source of tables 635 and 636: U.S. Veterans Administration, *Data on Vietnam Era Veterans,* annual.

NO. 637. UNEMPLOYED MEN, BY AGE, VETERAN STATUS, AND RACE: 1978 AND 1979

[**Annual averages.** Rate is percent of male civilian labor force in each category]

ITEM	TOTAL		WHITE		BLACK AND OTHER	
	1978	1979	1978	1979	1978	1979
UNEMPLOYED MEN (1,000)						
Total, 16 yr. old and over	**3,051**	**3,018**	**2,365**	**2,354**	**686**	**664**
Total, 25–39 years old	825	841	644	649	181	192
Nonveterans	516	538	390	404	126	134
Post Korea [1] veterans	40	38	34	32	6	6
Vietnam [2] veterans	267	266	217	214	50	52
UNEMPLOYMENT RATE FOR MEN						
Total, 16 yr. old and over	**5.2**	**5.1**	**4.5**	**4.4**	**10.9**	**10.3**
Total, 25–39 years old	3.9	3.8	3.4	3.3	7.7	7.8
Nonveterans	4.0	3.9	3.4	3.3	7.6	7.9
Post Korea [1] veterans	2.6	3.2	2.4	2.9	7.1	8.0
Vietnam [2] veterans	4.0	3.9	3.6	3.4	8.2	7.8

[1] Service during Feb. 1, 1955, to Aug. 4, 1964; and service after May 7, 1975. [2] Service during Aug. 5, 1964, to May 7, 1975.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* January 1980, and unpublished data.

No. 638. Living Veterans—States and Other Areas: 1970 to 1979

[**Estimates in thousands.** As of **June 30** except, beginning **1978,** as of **Sept. 30.** These estimates were developed from benchmark veteran population statistics for the States as of June 30, 1970, based on 1970 Census of Population data on veterans, place of residence, extended to Sept. 30, 1979, on the basis of (1) 1965–1970 veteran interstate migration statistics from the 1970 census; (2) Bureau of the Census provisional estimates of 1970–1971 net civilian migration of States, *Current Population Reports,* series P-25, No. 468, Oct. 5, 1971; and (3) mobility of U.S. population, 1975–1976, *Current Population Reports,* series P-20, No. 305, January 1977. They are independent of, and not directly comparable with, estimates for June 30, 1970, through June 30, 1974, previously published by the VA]

STATE OR OTHER AREA	Total veterans, 1970	Total veterans, 1975	Total veterans, 1979	WAR VETERANS, 1979							Service between Korea and Vietnam only [5]	Post-Vietnam era [6]
				Total [1]	World War I	World War II [2]	Korean conflict		Vietnam era [4]			
							Total [2 3]	No service in World War II	Total [3]	No service in Korean conflict		
Total	**27,647**	**29,459**	**30,072**	**26,310**	**594**	**12,674**	**5,866**	**4,679**	**8,910**	**8,363**	**3,059**	**703**
U.S	27,450	29,236	29,829	26,109	587	12,626	5,810	4,631	8,809	8,265	3,026	694
Ala	408	420	422	369	8	171	91	74	125	116	44	9
Alaska	30	42	40	34	(z)	13	8	6	15	15	5	1
Ariz	234	290	329	289	7	137	66	49	102	96	32	8
Ark	216	258	270	240	7	122	48	37	79	74	25	5
Calif	2,992	3,238	3,343	2,936	56	1,430	734	526	995	924	328	79
Colo	290	351	375	324	6	141	73	55	128	122	41	10
Conn	436	461	463	406	8	196	98	80	131	122	46	11
Del	75	79	79	66	1	33	12	9	25	23	11	2
D.C	120	105	101	89	2	45	28	22	22	20	10	2
Fla	957	1,153	1,318	1,177	41	626	269	184	352	326	116	25
Ga	478	618	697	551	9	231	134	108	215	203	70	16
Hawaii	68	93	94	79	1	30	20	17	33	31	13	2
Idaho	97	100	105	91	2	43	18	15	33	31	11	3
Ill	1,576	1,559	1,545	1,353	30	654	308	267	428	402	157	35
Ind	703	721	729	631	14	287	132	113	230	217	78	20
Iowa	377	372	375	325	10	154	63	54	113	107	41	9
Kans	298	309	312	274	8	136	53	42	93	88	31	7
Ky	386	407	414	363	9	176	79	63	122	115	43	8
La	431	447	453	398	9	188	94	79	130	122	45	10
Maine	140	145	153	134	4	67	26	21	44	42	16	3
Md	523	610	629	549	9	253	137	104	195	183	64	16
Mass	824	868	871	764	19	366	171	139	255	240	87	20
Mich	1,175	1,190	1,188	1,028	21	472	216	188	367	347	128	32
Minn	522	547	558	482	13	215	88	74	189	180	60	16
Miss	218	244	244	216	6	110	48	39	65	61	24	4
Mo	646	693	709	622	16	300	135	112	207	194	71	16
Mont	97	101	99	85	2	42	16	13	30	28	12	2
Nebr	184	197	202	175	5	81	34	29	63	60	22	5
Nev	66	92	95	83	1	41	19	14	28	27	9	3
N.H	103	123	126	108	2	53	22	17	38	36	15	3
N.J	1,060	1,096	1,107	973	20	491	225	186	297	276	111	23
N. Mex	138	135	137	119	2	57	27	21	42	39	15	3
N.Y	2,553	2,519	2,477	2,197	50	1,144	505	436	610	567	229	51
N.C	537	614	622	541	11	245	116	96	200	189	68	13
N. Dak	72	64	61	52	2	27	8	7	17	16	8	1
Ohio	1,536	1,498	1,483	1,289	27	622	261	220	447	420	155	39
Okla	337	392	410	360	9	172	77	59	127	120	41	9
Oreg	312	361	385	337	9	167	66	48	119	113	38	10
Pa	1,785	1,756	1,747	1,536	34	785	315	260	488	457	171	40
R.I	131	151	154	133	3	68	29	22	43	40	17	4
S.C	263	322	335	292	5	124	66	54	114	109	35	8
S. Dak	86	79	75	65	3	34	13	11	18	17	9	1
Tenn	484	529	541	472	10	215	106	90	166	157	56	13
Tex	1,370	1,594	1,660	1,452	29	698	316	242	514	483	169	39
Utah	132	143	150	129	3	53	25	19	57	54	17	4
Vt	57	63	64	54	1	25	9	8	21	20	8	2
Va	546	645	661	577	10	271	140	97	213	199	70	14
Wash	476	582	612	532	11	250	119	81	201	190	64	16
W. Va	262	235	235	208	6	108	41	35	63	59	22	5
Wis	590	577	590	511	15	237	99	84	186	175	63	16
Wyo	53	48	45	39	1	20	7	5	14	13	5	1
P.R	157	158	170	141	3	43	55	48	48	47	23	6
Other areas	40	65	73	60	4	5	1	(z)	53	51	10	3

Z Fewer than 500. [1] Includes living Spanish American War veterans, 209 in 1979. [2] See footnote 2, table 633. [3] See footnote 4, table 633. [4] Aug. 5, 1964, to May 7, 1975. [5] See footnote 6, table 632. [6] Service after May 7, 1975, only.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 639. Veterans Benefits—Expenditures From Appropriated Funds, by War: Total and 1940 to 1979

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Refers to expenditures of VA and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970,* series Y 971-983]

period or YEAR	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict	Service between Korea and Vietnam only	Vietnam [1]	Peacetime
Total	**[2] 317,734**	**191**	**6,574**	**5,798**	**63,504**	**147,456**	**27,015**	**9,094**	**45,812**	**10,171**
To 1939	[2] 18,914	147	6,356	1,537	8,557	(X)	(X)	(X)	(X)	198
1940-1944	3,016	14	102	663	1,840	261	(X)	(X)	(X)	116
1945-1949	27,139	11	49	798	2,783	23,317	(X)	(X)	(X)	181
1950-1954	25,564	7	28	821	4,638	18,878	823	(X)	(X)	369
1955-1959	24,723	5	15	696	6,835	10,956	5,674	(X)	(X)	542
1960-1964	28,466	2	13	528	9,365	13,421	4,142	(X)	(X)	995
1965-1969	34,673	(Z)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974	*57,154*	*3*	*5*	*229*	*9,584*	*23,474*	*4,707*	*3,496*	*13,676*	*1,980*
1975-1979	98,085	2	(Z)	192	10,256	40,397	8,013	4,029	30,805	4,391
1970	8,905	(Z)	1	54	1,944	3,881	898	481	1,328	318
1971	10,240	(Z)	1	51	1,917	4,317	865	648	2,083	358
1972	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
1976	18,798	1	(Z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 [3]	*23,063*	(Z)	(Z)	45	2,401	9,616	1,900	617	7,447	1,037
1978	19,529	(Z)	(Z)	35	2,001	8,421	1,686	532	5,902	952
1979	20,276	(Z)	(Z)	35	2,096	9,140	1,830	545	5,555	1,075

X Not applicable. Z Less than $500,000. [1] *Service from Aug. 5, 1964, to May 7, 1975.* [2] *Includes $70 million* for the Revolutionary War and $49 million for the War of 1812. [3] 15 mos. ending Sept.

No. 640. Veterans Compensation and Pension Benefits—Number on Rolls and Average Payment, by Period of Service: 1960 to 1979

[As of **June 30** except, beginning **1978,** as of **Sept. 30.** Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected *disabilities. Deceased refers to deceased veterans whose dependents were receiving pensions and compensation benefits.* See also *Historical Statistics, Colonial Times to 1970,* series Y 998-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)						AVERAGE PAYMENT (annual basis) [1]				
	1960	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
Total	**3,960**	**4,511**	**4,722**	**4,855**	**4,905**	**4,769**	**$909**	**$1,108**	**$1,496**	**$1,866**	**$2,117**
Living veterans	3,009	3,217	3,181	3,227	3,283	3,240	925	1,159	1,631	2,070	2,331
Service connected	2,027	1,993	2,092	2,220	2,259	2,266	848	1,136	1,699	2,221	2,431
Nonservice connected	982	1,224	1,089	1,006	1,024	974	1,050	1,204	1,481	1,727	2,098
Deceased veterans	*951*	*1,294*	*1,541*	*1,628*	*1,622*	*1,529*	869	1,000	1,227	1,454	1,662
Service connected	391	365	372	369	362	361	1,284	1,732	2,375	3,131	3,410
Nonservice connected	560	929	1,169	1,259	1,260	1,168	706	768	890	972	1,122
Prior to World War I	116	*78*	48	27	18	16	868	1,012	1,139	1,238	1,317
Living	33	14	4	1	1	-	1,197	1,618	1,896	2,371	2,386
Deceased	83	64	43	26	17	16	796	950	1,098	1,202	1,288
World War I	1,491	1,673	1,405	1,046	845	755	937	1,030	1,159	1,346	1,544
Living	1,026	1,104	771	430	279	231	1,058	1,228	1,527	2,081	2,395
Deceased	*465*	*568*	*634*	*616*	566	524	703	789	902	984	1,169
World War II	1,964	2,243	2,463	2,612	2,680	2,607	867	1,080	1,478	1,806	2,054
Living	1,633	1,698	1,787	1,880	1,932	1,899	842	1,100	1,566	1,938	2,198
Deceased	331	545	676	732	748	708	943	1,024	1,252	1,465	1,669
Korean conflict [2]	*253*	*309*	366	*428*	465	456	1,008	1,266	1,722	2,122	2,387
Living	213	240	265	292	316	318	966	1,284	1,865	2,338	2,641
Deceased	40	69	101	136	149	138	1,157	1,218	1,414	1,664	1,805
Regular establishment	136	209	234	242	271	269	991	1,244	2,066	2,664	2,859
Living	103	161	185	194	222	240	783	1,022	1,886	2,450	2,634
Deceased	*32*	*48*	*48*	*48*	*49*	*49*	1,692	2,095	2,784	3,643	3,957
Vietnam era [3]	(X)	(X)	207	500	633	645	(X)	1,556	1,843	2,312	2,534
Living	(X)	(X)	169	430	519	552	(X)	1,411	1,749	2,227	2,452
Deceased	(X)	(X)	38	70	14	93	(X)	2,197	2,418	2,801	3,021

- Represents zero. X Not applicable. [1] Averages calculated by multiplying average monthly payment by 12. [2] Service during period June 27, 1950, to Jan. 31, 1955. [3] Service from Aug. 5, 1964, to May 7, 1975.

Source of tables 639 and 640: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and *unpublished data.*

NO. 641. VETERANS BENEFITS—EXPENDITURES, BY PROGRAM: 1968 TO 1979

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** For 1968 on a nonaccrued expenditure basis; thereafter on an accrued expenditure basis. New data series begins with 1968 to reflect current programs and methods of presentation. See table 642 for earlier data]

PROGRAM	1968	1970	1973	1974	1975	1976	1977	1978	1979
Total [1]	**8,495**	**10,201**	**13,974**	**15,282**	**18,003**	**20,168**	**20,285**	**20,937**	**22,148**
Compensation and pensions [2]	4,596	5,330	6,519	6,735	7,551	8,242	9,038	9,630	10,540
Educational assistance and readjustment benefits	477	1,047	2,745	3,269	4,529	5,543	3,891	3,337	2,770
Post-Korean veterans education [3]	407	939	2,513	3,006	4,165	5,029	3,567	3,027	2,450
Dependents educational assistance	37	52	100	116	163	186	202	217	204
Vocational rehabilitation [4]	23	42	72	68	73	85	101	100	96
Automobiles, etc., for disabled veterans	3	6	7	5	17	19	13	14	12
Housing for paraplegics	4	8	13	11	14	14	14	14	23
Changes in receivables	(z)	1	40	63	97	210	−6	−35	−15
Medical services and administ. expenses [5]	1,621	2,009	2,966	3,290	3,919	3,997	5,073	5,684	6,206
Hospital and domiciliary construction [4 6]	50	75	95	109	136	224	262	288	293
Insurance and indemnities [7]	1,090	1,181	965	1,128	1,345	1,249	1,026	1,009	1,433
Loan guaranty revolving fund [4]	328	249	373	449	423	484	521	514	453
Direct loans [4]	208	180	104	82	84	89	97	73	57
Miscellaneous expenditures [8]	124	131	206	221	17	340	374	402	396

Z Less than $500,000. [1] Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. [2] Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses; therefore, total for 1970–1974 differs from that shown in table 642 which excludes these items. [3] Program initiated June 1966. Includes Post-Vietnam veterans. [4] Except as noted, comparable with data presented in table 642. [5] Not comparable with data in table 642. 1968–1970 includes National Cancer Institute expenditures (transfer to Veterans Administration). [6] Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities. [7] Comparable with sum of insurance and servicemen's indemnities, and transfers to insurance trust funds in table 642. [8] Not comparable with data in table 642.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

NO. 642. VETERANS BENEFITS—EXPENDITURES: 1940 TO 1974

[**In millions of dollars, except percent.** For years ending **June 30.** Refers to expenditures of Veterans Administration and includes trust, deposit, and working funds. This form of presentation discontinued by VA; for current data, see table 641. See also *Historical Statistics, Colonial Times to 1970,* series Y 984–997]

PROGRAM	1940–1944	1945–1949	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1973	1974
Total [1]	**3,236**	**21,864**	**31,045**	**28,204**	**33,063**	**39,746**	**63,046**	**13,906**	**14,977**
Compensation and pensions	2,230	7,392	10,978	14,500	18,251	22,108	30,067	6,427	6,615
Percent of total	68.9	33.8	35.4	51.4	55.2	55.6	47.7	46.2	44.2
Readjustment benefits:									
Education and training [2]	–	7,680	7,076	3,481	910	1,463	10,206	2,613	3,121
Vocational rehabilitation [3]	1	943	646	158	61	103	306	72	68
Loan guaranty	–	185	338	330	1,182	1,722	1,661	373	449
Direct loans	–	–	359	791	1,335	842	626	104	82
Miscellaneous benefit payments [4]	93	165	272	310	506	700	876	207	200
Medical, hospital, and domiciliary services [5]	420	1,825	3,225	3,930	5,105	6,670	11,615	2,715	2,834
Hospital and domiciliary facilities [6]	30	345	508	174	296	318	474	95	109
Insurance and servicemen's indemnities [7]	356	1,923	6,433	3,664	4,540	4,841	5,635	954	1,124
Administration	107	1,406	1,210	869	880	977	1,580	346	375
Expenditures from appropriated funds	3,016	27,138	25,565	24,720	28,468	34,674	55,477	12,333	13,408
Transfers to insurance trust funds	149	3,587	882	158	45	43	52	11	4

– Represents zero. [1] Excludes transfers from appropriations to insurance trust funds from which the actual payments are made, and expenditures from VA Revolving Supply Fund. Includes expenditures from personal funds of patients. [2] Includes education and training allowances for veterans and servicemen, and educational assistance for wives, widows, sons, and daughters of deceased or totally disabled veterans. [3] Includes subsistence allowances, tuition, supplies, and equipment for training of disabled veterans. [4] Includes payments and allowances for various programs such as unemployment and self employment allowances, automobiles and other conveyances for disabled veterans, etc. [5] Estimated; includes expenditures for hospital and domiciliary care, outpatient medical and dental treatment, medical research, and grants to Republic of Philippines for medical care and treatment of veterans. [6] Comprises construction and related costs, and amounts transferred to Dept. of Army, Corps of Engineers, for construction of hospitals. [7] Includes direct payments to beneficiaries from insurance appropriation, servicemen's indemnities, and benefits and dividends paid from insurance trust funds. Also includes some noncash transactions (e.g., interest credited to dividends left on deposit).

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

NO. 643. VETERANS BENEFITS—SELECTED FEDERAL EXPENDITURES, STATES AND OTHER AREAS: 1976 TO 1979

[*In millions of dollars.* **1976,** year ending **June 30;** thereafter, years ending **Sept. 30.** State data are estimates]

STATE OR OTHER AREA	1976, total expenditures	1977, total expenditures	1978					1979				
			Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities	Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities
Total	**19,032**	**19,144**	**19,798**	**9,456**	**3,344**	**5,698**	**959.2**	**20,730**	**10,324**	**2,750**	**6,225**	**1,092.0**
U.S	18,644	18,756	19,381	9,183	3,276	5,631	952.5	20,294	10,023	2,694	6,154	1,084.9
Ala	383	384	396	188	89	104	12.1	412	208	75	113	13.0
Alaska	21	23	26	7	4	13	1.3	28	8	4	15	.4
Ariz	273	284	293	128	71	74	13.0	305	145	56	85	16.5
Ark	260	286	294	161	42	79	7.1	316	178	36	84	10.8
Calif	2,127	1,958	1,947	779	455	569	120.2	1,951	850	358	609	118.0
Colo	265	255	264	110	68	69	14.5	272	122	56	77	14.8
Conn	198	195	205	92	29	63	18.0	208	99	24	66	17.7
Del	50	53	52	20	8	20	3.0	53	22	7	21	2.8
D.C	381	379	435	39	10	346	7.0	527	40	8	436	6.8
Fla	896	951	1,004	557	167	221	52.0	1,112	643	143	241	69.0
Ga	472	493	504	262	100	120	19.1	555	292	81	138	23.0
Hawaii	75	60	64	25	23	10	6.0	64	28	21	11	4.0
Idaho	76	81	70	34	12	14	3.3	72	37	12	15	4.5
Ill	732	715	739	278	112	287	47.6	747	296	89	308	48.0
Ind	325	320	327	169	55	85	15.2	353	182	47	93	19.0
Iowa	213	223	230	100	33	78	12.0	234	106	26	84	15.7
Kans	195	203	210	90	35	73	10.0	216	96	29	78	11.4
Ky	303	314	319	181	49	72	9.4	336	197	41	79	13.9
La	310	320	333	182	52	84	12.0	359	198	44	93	18.8
Maine	116	117	122	65	20	29	4.3	131	71	17	32	4.0
Md	304	273	290	145	52	67	19.3	301	157	43	72	22.5
Mass	569	580	599	311	76	176	29.0	625	336	63	187	33.2
Mich	607	562	564	296	100	136	29.3	577	316	76	149	32.7
Minn	341	353	353	158	57	110	20.6	359	166	47	117	22.8
Miss	227	243	253	146	31	64	7.0	273	162	27	71	9.5
Mo	449	439	449	207	72	142	19.0	460	222	57	154	23.3
Mont	66	68	72	33	11	17	3.5	76	36	9	19	5.3
Nebr	135	141	147	60	29	48	7.0	147	65	23	51	6.7
Nev	59	59	63	29	13	17	3.2	71	33	11	21	4.0
N.H	80	82	85	44	16	18	4.2	89	49	14	18	6.2
N.J	428	427	438	237	58	103	38.4	451	254	46	109	38.4
N. Mex	127	133	142	75	27	34	5.5	151	83	24	38	5.2
N.Y	1,341	1,359	1,408	663	139	493	81.6	1,468	713	111	526	95.2
N.C	503	511	523	270	119	116	16.1	549	298	99	126	21.3
N. Dak	50	50	52	21	11	16	2.5	53	22	9	17	3.2
Ohio	729	729	748	385	107	204	41.1	783	411	85	219	52.9
Okla	303	320	324	189	60	61	11.0	337	208	49	65	11.0
Oreg	217	223	230	108	43	66	11.0	243	119	36	73	13.1
Pa	854	859	897	477	92	268	52.2	949	513	77	289	59.6
R.I	105	98	99	50	16	27	4.3	103	54	13	29	5.1
S.C	262	270	291	131	77	60	9.5	301	144	66	69	13.4
S. Dak	84	93	93	34	12	40	3.0	95	36	10	43	2.2
Tenn	416	432	444	213	80	134	13.1	468	233	66	147	16.7
Tex	1,203	1,260	1,318	673	256	326	51.2	1,399	747	218	358	66.0
Utah	101	100	110	36	26	36	5.0	112	40	22	37	4.5
Vt	43	49	51	23	4	17	2.0	54	26	4	19	2.0
Va	441	465	490	246	86	118	28.0	522	271	77	126	29.5
Wash	363	374	377	173	81	99	20.4	387	188	69	108	18.0
W. Va	188	204	209	106	29	66	5.4	222	114	23	70	7.3
Wis	335	338	361	161	50	119	20.0	369	172	41	126	20.0
Wyo	43	48	49	15	6	20	1.7	49	17	5	22	2.0
P. Rico	226	223	240	141	34	64	1.2	257	159	28	69	1.7
Outlying areas	4	4	4	2	1	-	.3	4	3	1	-	.3
Foreign	158	161	172	130	33	4	5.1	175	140	27	2	5.0

- Represents zero. [1] Includes expenditures not shown separately. 1978 excludes $1,140 million, and 1979 excludes $1,418, shown in table 641 for expenditures not distributed by States. [2] Excludes statutory burial awards and other expenses which are included in table 641. [3] Educational assistance for wives and widows, sons and daughters of deceased or totally disabled veterans, and post-Korean conflict veterans. Excludes benefits paid to disabled veterans training under the Vocational Rehabilitation program.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 644. Veterans Administration Health Care Summary: 1970 to 1979

[For years ending **June 30** except, beginning **1979,** ending **Sept. 30**]

ITEM	1970	1975	1979	ITEM	1970	1975	1979
Facilities operating:				Inpatients treated [2] (1,000)	879	1,220	1,342
Hospitals	166	171	172	VA facilities (1,000)	821	1,143	1,259
Domiciliaries	16	18	16	Other facilities (1,000)	58	77	83
Outpatient clinics	202	213	224				
Nursing home units	63	85	92	Avg. daily inpatients [3] (1,000)	117	114	107
				VA facilities (1,000)	102	96	86
Employment [1] (1,000)	139	173	191	Other facilities (1,000)	15	18	21
Operating costs (mil. dol.)	1,775	3,461	5,438	Outpatient medical visits (mil.)	7.3	14.6	17.2
Medical care (mil. dol.)	1,694	3,326	5,275	VA staff (mil.)	6.1	12.6	15.0
Research in health care (mil. dol.)	60	95	116	Fee-basis (mil.)	1.2	2.0	2.2
Other (mil. dol.)	21	37	47	Outpatient dental care:			
				VA staff-exams (1,000)	131.5	85.8	128.1
Prescriptions dispensed (mil.)	(NA)	28.0	35.8	VA cases completed (1,000)	81.1	83.7	134.7
Laboratory procedures (mil.)	(NA)	147	203	Fee-basis authorized (1,000)	54.7	130.9	89.8
Radiology examinations (mil.)	(NA)	5.4	5.7				

NA Not available. [1] Net full-time equivalent. [2] Includes discharges during year and patients remaining.
[3] Patients receiving hospital care and veterans receiving domiciliary care and nursing bed care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 645. Patients Receiving Health Care Authorized by Veterans Administration, and Operating Expenses of VA Medical Centers: 1960 to 1979

[In thousands, except as indicated. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970,* series Y 1010-1027, for related data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Patients admitted to hospitals [1]	539.2	628.0	711.3	991.5	1,069.8	1,136.3	1,171.0	1,193.6	1,191.0
VA medical centers [2]	511.3	602.1	687.0	964.5	1,036.1	1,102.3	1,133.4	1,157.7	1,162.5
Psychiatric beds [3]	41.4	57.7	97.3	148.8	154.4	162.0	159.9	159.1	159.8
Medical and surgical beds [4]	469.8	544.4	589.7	815.7	881.7	940.3	973.5	998.6	1,002.8
Non-VA and State hospitals	27.9	25.9	24.3	27.0	33.7	34.0	37.2	35.9	28.4
Patients receiving hospital care (average daily number) [1]	114.4	111.8	87.5	83.5	82.3	80.5	76.7	74.4	71.0
VA medical centers—hospital care component	111.4	109.2	85.5	81.4	80.0	78.3	75.3	73.0	69.8
Psychiatric beds [3]	56.7	55.4	39.5	26.8	26.1	24.8	23.5	22.8	21.6
Medical and surgical beds [4]	54.7	53.7	46.0	54.6	53.9	53.5	51.8	50.2	48.2
Patients receiving care (average daily number):									
Domiciliary	26.3	23.6	18.7	15.6	15.0	14.7	14.2	14.0	13.7
Veterans Administration	16.9	14.4	12.0	9.7	9.2	9.1	9.0	8.7	8.4
State	9.4	9.1	6.7	5.9	5.8	5.6	5.2	5.2	5.3
Reimbursement by Federal Govt. per patient treated [5]	(NA)	$451	$654	$768	$788	$794	$1,226	$1,029	$1,022
Nursing bed care	(NA)	.3	9.8	15.3	17.0	17.9	19.3	20.4	21.0
VA medical centers	(NA)	.2	3.8	6.4	6.7	7.0	7.2	7.4	7.7
State homes	(NA)	.2	2.4	4.0	4.1	4.2	4.6	5.0	5.2
Community nursing homes	(NA)	(Z)	3.6	4.9	6.2	6.7	7.5	8.0	8.1
Reimbursement by Federal Govt. per patient treated: [5]									
State [5]	(NA)	$287	$1,024	$1,138	$1,151	$1,117	$2,569	$2,123	$2,073
Community [5]	(NA)	$258	$1,339	$1,794	$2,128	$2,413	$2,796	$3,073	$3,490
Visits by veterans for outpatient medical care	3,611	5,987	7,312	12,266	14,630	16,410	17,045	17,416	17,262
VA medical centers [2]—									
Average operating beds	120	119	103	96	95	94	92	90	88
Psychiatric hospitals	55	56	42	26	22	21	19	18	(NA)
General hospitals	65	63	61	70	73	73	73	73	(NA)
Operating expenses (mil. dol.)	763	946	1,279	1,937	2,212	2,517	2,838	3,174	3,649
Per diem cost	$18	$24	$38	$65	$76	$88	$103	$119	$134
Cost per patient treated	(NA)	(NA)	$1,524	$1,855	$1,984	$2,135	$2,346	$2,583	$2,772
Operating beds in VA nursing units and domiciliaries	17	17	18	18	17	17	18	18	18

NA Not available. Z Fewer than 50. [1] Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans. Beginning 1970, includes data for State Home hospitals.
[2] Hospital care component. [3] 1960, neurological patients included in "Psychiatric"; thereafter, in "General."
[4] Includes tuberculosis patients. [5] Excludes costs for VA nursing bed care and VA domiciliary care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

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NO. 646. VA HOSPITALS—COMPENSATION AND PENSION STATUS OF PATIENTS REMAINING AND PATIENTS DISCHARGED: 1979

[**In thousands.** For years ending **Sept. 30**]

PATIENT STATUS	Total	WITH DISABILITY—					Non-veterans
		Service connected	Non-service connected				
			Total	On VA pension rolls	With service connected compensable disability [1]	With no pension or compensation	
Patients remaining in hospital, total [2]	70.0	12.3	57.5	18.7	8.5	30.4	.2
General medical and surgical	32.0	3.2	28.8	9.1	5.3	14.4	.1
Psychoses	17.8	6.7	11.0	4.5	1.0	5.5	.1
Other psychiatric	12.1	1.3	10.7	2.7	1.4	6.7	(z)
Patients discharged, total [2]	926.8	99.1	815.3	196.3	152.7	466.3	6.1
General medical and surgical	645.5	49.2	592.3	151.7	119.4	321.2	3.8
Psychoses	78.5	31.3	46.3	11.1	5.5	29.7	.9
Other psychiatric	134.0	11.9	121.3	19.4	17.9	84.0	.8

Z Fewer than 50. [1] Compensable disability which does not require medical care. [2] Total includes 6,300 patients with compensation and pension status unknown.

NO. 647. VETERANS ASSISTANCE TO PERSONS IN VOCATIONAL PROGRAMS: 1970 TO 1979

[**In thousands.** For years ending **June 30**, except as noted. Represents persons in training during year]

PROGRAM	1970	1972	1973	1974	1975	1976	1977 [1]	1978 [1]	1979 [1]
Post-Korea Education Assistance [2]	1,211	1,864	2,126	2,359	2,692	2,822	1,938	1,522	1,279
Institutions of higher education	677	1,061	1,177	1,333	1,693	1,924	1,380	1,144	968
Resident schools other than college	417	359	333	383	420	450	314	211	175
Correspondence schools		282	427	431	387	302	132	73	51
On-the-job training	117	162	189	212	192	146	112	94	84
Children's Educational Assistance	45.4	55.0	57.7	63.0	71.4	80.7	88.2	88.3	85.7
Institutions of higher education	40.7	49.3	52.0	57.1	64.7	73.0	80.3	80.4	77.9
Schools other than college	4.6	5.7	5.6	5.5	6.3	7.2	7.4	7.3	7.2
Special restorative training	.1	.1	.1	.1	.1	.1	.1	.1	.1
On-the-job training	–	–	.1	.3	.4	.4	.5	.5	.5
Spouses, Widows/Widowers Educational Assistance Program	7.1	9.6	10.5	13.0	16.5	19.1	19.5	19.4	17.3
Institutions of higher education	3.9	6.5	7.6	9.4	12.2	14.5	15.5	15.6	14.0
Schools other than college	3.2	3.1	2.9	3.5	4.3	4.5	4.0	3.8	3.2
On-the-job training [3]	(z)	(z)	(z)	.1	.1	.1	(z)	(z)	(z)
Vocational Rehabilitation Program for Disabled Veterans	24.5	31.6	29.5	27.0	[4] 24.8	[5] 29.4	33.2	31.0	29.5
Institutions of higher education	14.9	22.1	21.0	19.5	18.5	21.0	25.0	23.2	21.7
Schools other than college	7.9	7.6	6.6	5.7	4.9	6.0	7.0	6.5	6.5
On-the-job training	1.4	1.7	1.7	1.6	1.3	1.0	1.0	1.2	1.1
Institutional on-farm	.2	.2	.2	.2	.2	.2	.2	.2	.1

– Represents zero. Z Fewer than 50. [1] Year ending Sept. 30. [2] Includes Post-Vietnam veterans. [3] *Includes special restorative training.* [4] Estimated. [5] Total includes 1,200 with type of training unknown.

Source of tables 646 and 647: U.S. Veterans Administration. *Annual Report of Administrator of Veterans Affairs.*

NO. 648. VETERANS LIFE INSURANCE: 1950 TO 1979

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Policies in force, number	Millions	7	6	6	6	5	5	5	5	5	5
Coverage	Bil. dol	45.3	42.7	42.0	39.4	37.5	[1] 34.7	[1] 34.0	[1] 33.3	[1] 32.6	[1] 31.8
Benefit payments, total	Mil. dol	879	366	491	522	718	867	928	995	1,049	1,169
Death payments [2]	Mil. dol	204	114	162	219	301	359	374	382	393	401
Dividends	Mil. dol	625	196	262	222	274	376	403	444	482	562
Other	Mil. dol	50	56	67	81	143	132	151	169	174	206
Suppl. payments [3]	Mil. dol	325	319	307	238	216	183	184	178	170	175

[1] Excludes dividend additions. [2] Face amounts of claims incurred during year, including amounts left to be paid under supplementary contracts. [3] Total payments from accumulated insurance policy proceeds left to be paid in monthly installments, and withdrawals of dividend accumulations.

Source: U.S. Veterans Administration. Data in American Council of Life Insurance, New York, N.Y., *Life Insurance Fact Book, annual.*

NO. 649. VETERANS LIFE INSURANCE, BY TYPE: 1960 TO 1979

TYPE OF INSURANCE	1960	1965	1970	1975	1976	1977	1978	1979
NUMBER OF POLICIES IN FORCE (Dec. 31) (1,000)								
National Service Life Insurance [1]	5,244	4,833	4,388	3,981	3,893	3,808	3,725	3,645
Veterans Special Life Insurance [2]	661	639	617	587	582	576	566	542
U.S. Government Life Insurance [3]	315	247	191	141	132	123	114	106
Service-Disabled Vet. Insurance [4]	45	62	105	164	171	177	183	187
Veterans Reopened Insurance [5]	(x)	74	193	181	179	176	173	170
INSURANCE IN FORCE (Dec. 31) (mil. dol.)								
National Service Life Insurance [1]	34,380	31,614	28,959	26,195	25,564	24,953	24,344	23,744
Veterans Special Life Insurance [2]	5,868	5,615	5,405	5,137	5,089	5,034	4,937	4,724
U.S. Govt. Life Insurance [3]	1,388	1,079	823	593	551	510	471	433
Service-Disabled Vet. Insurance [4]	394	534	936	1,481	1,541	1,601	1,653	1,692
Veterans Reopened Insurance [5]	(x)	528	1,350	1,264	1,245	1,225	1,203	1,179
INSURANCE DISBURSEMENTS (mil. dol.)								
National Service Life Insurance [1]	673.0	645.8	793.1	891.8	946.9	998.3	1,030.9	1,116.5
Veterans Special Life Insurance [2]	7.8	11.5	22.1	30.6	34.7	40.4	54.2	75.6
U.S. Govt. Life Insurance [3]	110.3	93.5	96.6	86.7	87.2	87.1	85.3	84.6
Service-Disabled Vet. Insurance [4]	6.3	9.5	17.8	24.4	25.6	27.2	28.0	28.8
Veterans Reopened Insurance [5]	(x)	6.9	11.1	16.8	18.6	20.4	21.6	39.6

X Not applicable. [1] Issued to veterans of World War II. [2] Issued to veterans of Korean conflict separated from service without a service-connected disability. Program initiated April 1951. [3] Issued to veterans of World War I. [4] Issued to World War II, Korea, and Vietnam veterans separated after April 24, 1951, with a service-connected disability. Program initiated April 1951. [5] Issued to World War II and Korean conflict veterans with service-connected or serious non-service-connected disabilities. Program initiated May 1965.

Source: U.S. Veterans Administration, *Government Life Insurance Programs for Veterans and Members of the Services*, annual.

NO. 650. NATIONAL SERVICE LIFE INSURANCE (NSLI) POLICIES IN FORCE, BY PLAN: 1950 TO 1979

[As of **June 30** except, beginning **1977**, as of **Dec. 31**. Covers veterans of World War II and later conflicts]

PLAN	NUMBER (1,000)						COVERAGE (mil. dol.)					
	1950	1960	1965	1970	1975	1979	1950	1960	1965	1970	1975	1979
All plans	**5,620**	**5,283**	**4,863**	**4,388**	**3,981**	**3,645**	**35,809**	**34,650**	**31,802**	**28,959**	**26,195**	**23,744**
5-year term	3,782	3,092	2,681	2,000	1,516	1,223	27,592	23,759	20,606	15,441	11,782	9,553
Life:												
Modified [1]	(x)	(x)	3	264	411	451	(x)	(x)	21	2,097	3,194	3,361
Ordinary	310	463	506	612	642	644	1,659	2,814	3,169	3,925	4,138	4,135
20-payment	909	970	948	901	856	817	3,761	4,287	4,277	4,139	3,966	3,807
30-payment	319	410	408	395	377	359	1,592	2,218	2,243	2,183	2,088	1,998
Endowment:												
20-year	141	142	119	38	26	25	474	530	453	206	165	166
At age 60	68	93	89	80	66	49	349	509	493	445	376	284
At age 65	33	59	61	61	56	49	177	353	374	377	355	319
Extended	58	54	48	37	31	28	205	180	166	146	131	121

X Not applicable. [1] Modified life, a new form of NSLI, became available May 1, 1965.

Source: U.S. Veterans Administration; through 1965, *Annual Report of Administrator of Veterans Affairs;* thereafter, *Government Life Insurance Programs,* annual, and unpublished data.

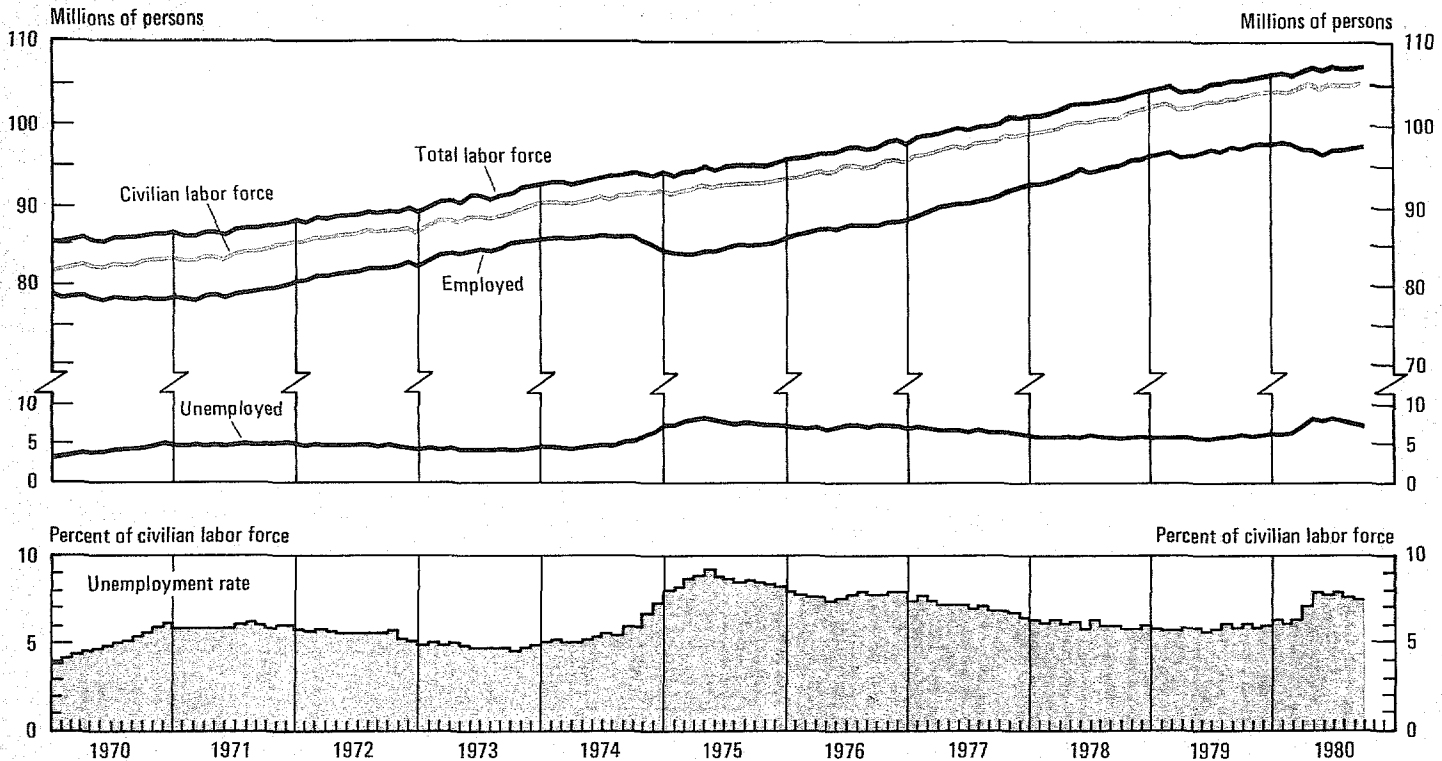
NO. 651. VETERANS GUARANTEED AND INSURED LOANS: 1960 TO 1979

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**, See table 1432 for VA loan characteristics]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Number of loans	1,000	178.8	176.3	186.2	290.2	326.7	382.6	380.9	364.6
Home	1,000	177.2	176.0	186.2	288.2	325.0	379.8	376.6	357.8
Amount of loans	Mil. dol	2,376	2,765	3,683	8,091	9,951	13,136	14,608	16,043
Home	Mil. dol	2,369	2,763	3,682	8,072	9,930	13,099	14,548	15,926
Guaranty and insurance	Mil. dol	1,216	1,247	1,971	3,702	4,878	5,951	6,116	7,342
Home	Mil. dol	1,215	1,246	1,971	3,696	4,872	5,933	6,086	7,284

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

Figure 13.1
Trends in the Labor Force: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 655.

1980
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Section 13

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Current Population Survey conducted by the U.S. Bureau of the Census; and the monthly *Employment and Earnings,* the *Monthly Labor Review,* the annual *Handbook of Labor Statistics,* and the periodic *Special Labor Force Reports,* published by the U.S. Bureau of Labor Statistics. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classification can be readily derived only from establishment records.

Data based on households are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 1). CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from CPS are published by the Bureau of Labor Statistics (BLS) in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals, by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work, and industry and occupational groups; and the number unemployed, reasons for, and duration of, unemployment. Annual data shown in this section are monthly averages for each calendar year, unless otherwise specified.

In addition to monthly national data, CPS also produces annual estimates of employment and unemployment for each State and the 30 largest standard metropolitan statistical areas (SMSA's). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment.* More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1978, reporting establishments employed 11 million manufacturing workers (56 percent of the total manufacturing employment at the time), 11 million workers in nonmanufacturing industries (24 percent of the total in nonmanufacturing), and 10 million Federal, State, and local government employees (68 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with CPS, the week including the 12th of the month). Thus, unlike CPS, a person with two jobs is counted twice.

The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average

weekly hours, average hourly and weekly earnings, and labor turnover. Establishment survey data are published in *Employment and Earnings* and *Monthly Labor Review,* cited above. Historical data, in geographic detail, are shown in BLS Bulletin No. 1370-13, *Employment and Earnings, States and Areas, 1939-78;* and in the *Handbook of Labor Statistics.*

Labor force.—According to CPS definitions, the total labor force comprises the Armed Forces and the civilian labor force, and the latter comprises all civilians classified according to the criteria below: Employed persons comprise (a) all civilians who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all persons who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, bad weather, vacation, labor-management dispute, etc.). Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force."

Information from the 1970 Census of Population introduced into estimation procedures in 1972, led to increases in the totals for civilian noninstitutional population, labor force, and employment, but had essentially no effect on unemployment levels and rates. A population adjustment, introduced in March 1973, also affected the statistics by race but had little effect on totals or rates. Further changes were caused by the comprehensive revision in classification of occupations and industries for the 1970 census, and from inclusion of a question on major activities or duties in the December 1971 CPS. As a result, comparisons of occupational employment levels between 1971-1972 and prior periods and between those two years should be made with caution. The 1972 data, however, are comparable with those for later years. Beginning in 1978, expansion of the CPS sample and revisions in the estimation procedure once again led to upward adjustments in the civilian labor force and employment totals. Unemployment levels were essentially unchanged.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Persons who worked 35 hours or more are classified as working full time; those working less than 35 hours are considered part-time workers (see table 702).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the *Standard Industrial Classification* (SIC) *Manual,* Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division; food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy. As mentioned above, the occupational and industrial groups used in classifying data from the CPS household interviews are defined as in the 1970 Census of Population.

Productivity.—BLS publishes measures of productivity under two major programs which measure the relationship between production and one factor of input, labor time. The first program is concerned with measures relating to private business as a whole and its various subsectors; the second provides measures for selected specific industries and various functional areas of the Federal civilian government. Data for the first program are published quarterly in the BLS press releases, *Productivity and Costs: Private Business, Nonfarm Business,* and *Manufacturing Sectors,* and *Productivity and Costs: Nonfinancial Corporate Sector.* Data for the second program are published annually in the BLS Bulletin, *Productivity Indexes for Selected Industries.* Conceptual and background information concerning the Federal-sector measures appears in *Monthly Labor Review,* Nov. 1974. Detailed information on methods, limitation, and data sources for both programs appears in BLS *Handbook of Methods,* BLS Bulletin 1910 (1976), chapters 30 and 31.

Labor turnover.—Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, relating to a calendar month, is divided into two broad types: Accessions (new hires and rehires), and

separations (quits, layoffs, and terminations). The data cover all workers, temporary or permanent, and full- or part-time.

Unions.—As defined here, unions include all affiliates of the AFL-CIO, all unaffiliated national unions, and all unaffiliated unions which are party to collective bargaining agreements with different employers in more than one State. The definition excludes unions whose activities are confined to a single locality or to a single employer. In addition, BLS accounts for all unions of Federal Government employees that have received exclusive recognition. Collective bargaining settlements data are available for unions of 1,000 members or more.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS and its cooperating agencies which last for at least one full day or shift and involve six or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

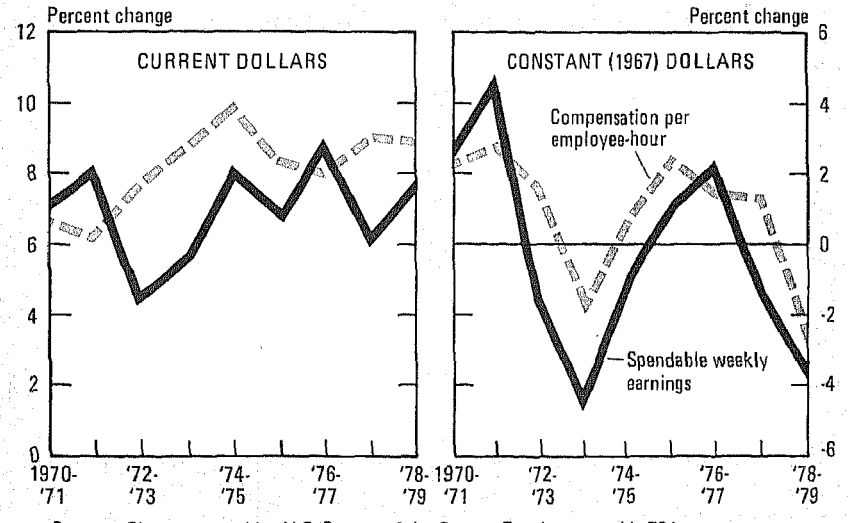
Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other non-seasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

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

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

Figure 13.2

Earnings and Compensation—Annual Percent Changes: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 701.

NO. 652. LABOR FORCE AND EMPLOYMENT: 1947 TO 1980

[**Persons 16 years old and over.** Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970,* series D 11-19 and D 85-86]

YEAR	Total noninstitutional population[1] (mil.)	TOTAL LABOR FORCE[1]			CIVILIAN LABOR FORCE							NOT IN LABOR FORCE	
		Total (mil.)	Percent		Total (mil.)	Female		Employed		Unemployed		Total (mil.)	Percent of noninstitutional population
			Of noninstitutional population	Average annual change[2]		Total (mil.)	Percent of civilian labor force	Total (mil.)	Percent of noninstitutional population	Total (mil.)	Percent of civilian labor force		
1947	103.4	60.9	58.9	(x)	59.4	16.7	28.1	57.0	55.2	2.3	3.9	42.5	41.1
1950	106.6	63.9	59.9	1.6	62.2	18.4	29.6	58.9	55.2	3.3	5.3	42.8	40.1
1955	112.7	68.1	60.4	1.3	65.0	20.5	31.6	62.2	55.2	2.9	4.4	44.7	39.6
1960	119.8	72.1	60.2	1.2	69.6	23.2	33.4	65.8	54.9	3.9	5.5	47.6	39.8
1965	129.2	77.2	59.7	1.4	74.5	26.2	35.2	71.1	55.0	3.4	4.5	52.1	40.3
1967	133.3	80.8	60.6	2.3	77.3	28.4	36.7	74.4	55.8	3.0	3.9	52.5	39.4
1968	135.6	82.3	60.7	1.9	78.7	29.2	37.1	75.9	56.0	2.8	3.6	53.3	39.3
1969	137.8	84.2	61.1	2.3	80.7	30.5	37.8	77.9	56.5	2.8	3.5	53.6	38.9
1970	140.2	85.9	61.3	2.0	82.7	31.5	38.1	78.6	56.1	4.1	4.9	54.3	38.7
1971	142.6	86.9	61.0	1.2	84.1	32.1	38.2	79.1	55.5	5.0	5.9	55.7	39.0
1972	145.8	89.0	61.0	2.4	86.5	33.3	38.5	81.7	56.0	4.8	5.6	56.8	39.0
1973	148.3	91.0	61.4	2.3	88.7	34.5	38.9	84.4	56.9	4.3	4.9	57.2	38.6
1974	150.8	93.2	61.8	2.4	91.0	35.8	39.4	85.9	57.0	5.1	5.6	57.6	38.2
1975	153.4	94.8	61.8	1.7	92.6	37.0	39.9	84.8	55.3	7.8	8.5	58.7	38.2
1976	156.0	96.9	62.1	2.2	94.8	38.4	40.5	87.5	56.1	7.3	7.7	59.1	37.9
1977	158.6	99.5	62.8	2.7	97.4	40.0	41.0	90.5	57.1	6.9	7.0	59.0	37.2
1978	161.1	102.5	63.7	3.0	100.4	41.9	41.7	94.4	58.6	6.0	6.0	58.5	36.3
1979	163.6	105.0	64.2	2.4	102.9	43.4	42.2	96.9	59.3	6.0	5.8	58.6	35.8
1980, Jan.–May[3]	165.5	106.5	64.4	[4] 2.0	104.4	44.3	42.4	97.5	58.9	6.9	6.6	59.0	35.6

X Not applicable. [1] Includes Armed Forces. [2] Change from prior year shown here, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Monthly average; seasonally adjusted, except total population. [4] Average annual change from Jan.–May, 1979.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 653. LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE: 1960 TO 1979

[**Persons 16 years old and over.** Labor force data are annual averages of monthly figures. Includes Armed Forces. Rates are based on total population of each specified group as of July and represent proportion of each specified group in labor force. See also *Historical Statistics, Colonial Times to 1970,* series D 29-41]

RACE, SEX, AND AGE	TOTAL LABOR FORCE (millions)							PARTICIPATION RATES (percent)						
	1960	1965	1970	1975	1977	1978	1979	1960	1965	1970	1975	1977	1978	1979
Total	**72.1**	**77.2**	**85.9**	**94.8**	**99.5**	**102.5**	**105.0**	**59.2**	**58.8**	**60.3**	**60.9**	**61.8**	**62.6**	**63.1**
White	64.2	68.6	76.4	83.9	87.9	90.2	92.2	58.8	58.5	60.2	61.1	62.1	62.8	63.4
Male	44.1	45.9	48.8	51.6	53.1	53.9	54.6	82.6	80.4	79.7	78.1	78.0	78.0	78.0
Female	20.1	22.8	27.5	32.3	34.8	36.3	37.6	36.0	37.7	42.0	45.4	47.4	48.8	49.9
Black and other	7.9	8.6	9.5	10.9	11.7	12.4	12.7	63.0	62.1	61.1	58.8	59.4	61.2	61.3
Male	4.8	5.1	5.5	6.1	6.4	6.7	6.9	80.1	77.4	74.7	70.4	69.8	70.7	70.7
Female	3.1	3.5	4.0	4.8	5.3	5.7	5.9	47.2	48.1	48.9	48.7	50.4	52.8	53.1
Male	48.9	50.9	54.3	57.7	59.5	60.5	61.5	82.4	80.1	79.2	77.3	77.0	77.1	77.1
16–19 years	3.2	3.8	4.4	5.1	5.3	5.4	5.3	58.6	55.7	57.5	60.2	61.8	62.7	62.1
16–17 years	1.3	1.6	1.8	2.1	2.1	2.2	2.2	45.9	44.1	46.7	48.5	50.0	51.4	51.2
18–19 years	1.8	2.3	2.6	3.1	3.2	3.2	3.1	73.1	68.3	68.8	72.1	73.5	73.9	72.8
20–24 years	4.9	5.9	7.4	8.2	8.6	8.8	9.0	88.9	86.2	85.1	84.6	85.3	85.5	86.1
25–34 years	10.9	10.7	12.0	14.5	15.5	15.9	16.4	96.4	96.0	95.0	94.2	94.1	94.2	94.3
35–44 years	11.5	11.5	10.8	10.6	10.9	11.3	11.6	96.4	96.2	95.7	94.8	94.9	94.5	94.6
45–54 years	9.6	10.1	10.5	10.5	10.2	10.2	10.1	94.3	94.3	92.9	91.1	90.3	90.4	90.5
55–64 years	6.4	6.8	7.1	7.0	7.0	7.1	7.1	85.2	83.2	81.5	74.8	73.0	72.4	72.0
65 yr. and over	2.4	2.1	2.2	1.9	1.8	1.9	1.9	32.2	26.9	25.8	20.8	19.3	19.7	19.2
Female	23.2	26.2	31.6	37.1	40.1	42.0	43.5	37.1	38.8	42.8	43.7	47.8	49.3	50.3
16–19 years	2.1	2.5	3.3	4.1	4.3	4.5	4.5	39.1	37.7	43.7	49.0	51.3	53.7	54.3
16–17 years	.8	1.0	1.3	1.7	1.7	1.9	1.8	28.6	27.5	34.6	40.0	41.9	45.2	45.6
18–19 years	1.3	1.6	1.9	2.4	2.6	2.6	2.7	51.0	48.6	53.4	58.1	60.4	62.1	62.8
20–24 years	2.6	3.4	4.9	6.1	6.6	6.9	7.1	46.1	49.7	57.5	63.9	66.4	68.2	69.0
25–34 years	4.2	4.3	5.7	8.5	9.9	10.6	11.2	35.8	36.5	44.8	54.3	59.2	61.9	63.6
35–44 years	5.3	5.7	6.0	6.5	7.2	7.6	8.1	43.1	45.9	50.9	55.6	59.4	61.2	63.2
45–54 years	5.2	5.7	6.5	6.7	6.7	6.8	6.9	49.3	50.5	54.0	54.3	55.5	56.7	58.1
55–64 years	3.0	3.6	4.2	4.2	4.4	4.5	4.6	36.7	40.6	42.5	40.6	40.6	41.0	41.5
65 yr. and over	1.0	1.0	1.1	1.0	1.1	1.1	1.1	10.5	9.5	9.2	7.8	7.6	7.8	7.8

Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 654. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY SEX, BY STATE: 1976 AND 1979

[Annual averages of monthly figures. Rates are based on civilian noninstitutional population, 16 years old and over. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. Participation rate is the percent of the population in each specific group in the civilian labor force. See headnote, table 656]

STATE	TOTAL (1,000)		MALE (1,000)		FEMALE (1,000)		PARTICIPATION RATES (percent)					
							Total		Male		Female	
	1976	1979	1976	1979	1976	1979	1976	1979	1976	1979	1976	1979
U.S.	**94,773**	**102,908**	**56,359**	**59,517**	**38,414**	**43,391**	**61.6**	**63.7**	**77.5**	**77.9**	**47.3**	**51.5**
N.E	**5,656**	**6,097**	**3,305**	**3,451**	**2,351**	**2,646**	**64.4**	**65.9**	**79.5**	**78.9**	**50.8**	**54.3**
Maine	472	488	280	282	192	207	62.1	61.0	78.2	73.6	47.8	49.6
N.H	387	445	227	259	160	185	65.8	68.1	80.8	82.0	52.1	54.9
Vt	216	240	128	138	88	102	63.3	66.3	81.0	78.9	48.1	54.5
Mass	2,762	2,891	1,614	1,632	1,148	1,259	64.7	66.2	79.9	79.3	51.1	54.5
R.I	430	450	249	252	180	198	63.2	64.3	78.3	76.4	49.7	53.5
Conn	1,475	1,581	856	887	620	694	64.4	67.0	78.8	79.7	51.5	55.7
M.A	**16,041**	**16,872**	**9,630**	**9,749**	**6,411**	**7,123**	**58.9**	**60.9**	**75.8**	**75.6**	**44.1**	**48.1**
N.Y	7,735	8,008	4,632	4,605	3,102	3,403	58.1	60.3	75.1	75.1	43.5	47.6
N.J	3,307	3,537	1,959	1,994	1,347	1,543	61.7	64.3	78.2	78.1	47.1	52.3
Pa	5,120	5,296	3,110	3,132	2,010	2,164	58.2	59.5	75.3	74.7	43.1	46.0
E.N.C	**18,450**	**19,713**	**11,113**	**11,531**	**7,337**	**8,182**	**62.7**	**64.9**	**79.4**	**79.6**	**47.6**	**51.4**
Ohio	4,730	5,036	2,868	2,977	1,861	2,059	61.4	63.6	78.9	79.3	45.8	49.5
Ind	2,427	2,610	1,460	1,522	967	1,088	64.2	66.1	80.4	80.9	49.1	52.7
Ill	5,076	5,331	3,032	3,087	2,045	2,244	62.9	64.6	79.7	79.0	47.9	51.6
Mich	3,997	4,313	2,420	2,546	1,577	1,768	61.8	64.2	78.0	78.9	46.9	50.6
Wis	2,175	2,381	1,306	1,375	869	1,006	65.8	68.2	81.3	81.8	51.1	55.5
W.N.C	**7,649**	**8,396**	**4,550**	**4,846**	**3,098**	**3,550**	**63.8**	**66.4**	**79.3**	**80.0**	**49.6**	**53.9**
Minn	1,865	2,064	1,134	1,186	731	877	65.8	69.0	81.4	81.2	50.7	57.2
Iowa	1,335	1,432	788	847	547	585	64.3	66.5	80.7	81.5	49.8	52.5
Mo	2,126	2,292	1,228	1,315	898	977	61.1	63.1	75.3	77.1	48.7	50.8
N. Dak	279	303	173	181	106	123	62.6	64.7	80.1	79.0	46.1	51.5
S. Dak	311	337	183	195	129	142	64.5	68.1	80.3	82.3	50.8	55.0
Nebr	719	772	430	439	288	333	64.8	67.1	80.7	81.0	50.0	54.7
Kans	1,086	1,197	658	683	428	514	65.1	68.4	81.1	81.0	49.9	56.7
S.A	**14,858**	**16,110**	**8,618**	**9,135**	**6,240**	**6,975**	**61.9**	**62.8**	**76.6**	**76.1**	**48.8**	**51.1**
Del	259	275	153	161	106	113	62.6	64.3	77.3	78.2	49.1	50.9
Md	1,900	2,092	1,120	1,198	780	893	64.1	68.1	80.3	81.9	49.7	55.4
D.C	333	320	169	162	164	158	64.9	65.4	73.2	71.4	58.2	60.3
Va	2,306	2,477	1,345	1,394	962	1,083	65.5	66.1	81.0	79.8	51.7	54.1
W. Va	679	750	446	475	233	276	51.0	54.0	70.3	71.1	33.4	38.3
N.C	2,556	2,692	1,447	1,496	1,109	1,196	66.3	66.5	79.9	79.2	54.3	55.3
S.C	1,256	1,306	727	730	529	575	64.7	63.8	79.5	76.4	51.6	52.7
Ga	2,206	2,334	1,271	1,317	935	1,017	63.9	64.2	79.2	78.5	50.6	51.9
Fla	3,476	3,835	2,003	2,187	1,473	1,648	55.4	56.8	68.8	69.4	43.8	45.7
E.S.C	**6,049**	**6,171**	**3,604**	**3,618**	**2,445**	**2,553**	**58.9**	**60.4**	**75.0**	**75.0**	**44.7**	**47.3**
Ky	1,448	1,563	880	927	568	636	59.6	61.3	77.3	76.4	44.0	47.6
Tenn	1,826	1,979	1,071	1,148	756	831	59.9	61.2	75.7	75.2	46.3	48.7
Ala	1,480	1,625	908	970	572	654	57.1	59.6	73.8	75.1	42.0	45.6
Miss	943	986	537	562	406	424	58.9	58.6	72.6	71.9	47.2	47.1
W.S.C	**8,896**	**10,121**	**5,356**	**5,948**	**3,540**	**4,172**	**61.0**	**63.4**	**77.8**	**78.2**	**46.0**	**49.9**
Ark	869	954	510	531	359	423	57.6	59.9	74.1	71.7	43.7	49.7
La	1,485	1,679	913	1,010	572	669	56.3	59.6	74.4	75.6	40.5	45.1
Okla	1,159	1,278	701	742	458	536	58.4	60.6	75.7	74.9	43.3	47.9
Tex	5,535	6,244	3,322	3,686	2,212	2,558	63.7	65.7	80.0	80.8	48.8	51.8
Mt	**4,394**	**4,872**	**2,633**	**2,866**	**1,761**	**2,007**	**63.6**	**65.4**	**79.4**	**79.6**	**48.9**	**52.1**
Mont	331	369	210	216	120	153	62.2	64.7	79.5	78.8	44.8	51.7
Idaho	366	422	223	255	143	167	63.5	66.6	80.8	81.7	47.7	51.9
Wyo	179	224	112	135	67	88	65.3	70.0	82.4	84.4	48.6	55.0
Colo	1,217	1,386	706	804	511	582	66.9	69.1	81.9	82.5	53.9	56.4
N. Mex	466	537	277	316	189	221	58.9	62.2	74.5	76.9	45.1	48.8
Ariz	947	1,052	566	611	381	441	59.8	60.3	75.0	73.9	46.0	48.0
Utah	513	584	316	349	197	235	63.2	65.1	81.2	81.0	46.6	50.4
Nev	305	358	182	214	123	144	71.1	70.6	85.0	83.6	57.2	57.4
Pac	**12,972**	**14,555**	**7,623**	**8,373**	**5,349**	**6,182**	**62.7**	**65.5**	**77.4**	**79.0**	**49.3**	**53.2**
Wash	1,587	1,892	934	1,118	653	774	61.5	65.9	76.4	80.1	48.1	52.4
Oreg	1,070	1,217	640	733	429	484	62.6	64.6	77.0	78.1	48.9	51.2
Calif	9,708	10,968	5,708	6,264	4,000	4,704	62.5	65.5	77.5	78.9	49.0	53.3
Alaska	157	180	92	102	66	78	68.3	70.9	81.4	81.6	56.4	60.5
Hawaii	400	399	220	216	180	183	69.2	65.4	80.0	75.5	59.4	56.5

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1976* and *1979*.

No. 655. Employment Status of the Population, by Sex and Race: 1960 to 1980

[Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970,* series D 11-19 and D 85-86]

Year or month, sex, and race	Total noninstitutional population [1] (1,000)	Total labor force [1]		Civilian labor force					Not in labor force	
		Total (1,000)	Percent of population	Total (1,000)	Employed (1,000)	Employed/population ratio [2]	Unemployed		Total (1,000)	Percent of population
							Total (1,000)	Rate [3]		
Total: 1960	119,759	72,142	60.2	69,628	65,778	54.9	3,852	5.5	47,617	39.8
1965	129,236	77,178	59.7	74,455	71,088	55.0	3,366	4.5	52,058	40.3
1970	140,182	85,903	61.3	82,715	78,627	56.1	4,088	4.9	54,280	38.7
1971	142,596	86,929	61.0	84,113	79,120	55.5	4,993	5.9	55,666	39.0
1972	145,775	88,991	61.0	86,542	81,702	56.0	4,840	5.6	56,785	39.0
1973	148,263	91,040	61.4	88,714	84,409	56.9	4,304	4.9	57,222	38.6
1974	150,827	93,240	61.8	91,011	86,936	57.0	5,076	5.6	57,587	38.2
1975	153,449	94,793	61.8	92,613	84,783	55.3	7,830	8.5	58,655	38.2
1976	156,048	96,917	62.1	94,773	87,485	56.1	7,288	7.7	59,130	37.9
1977	158,559	99,534	62.8	97,401	90,546	57.1	6,855	7.0	59,025	37.2
1978	161,058	102,537	63.7	100,420	94,373	58.6	6,047	6.0	58,521	36.3
1979	163,620	104,996	64.2	102,908	96,945	59.3	5,963	5.8	58,623	35.8
1980, Jan.-May [4]	165,497	106,516	64.4	104,429	97,511	58.9	6,918	6.6	58,981	35.6
Male: 1960	58,144	48,870	84.0	46,388	43,904	75.5	2,486	5.4	9,274	16.0
1965	62,473	50,946	81.5	48,255	46,340	74.2	1,914	4.0	11,527	18.5
1970	67,409	54,343	80.6	51,195	48,960	72.6	2,235	4.4	13,066	19.4
1971	68,512	54,797	80.0	52,021	49,245	71.9	2,776	5.3	13,715	20.0
1972	69,864	55,671	79.7	53,265	50,630	72.5	2,635	4.9	14,193	20.3
1973	71,020	56,479	79.5	54,203	51,963	73.2	2,240	4.1	14,541	20.5
1974	72,253	57,349	79.4	55,186	52,519	72.7	2,668	4.8	14,904	20.6
1975	73,494	57,706	78.5	55,615	51,230	69.7	4,385	7.9	15,788	21.5
1976	74,739	58,397	78.1	56,359	52,391	70.1	3,968	7.0	16,341	21.9
1977	75,981	59,467	78.3	57,449	53,861	70.9	3,588	6.2	16,514	21.7
1978	77,169	60,535	78.4	58,542	55,491	71.9	3,051	5.2	16,634	21.6
1979	78,397	61,466	78.4	59,517	56,499	72.1	3,018	5.1	16,931	21.6
1980, Jan.-May [4]	79,290	62,024	78.2	60,090	56,328	71.0	3,762	6.3	17,266	21.8
Black and other: [5]										
1960	5,595	(NA)	83.0	4,645	4,148	74.1	497	10.7	951	17.0
1965	6,330	5,084	80.3	4,855	4,496	71.0	359	7.4	1,246	19.7
1970	7,098	5,507	77.6	5,182	4,803	67.7	379	7.3	1,591	22.4
1971	7,286	5,533	75.9	5,220	4,746	65.1	474	9.1	1,753	24.1
1972	7,533	5,630	74.7	5,335	4,861	64.5	475	8.9	1,902	25.2
1973	7,845	5,868	74.8	5,555	5,133	65.4	423	7.6	1,977	25.2
1974	8,107	6,028	74.4	5,700	5,179	63.9	521	9.1	2,079	25.6
1975	8,360	6,077	72.7	5,734	4,947	59.2	787	13.7	2,283	27.3
1976	8,622	6,196	71.9	5,853	5,108	59.2	745	12.7	2,425	28.1
1977	8,846	6,388	72.2	6,028	5,283	59.7	745	12.4	2,458	27.8
1978	9,098	6,667	73.3	6,284	5,599	61.5	686	10.9	2,430	26.7
1979	9,364	6,852	73.2	6,443	5,779	61.7	664	10.3	2,512	26.8
1980, Jan.-May [4]	9,556	6,866	71.9	6,433	5,663	59.3	770	12.0	2,690	28.1
Female: 1960	61,615	23,272	37.8	23,240	21,874	35.5	1,366	5.9	38,343	62.2
1965	66,763	26,232	39.3	26,200	24,748	37.1	1,452	5.5	40,531	60.7
1970	72,774	31,560	43.4	31,520	29,667	40.8	1,853	5.9	41,214	56.6
1971	74,084	32,132	43.4	32,091	29,875	40.3	2,217	6.9	41,952	56.6
1972	75,911	33,320	43.9	33,277	31,072	40.9	2,205	6.6	42,591	56.1
1973	77,242	34,561	44.7	34,510	32,446	42.0	2,064	6.0	42,681	55.3
1974	78,575	35,892	45.7	35,825	33,417	42.5	2,408	6.7	42,683	54.3
1975	79,954	37,087	46.4	36,998	33,553	42.0	3,445	9.3	42,868	53.6
1976	81,309	38,520	47.4	38,414	35,095	43.2	3,320	8.6	42,789	52.6
1977	82,577	40,067	48.5	39,952	36,685	44.4	3,267	8.2	42,510	51.5
1978	83,890	42,002	50.1	41,878	38,882	46.3	2,996	7.2	41,887	49.9
1979	85,223	43,530	51.1	43,391	40,446	47.5	2,945	6.8	41,692	48.9
1980, Jan.-May [4]	86,207	44,493	51.6	44,339	41,183	47.8	3,156	7.1	41,714	48.4
Black and other: [5]										
1960	6,369	(NA)	48.2	3,069	2,779	43.6	290	9.4	3,300	51.8
1965	7,139	3,467	48.6	3,464	3,147	44.1	317	9.2	3,666	51.4
1970	8,114	4,019	49.5	4,015	3,642	44.9	373	9.3	4,095	50.5
1971	8,351	4,107	49.2	4,102	3,658	43.8	445	10.8	4,243	50.8
1972	8,736	4,254	48.7	4,249	3,767	43.1	482	11.3	4,481	51.3
1973	9,109	4,476	49.1	4,470	3,999	43.9	471	10.5	4,632	50.9
1974	9,455	4,643	49.1	4,633	4,136	43.7	497	10.7	4,812	50.9
1975	9,766	4,810	49.3	4,795	4,124	42.2	671	14.0	4,956	50.7
1976	10,075	5,062	50.2	5,044	4,356	43.2	688	13.6	5,013	49.8
1977	10,367	5,288	51.0	5,266	4,529	43.7	737	14.0	5,079	49.0
1978	10,672	5,705	53.5	5,679	4,938	46.3	741	13.1	4,967	46.5
1979	10,995	5,895	53.6	5,863	5,141	46.8	722	12.3	5,100	46.4
1980, Jan.-May [4]	11,219	5,998	53.5	5,959	5,201	46.4	757	12.7	5,221	46.5

NA Not available. [1] Includes Armed Forces. [2] Employed as percent of noninstitutional population. [3] Percent of civilian labor force. [4] Monthly average; seasonally adjusted, except population figure. [5] Races other than White.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 656. Employment and Employment/Population Ratio, by States: 1976 to 1979

[**Persons 16 years old and over.** Ratio=Employment expressed as percent of noninstitutional population. Based on a survey and subject to sampling variability; changes should be interpreted with caution. For details, see source. State data may not add to U.S. and regional totals since data for States are derived by independent population controls]

Region and State	Total employed (1,000)			Employed/ population ratio			Region and State	Total employed (1,000)			Employed/ population ratio		
	1976	1978	1979	1976	1978	1979		1976	1978	1979	1976	1978	1979
U.S	**87,485**	**94,373**	**96,945**	**56.8**	**59.4**	**60.0**	**So. Atl.—Con.**						
N. Eng	**5,142**	**5,589**	**5,765**	**58.5**	**61.1**	**62.3**	W. Va	629	674	700	47.2	49.1	50.4
Maine	430	444	453	56.6	56.3	56.6	N.C	2,398	2,562	2,563	62.2	64.2	63.3
N.H	362	411	431	61.6	64.7	66.0	S.C	1,168	1,224	1,240	60.2	60.6	60.6
Vt	197	222	228	57.8	62.7	63.0	Ga	2,027	2,184	2,215	58.7	60.9	60.9
Mass	2,499	2,663	2,731	58.6	61.5	62.5	Fla	3,162	3,444	3,605	50.4	52.9	53.4
R.I	395	404	420	58.1	57.8	60.0	**E. So. Cent**	**5,674**	**5,671**	**5,795**	**55.2**	**56.9**	**56.7**
Conn	1,336	1,433	1,500	58.4	61.7	63.6	Ky	1,367	1,474	1,476	56.3	58.6	57.9
Mid. Atl	**14,511**	**15,372**	**15,688**	**53.2**	**55.5**	**56.6**	Tenn	1,716	1,815	1,864	56.3	56.9	57.7
N.Y	6,941	7,241	7,437	52.2	54.6	56.0	Ala	1,380	1,492	1,509	53.2	55.5	55.3
N.J	2,962	3,185	3,293	55.2	58.4	59.8	Miss	881	898	929	55.0	54.3	55.2
Pa	4,714	4,888	4,930	53.6	55.2	55.4	**W. So. Cent**	**8,360**	**9,278**	**9,644**	**57.4**	**59.5**	**60.4**
E. No. Cent	**17,103**	**18,175**	**18,511**	**58.2**	**60.6**	**60.9**	Ark	807	868	895	53.4	54.8	56.2
Ohio	4,361	4,675	4,739	56.7	59.4	59.9	La	1,385	1,506	1,567	52.5	54.5	55.6
Ind	2,280	2,425	2,443	60.3	62.2	61.9	Okla	1,093	1,211	1,234	55.1	57.9	58.5
Ill	4,745	5,005	5,036	58.8	61.0	61.0	Tex	5,217	5,706	5,981	60.0	62.1	62.9
Mich	3,623	3,913	3,978	56.0	58.9	59.2	**Mt**	**4,080**	**4,403**	**4,628**	**59.0**	**61.1**	**62.1**
Wis	2,053	2,187	2,273	62.1	63.8	65.1	Mont	311	348	351	58.5	61.7	61.6
W. No. Cent	**7,264**	**7,869**	**8,059**	**60.6**	**63.3**	**63.8**	Idaho	345	382	398	59.9	62.3	62.8
Minn	1,755	1,917	1,978	61.9	65.5	66.1	Wyo	171	201	217	62.4	67.8	67.8
Iowa	1,282	1,362	1,373	61.8	63.9	63.8	Colo	1,145	1,221	1,320	63.0	63.7	65.8
Mo	1,993	2,148	2,188	57.3	59.7	60.3	N. Mex	423	495	502	53.5	59.1	58.1
N. Dak	269	280	292	60.3	60.7	62.4	Ariz	854	932	999	53.9	55.8	57.2
S. Dak	301	318	325	62.4	64.6	65.7	Utah	484	519	559	59.6	60.3	62.3
Nebr	695	748	747	62.7	65.8	64.9	Nev	277	319	340	64.6	67.4	67.1
Kans	1,040	1,123	1,157	62.3	65.2	66.1	**Pac**	**11,787**	**13,073**	**13,628**	**57.0**	**60.5**	**61.3**
So. Atl	**13,764**	**14,942**	**15,228**	**57.3**	**59.2**	**59.4**	Wash	1,450	1,634	1,764	56.2	59.7	61.4
Del	236	252	253	57.0	59.3	59.1	Oreg	968	1,119	1,134	55.6	61.7	60.2
Md	1,772	1,918	1,968	59.8	63.2	64.0	Calif	8,820	9,877	10,285	56.8	60.5	61.4
D.C	303	303	296	59.1	60.7	60.5	Alaska	145	160	164	63.0	63.5	64.6
Va	2,170	2,298	2,360	61.6	62.6	62.9	Hawaii	361	367	374	62.5	61.9	61.3

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

No. 657. Labor Force—Percent Distribution, by Sex and Age: 1960 to 1979

[Annual average of monthly figures. Includes Armed Forces at home and abroad. See *Historical Statistics, Colonial Times to 1970*, series D 29-41, for similar but not exactly comparable data]

Year and sex	Total labor force (1,000)	Percent distribution						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	72,142	7.3	10.6	20.9	23.1	20.7	13.0	4.4
1965	77,178	8.2	12.1	19.4	22.3	20.5	13.4	4.0
1970	85,903	8.9	14.3	20.6	19.5	19.8	13.1	3.7
1974	93,240	9.9	15.0	23.4	18.2	18.4	12.0	3.1
1975	94,793	9.7	15.1	24.2	18.0	18.1	11.8	3.1
1976	96,917	9.6	15.2	24.9	18.0	17.6	11.6	3.0
1977	99,534	9.6	15.3	25.5	18.1	17.0	11.5	2.9
1978	102,537	9.6	15.3	25.8	18.4	16.5	11.3	3.0
1979	104,996	9.3	15.3	26.3	18.8	16.1	11.2	2.9
Male: 1960	48,870	6.5	10.4	22.4	23.2	19.7	13.1	4.7
1965	50,946	7.5	11.6	20.9	22.6	19.9	13.3	4.2
1970	54,343	8.1	13.6	22.0	19.9	19.3	13.1	4.0
1974	57,349	9.0	14.1	24.4	18.5	18.3	12.3	3.4
1975	57,706	8.9	14.2	25.1	18.3	18.1	12.1	3.3
1976	58,397	8.9	14.4	25.7	18.3	17.7	11.9	3.1
1977	59,467	8.9	14.5	26.1	18.3	17.2	11.8	3.1
1978	60,535	8.9	14.6	26.3	18.6	16.8	11.7	3.2
1979	61,466	8.6	14.6	26.7	18.9	16.4	11.6	3.1
Female: 1960	23,272	8.9	11.1	17.8	22.8	22.7	12.8	3.9
1965	26,232	9.6	12.9	16.5	21.8	21.8	13.7	3.7
1970	31,560	10.3	15.5	18.1	18.9	20.7	13.2	3.3
1974	35,892	11.2	16.3	21.8	17.7	18.6	11.6	2.8
1975	37,087	10.9	16.5	22.8	17.5	18.0	11.4	2.8
1976	38,520	10.8	16.5	23.8	17.7	17.3	11.2	2.7
1977	40,067	10.7	16.5	24.7	17.9	16.7	10.9	2.7
1978	42,002	10.7	16.5	25.2	18.2	16.1	10.6	2.7
1979	43,531	10.3	16.3	25.7	18.7	15.8	10.5	2.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 658. Civilian Labor Force—Employment Status, by Sex, Race, and Age: 1979

[**Persons 16 years old and over;** noninstitutional population. Annual averages of monthly figures]

Age and race	Civilian labor force			Male (1,000)			Female (1,000)			Percent of labor force			
										Employed		Unemployed	
	Total (1,000)	Percent by age		Total	Employed	Unemployed	Total	Employed	Unemployed	Male	Female	Male	Female
		Male	Female										
All workers	**102,908**	**100.0**	**100.0**	**59,517**	**56,499**	**3,018**	**43,391**	**40,446**	**2,945**	**94.9**	**93.2**	**5.1**	**6.8**
16–19 yr	9,512	8.5	10.3	5,031	4,236	795	4,481	3,748	733	84.2	83.6	15.8	16.4
20–24 yr	15,268	13.8	16.2	8,239	7,534	705	7,029	6,358	672	91.4	90.5	8.6	9.6
25–34 yr	26,959	26.5	25.7	15,792	15,133	659	11,167	10,450	716	95.8	93.6	4.2	6.4
35–44 yr	19,467	19.0	16.7	*11,337*	*11,014*	*323*	*8,130*	*7,754*	*378*	*97.2*	*95.4*	2.9	4.6
45–54 yr	16,911	16.9	15.8	10,052	9,775	276	6,860	6,594	266	97.2	96.1	2.7	3.9
55–64 yr	11,718	12.0	10.6	7,140	6,946	193	4,579	4,434	145	97.3	96.8	2.7	3.2
65 and over	3,073	3.2	2.6	1,928	1,861	67	1,145	1,108	38	96.5	96.8	3.5	3.3
White	**90,602**	**100.0**	**100.0**	**53,074**	**50,721**	**2,354**	**37,528**	**35,304**	**2,224**	**95.6**	**94.1**	**4.4**	**5.9**
16–19 yr	8,475	8.5	10.6	4,492	3,866	626	3,983	3,428	555	86.1	86.1	13.9	13.9
20–24 yr	13,292	13.6	16.2	7,225	6,692	533	6,067	5,595	472	92.6	92.2	7.4	7.8
25–34 yr	23,436	26.4	25.1	14,001	13,497	504	9,436	8,910	526	96.4	94.4	3.6	5.6
35–44 yr	17,074	19.1	18.6	10,111	9,859	252	6,963	6,668	295	97.5	95.8	2.5	4.2
45–54 yr	14,978	16.9	15.9	8,994	8,773	221	5,984	5,761	223	97.5	96.3	2.5	3.7
55–64 yr	10,598	12.3	10.9	6,511	6,348	163	4,087	3,965	122	97.5	97.0	2.5	3.0
65 and over	2,749	3.3	2.7	1,740	1,686	55	1,008	977	31	96.9	96.9	3.1	3.1
Other races	**12,306**	**100.0**	**100.0**	**6,443**	**5,779**	**664**	**5,863**	**5,141**	**722**	**89.7**	**87.7**	**10.3**	**12.3**
16–19 yr	1,036	8.4	8.5	539	369	170	497	320	178	68.5	64.4	31.5	35.7
20–24 yr	1,976	15.7	16.4	1,013	841	172	962	763	200	83.0	79.3	17.0	20.8
25–34 yr	3,522	27.8	29.5	1,791	1,637	155	1,731	1,541	190	91.4	89.0	8.6	11.0
35–44 yr	2,393	19.0	19.9	1,226	1,154	71	1,167	1,086	82	94.1	93.1	5.8	7.0
45–54 yr	1,934	16.4	14.9	1,057	1,003	55	876	833	43	94.9	95.1	5.2	4.9
55–64 yr	1,120	9.7	8.4	628	598	30	492	469	23	95.2	95.3	4.8	4.6
65 and over	325	2.9	2.3	188	176	12	137	131	6	93.6	95.6	6.3	4.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

No. 659. Employed Persons, by Selected Characteristics: 1970 to 1979

[**In thousands of persons 16 years old and over;** noninstitutional population. Annual averages of monthly figures. Nonagricultural industries only]

Age, sex, and marital status	1970	1973	1974	1975	1976	1977	1978	1979
Total employed	**75,165**	**80,957**	**82,443**	**81,403**	**84,188**	**87,302**	**91,031**	**93,648**
16–19 years	5,755	6,834	6,954	6,593	6,842	7,211	7,586	7,628
20–24 years	9,487	11,381	11,550	11,293	11,910	12,480	13,108	13,493
25 years and over	59,923	62,743	63,941	63,516	65,436	67,611	70,337	72,527
25–44 years	31,198	34,149	35,278	35,386	37,173	39,085	41,295	43,194
45–64 years	26,078	26,122	26,234	25,704	25,872	26,102	26,476	26,690
65 years and over	2,647	2,471	2,429	2,426	2,392	2,423	2,566	2,642
Male	**46,099**	**49,130**	**49,618**	**48,429**	**49,675**	**51,222**	**52,810**	**53,854**
16–19 years	3,073	3,685	3,697	3,425	3,547	3,793	3,959	3,941
20–24 years	5,035	6,302	6,319	6,047	6,435	6,717	7,017	7,210
25 years and over	37,992	39,144	39,603	38,958	39,692	40,712	41,835	42,703
25–44 years	20,338	21,696	22,102	21,866	22,617	23,491	24,444	25,251
45–64 years	15,986	15,956	15,999	15,609	15,657	15,779	15,864	15,882
65 years and over	1,668	1,491	1,502	1,482	1,419	1,442	1,527	1,570
Female	**29,066**	**31,827**	**32,825**	**32,974**	**34,513**	**36,080**	**38,221**	**39,794**
16–19 years	2,682	3,149	3,257	3,169	3,295	3,418	3,627	3,687
20–24 years	4,452	5,079	5,231	5,246	5,475	5,764	6,091	6,283
25 years and over	21,931	23,599	24,338	24,558	25,744	26,898	28,502	29,824
25–44 years	10,861	12,453	13,176	13,520	14,556	15,595	16,851	17,943
45–64 years	10,092	10,166	10,234	10,094	10,215	10,323	10,613	10,808
65 years and over	979	980	927	944	973	981	1,038	1,072
Male: Married, spouse present	35,955	36,970	36,989	35,993	36,251	36,624	36,894	37,340
Single (never-married)	7,741	9,296	9,542	9,361	10,085	10,937	11,881	12,353
Widowed, divorced, separated	2,403	2,863	3,087	3,075	3,339	3,660	4,036	4,161
Female: Married, spouse present	17,108	18,644	19,155	19,146	19,869	20,544	21,421	22,265
Single (never-married)	6,528	7,316	7,551	7,716	8,272	8,791	9,541	10,049
Widowed, divorced, separated	5,429	5,866	6,119	6,111	6,372	6,745	7,258	7,479

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

No. 660. Persons of Spanish Origin—Labor Force Participation: 1975 to 1979

[**Persons 16 years old and over.** As of **March.** The terms "Spanish" and "Hispanic" are interchangeable; specific usage is dependent on the source of the data. Based on Current Population Survey; see text, p. 1]

ITEM	1975			1978			1979		
	Total [1]	Mexican	Puerto Rican	Total [1]	Mexican	Puerto Rican	Total [1]	Mexican	Puerto Rican
Total (1,000)	**6,724**	**3,921**	**972**	**7,544**	**4,394**	**1,064**	**7,573**	**4,487**	**1,027**
Percent in labor force: Male	78.8	79.8	73.5	79.8	82.7	72.6	80.5	82.5	72.2
Female	42.3	42.1	33.5	45.4	47.0	32.5	47.4	48.1	33.4
Percent unemployed: Male	13.1	12.2	19.3	9.0	8.6	11.5	7.9	7.0	14.3
Female	12.2	11.9	14.7	10.4	11.4	12.2	9.8	10.7	11.9
Employed men (1,000)	2,212	1,358	252	2,597	1,619	293	2,704	1,724	272
Percent: White-collar	26.2	21.4	28.7	24.1	18.5	26.2	23.7	19.4	24.9
Blue-collar	56.0	60.6	49.5	57.8	63.1	52.3	58.1	61.3	52.5
Farm	5.2	7.7	1.4	4.8	6.9	1.7	4.7	6.4	3.0
Service	12.6	10.4	20.5	13.3	11.5	19.8	13.4	12.9	19.5

[1] Includes persons of Cuban, Central or South American, and other Spanish origin, not shown separately.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 290, 328, 347, and 354.

No. 661. Full- and Part-Time Status of the Civilian Labor Force: 1965 to 1979

[**In thousands, except percent, Persons 16 years old and over, except as indicated.** Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work]

ITEM	FULL-TIME					PART-TIME				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
Civilian labor force	**65,929**	**71,020**	**79,096**	**85,530**	**87,741**	**8,527**	**11,695**	**13,517**	**14,890**	**15,167**
Percent of total	88.5	85.9	85.4	85.2	85.3	11.4	14.1	14.6	14.8	14.7
Employed	63,138	67,819	72,659	80,824	83,102	7,952	10,808	12,124	13,549	13,843
Unemployed	2,791	3,201	6,437	4,706	4,639	575	887	1,393	1,341	1,325
Percent [1]	4.2	4.5	8.1	5.5	5.3	6.7	7.6	10.3	9.0	8.7
Males, 20 yr. and over	43,243	44,933	48,292	50,746	51,777	1,616	2,257	2,563	2,719	2,710
Employed	41,892	43,433	45,084	48,681	49,726	1,530	2,120	2,343	2,531	2,537
Unemployed	1,351	1,500	3,208	2,065	2,050	86	137	220	187	173
Percent [1]	3.1	3.3	6.6	4.1	4.0	5.3	6.1	8.6	6.9	6.4
Females, 20 yr. and over	19,138	22,208	25,975	29,577	30,806	4,550	6,071	6,984	7,839	8,105
Employed	18,260	21,132	23,795	27,794	29,064	4,371	5,800	6,515	7,385	7,834
Unemployed	878	1,076	2,180	1,782	1,742	179	271	469	454	471
Percent [1]	4.6	4.8	8.4	6.0	5.7	3.9	4.5	6.7	5.8	5.8
Persons, 16-19 yr	3,549	3,878	4,829	5,208	5,159	2,361	3,368	3,969	4,332	4,353
Employed	2,986	3,253	3,780	4,349	4,311	2,050	2,888	3,266	3,632	3,672
Unemployed	563	625	1,049	860	848	311	480	703	699	681
Percent [1]	15.9	16.1	21.7	16.5	16.4	13.2	14.2	17.7	16.1	15.6

[1] Unemployed as percent of civilian labor force in specified group.

No. 662. Persons Not in the Labor Force—Job Desire and Reasons for Not Seeking Work, by Sex and Race: 1970 and 1979

[**In thousands of persons 16 years old and over.** Annual averages of monthly figures]

JOB DESIRE AND REASON	1970					1979				
	Total	Male	Female	White	Black and other	Total	Male	Female	White	Black and other
Not in labor force [1]	**54,280**	**13,066**	**41,214**	**48,594**	**5,686**	**58,623**	**16,931**	**41,692**	**51,011**	**7,612**
Do not want job now [2]	50,398	11,863	38,535	45,498	4,899	53,328	15,248	38,079	46,981	6,344
In school	6,051	3,055	2,997	5,181	869	5,965	2,976	2,988	4,791	1,174
Ill or disabled	3,869	2,045	1,824	3,179	691	4,531	2,453	2,078	3,647	884
Keeping house	32,162	201	31,961	29,597	2,566	28,994	285	28,709	26,334	2,658
Retired	5,918	5,216	703	5,491	427	9,935	7,479	2,456	8,983	951
Want a job now, but not looking, total	3,877	1,200	2,675	3,096	783	5,293	1,682	3,613	4,028	1,267
In school	1,075	563	511	875	201	1,427	717	710	1,046	380
Ill or disabled	489	208	281	360	128	743	332	411	524	218
Keeping house	926	20	906	722	204	1,240	-	1,240	963	278
Think cannot get a job	638	221	417	494	145	750	279	472	542	209
Other reasons	749	188	560	645	105	1,133	354	780	953	182

- Represents zero or rounds to zero. [1] Detail may not add to total because of difference in weighting patterns.
[2] Includes reasons not shown below.
Source of tables 661 and 662: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NUMBER 663. CIVILIAN LABOR FORCE—YEARS OF SCHOOL COMPLETED, BY SEX, RACE, AND HISPANIC ORIGIN: 1979

[**Persons 16 years old and over;** noninstitutional population. As of **March.** See headnote, tables 660 and 664]

EMPLOYMENT STATUS, SEX, AND RACE	Population, 16 yr. old and over (1,000)	PERCENT DISTRIBUTION OF SCHOOL YEARS COMPLETED							
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years	5 years or more
Total	**160,756**	**2.8**	**5.1**	**7.3**	**18.8**	**36.4**	**15.7**	**8.3**	**5.6**
Civilian labor force	101,579	1.4	3.1	4.5	15.9	40.0	17.5	10.2	7.4
Employed	95,387	1.3	3.0	4.4	14.9	40.1	17.9	10.6	7.8
Unemployed	6,193	1.7	3.9	5.6	32.0	38.0	12.3	4.1	2.3
Not in labor force	59,177	5.4	8.7	12.1	23.6	30.2	12.6	5.0	2.4
Male, total	76,070	3.0	5.3	7.4	18.4	32.8	16.4	9.3	7.5
Civilian labor force	58,608	1.6	3.6	5.2	16.0	36.7	17.3	10.8	8.8
Employed	55,237	1.6	3.5	5.1	14.9	36.8	17.6	11.3	9.2
Unemployed	3,372	2.0	4.5	6.2	32.9	35.2	12.8	4.0	2.3
Not in labor force	17,462	7.7	10.8	14.7	26.6	20.0	13.1	4.2	3.0
Female, total	84,686	2.6	5.0	7.2	19.1	39.6	15.1	7.4	3.9
Civilian labor force	42,971	.9	2.4	3.5	15.9	44.6	17.8	9.4	5.6
Employed	40,150	.9	2.3	3.4	14.8	44.8	18.2	9.7	5.8
Unemployed	2,821	1.4	3.2	4.9	30.8	41.3	11.6	4.3	2.4
Not in labor force	41,715	4.4	7.8	11.0	22.4	34.5	12.4	5.4	2.2
White, total	140,999	2.3	4.6	7.4	17.8	37.3	16.1	8.8	5.9
Civilian labor force	89,507	1.1	2.7	4.4	15.2	40.5	17.7	10.7	7.8
Employed	84,700	1.1	2.6	4.3	14.3	40.6	18.0	11.0	8.1
Unemployed	4,807	1.5	3.5	6.2	31.0	37.9	12.6	4.8	2.5
Not in labor force	51,492	4.3	8.1	12.5	22.3	31.7	13.2	5.4	2.5
Black, total	16,794	7.1	9.1	7.1	27.3	30.5	12.5	3.8	2.6
Civilian labor force	10,144	3.4	6.4	5.3	23.0	37.5	15.5	5.4	3.6
Employed	8,870	3.6	6.5	5.5	21.1	37.4	16.2	5.9	3.9
Unemployed	1,274	2.4	5.6	3.9	35.9	38.4	10.8	1.7	1.3
Not in labor force	6,650	12.9	13.3	9.8	33.8	19.9	7.8	1.4	1.1
Hispanic, total	7,543	13.5	14.8	7.7	21.5	26.8	10.6	3.3	1.9
Civilian labor force	4,795	9.9	13.9	6.6	18.9	31.1	12.9	4.3	2.4
Employed	4,380	9.9	14.2	6.7	17.6	31.3	13.2	4.5	2.6
Unemployed	415	9.4	10.4	6.3	31.8	29.6	9.6	1.7	1.2
Not in labor force	2,748	19.9	16.3	9.6	26.0	19.1	6.5	1.6	.9

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report,* forthcoming report.

NO. 664. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY SELECTED CHARACTERISTICS: 1975 AND 1979

[**In thousands, except percent.** As of **October;** noninstitutional population. Based on survey conducted by Bureau of the Census. Persons of Hispanic origin may be of any race]

CHARACTERISTIC	POPULATION		CIVILIAN LABOR FORCE			EMPLOYED		UNEMPLOYED		
	1975	1979	1975, total	1979		1975	1979	1975, total	1979	
				Total	Percent [1]				Total	Rate [2]
Total, 16 to 24 yr	**34,700**	**36,131**	**21,833**	**24,340**	**67.4**	**18,564**	**21,555**	**3,268**	**2,787**	**11.5**
Enrolled in school	15,284	15,262	6,730	7,341	48.1	5,716	6,388	1,012	951	13.0
16 to 19 years	11,163	10,972	4,551	4,883	44.5	3,772	4,142	778	741	15.2
20 to 24 years	4,121	4,290	2,179	2,458	57.3	1,944	2,246	234	210	8.5
Male	8,085	7,861	3,598	3,802	48.4	3,061	3,295	536	506	13.3
Female	7,198	7,401	3,130	3,539	47.8	2,655	3,093	476	445	12.6
College level	7,221	7,291	3,448	3,711	50.9	3,074	3,368	376	345	9.3
Full-time	3,245	6,079	1,283	2,607	42.9	1,126	2,314	158	294	11.3
White	13,077	12,921	6,096	6,594	51.0	5,241	5,868	855	726	11.0
Below college	6,710	6,556	2,997	3,268	49.8	2,450	2,811	546	458	14.0
College level	6,366	6,365	3,101	3,327	52.3	2,792	3,057	310	269	8.1
Black	1,907	2,006	515	622	31.0	371	409	142	213	34.2
Below college	1,208	1,266	236	319	25.2	154	177	84	143	44.8
College	698	741	276	302	40.8	217	234	58	68	22.5
Hispanic	849	792	312	295	37.2	254	241	59	54	18.3
Below college	542	483	161	143	29.6	113	107	48	37	25.9
College	308	311	149	150	48.2	140	134	13	17	11.3
Not enrolled	19,419	20,869	15,103	16,999	81.5	12,848	15,167	2,256	1,836	10.8
White	16,669	17,819	13,217	14,815	83.1	11,459	13,452	1,758	1,363	9.2
Black	2,440	2,661	1,660	1,891	71.1	1,183	1,456	476	437	23.1
Hispanic	1,112	1,450	762	1,099	75.8	604	952	155	146	13.3

[1] Percent of noninstitutional population. [2] Percent of labor force 16–24 years old.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report,* No. 191 and forthcoming report.

No. 665 Civilian Labor Force Participation Rates, by Marital Status, Sex, and Age: 1960 to 1979

[See table 664 for definition of participation rate]

Year and marital status	Male participation rate					Female participation rate				
	16–19 years	20–24 years	25–44 years	45–64 years	65 and over	16–19 years	20–24 years	25–44 years	45–64 years	65 and over
1960: Married, spouse present	[1] 91.5	97.1	98.7	93.7	36.6	[1] 27.2	31.7	33.1	36.0	6.7
Single	[1] 42.6	80.3	90.5	80.1	31.2	[1] 30.2	77.2	83.2	79.8	24.3
Other [2]	[1] 68.8	96.9	94.7	83.2	22.7	[1] 43.8	58.0	67.2	60.0	11.4
1965: Married, spouse present	[1] 88.0	96.4	98.5	92.6	31.0	[1] 30.6	37.1	36.2	39.5	6.7
Single	[1] 40.9	75.7	89.0	78.1	23.2	[1] 28.8	72.9	82.4	76.1	22.4
Other [2]	[1] 77.8	96.6	93.8	80.8	18.7	[1] 42.1	59.2	67.2	61.6	10.5
1970: Married, spouse present	92.3	94.7	98.0	91.2	29.9	37.8	47.9	42.7	44.0	7.3
Single	54.6	73.8	87.4	75.7	25.2	44.7	73.0	80.5	73.0	19.7
Other [2]	68.8	90.4	92.3	78.5	18.3	48.5	60.3	67.2	61.9	10.0
1975: Married, spouse present	92.9	95.3	97.3	86.8	23.3	46.2	57.0	50.0	43.8	7.0
Single	57.9	77.9	86.0	69.9	21.0	49.6	72.5	80.3	68.3	15.8
Other [2]	70.6	88.8	91.1	73.4	15.4	47.6	65.3	68.9	59.0	8.3
1979: Married, spouse present	93.7	97.0	97.4	84.8	21.8	52.2	60.8	58.4	46.2	7.5
Single	60.7	81.8	87.9	67.3	18.2	54.7	76.1	81.8	65.8	13.5
Other [2]	80.0	90.9	93.2	73.7	13.4	56.3	70.4	76.0	60.2	8.3

[1] 14 to 19 years old. [2] Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

No. 666. Persons With Two or More Jobs: 1965 to 1979

[In thousands of persons 16 years old and over, except percent. As of May]

Characteristics	Unit	1965	1970	1974	1975	1976	1977	1978	1979
Persons with 2 or more jobs	1,000	**3,756**	**4,048**	**3,889**	**3,918**	**3,948**	**4,558**	**4,493**	**4,724**
With 2 jobs in nonfarm industries	1,000	2,691	3,105	3,041	3,028	3,129	3,637	3,587	3,852
With second job nonfarm	1,000	279	205	151	185	144	166	154	146
With second job in agriculture	1,000	649	667	630	637	620	697	701	668
Wage and salary workers	1,000	3,264	3,659	3,570	3,505	3,605	4,150	4,136	4,386
Self-employed	1,000	418	348	287	360	317	362	308	314
Unpaid family workers	1,000	74	41	32	53	27	46	49	25
Multiple job holding rate: [1]									
Total	Percent	5.2	5.2	4.5	4.7	4.5	5.0	4.8	4.9
Male	Percent	6.7	7.0	5.8	5.8	5.8	6.2	5.8	5.9
Female	Percent	2.3	2.2	2.6	2.9	2.6	3.4	3.3	3.5
White	Percent	5.3	5.3	4.6	4.8	4.7	5.3	5.0	5.1
Black and other [2]	Percent	4.0	4.4	3.8	3.7	2.8	2.6	3.1	3.0
Single	Percent	3.1	3.3	3.7	3.8	3.5	3.9	4.0	4.4
Married, spouse present	Percent	5.9	5.9	4.9	5.0	5.0	5.5	5.2	5.2
Other marital status	Percent	3.8	3.5	3.7	4.0	3.7	4.5	4.2	4.4

[1] Percent of total employed in the specified group. [2] Beginning 1977, Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 139, 182, 194, 211, and 221, and forthcoming report.

No. 667. Main Reasons for Working More Than One Job, by Race and Sex: 1975 to 1979

[See headnote, table 666]

Reasons	1975				1978				1979			
	White		Black [1]		White		Black [1]		White		Black [1]	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total [2] (1,000)	**2,736**	**853**	**226**	**103**	**2,992**	**1,186**	**220**	**95**	**3,087**	**1,304**	**230**	**103**
Percent distribution:												
Meet regular expenses	33.8	31.3	50.2	48.2	31.6	32.8	47.7	47.8	28.4	33.4	33.2	46.6
Pay off debts	4.8	5.1	7.2	2.9	6.1	4.7	7.4	5.4	6.0	7.3	11.2	12.6
Save for future	9.3	8.6	8.1	3.9	11.5	9.2	6.5	4.3	10.9	6.0	12.6	4.9
Get experience	7.6	6.3	1.8	3.9	7.5	6.1	1.4	9.8	8.9	7.4	6.3	2.9
Help friend or relative	3.4	7.6	1.3	2.9	3.5	5.0	3.2	1.1	5.8	6.6	3.1	4.9
Buy something special	7.2	10.7	5.4	2.9	7.0	10.2	14.8	18.5	7.7	9.8	9.0	6.8
Enjoy the work	10.4	14.7	10.3	10.7	20.6	16.5	9.3	-	19.5	17.0	13.0	3.9
Changed job	.4	1.0	-	-	1.0	1.9	2.3	2.2	1.1	1.8	.1	3.9

- Represents zero or rounds to zero. [1] Includes other races. [2] Includes other reasons, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 182 and 221, and forthcoming report.

No. 668. Marital Status of Women in the Civilian Labor Force: 1940 to 1979

[**Persons 14 years old and over through 1965; 16 years old and over thereafter.** As of **March**, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series. Later data based on Current Population Survey; see text, p. 1. Beginning 1955, figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 census data through 1960, and of 1960 census data beginning 1965. See also *Historical Statistics, Colonial Times to 1970*, series D 49-62]

Year	Female labor force (1,000)					Percent distribution, female labor force			Female labor force as percent of female population				
	Total	Single	Married, total	Married, husband present	Widowed or divorced	Single	Married	Widowed or divorced	Total	Single	Married, total	Married, husband present	Widowed or divorced
1940	13,840	6,710	5,040	[1] 4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944[1]	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947[1]	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955[1]	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	*25,952*	*5,912*	*16,154*	*14,708*	*3,886*	*22.8*	*62.2*	*15.0*	*36.7*	*40.5*	*35.7*	*34.7*	*35.7*
1968	28,775	6,357	18,234	16,821	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	29,898	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,681	7,187	19,986	18,530	4,508	22.7	63.1	14.2	42.5	52.7	41.4	40.8	35.7
1972	32,939	7,477	20,749	19,249	4,713	22.7	63.0	14.3	43.6	54.9	42.1	41.5	37.2
1973	33,904	7,739	21,343	19,821	4,822	22.8	63.0	14.2	44.1	55.8	42.8	42.2	36.7
1974	35,320	8,230	22,009	20,367	5,081	23.3	62.3	14.4	45.2	57.2	43.8	43.0	37.8
1975	36,496	8,433	22,796	21,143	5,266	23.1	62.5	14.4	45.9	56.8	45.0	44.4	37.7
1976	37,817	9,083	23,355	21,554	5,379	24.0	61.8	14.2	46.8	58.9	45.8	45.0	37.3
1977	39,374	9,470	24,092	22,377	5,812	24.1	61.3	14.8	48.0	58.9	47.1	46.6	39.0
1978	40,971	10,222	24,591	22,789	6,157	24.9	60.0	15.0	49.1	60.5	48.1	47.6	40.0
1979	42,971	11,006	25,640	23,832	6,325	25.6	59.7	14.7	50.7	62.7	50.0	49.4	40.0

[1] As of April.

Source: 1940-1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50. Beginning 1960, U. S. Bureau of Labor Statistics, *Special Labor Force Reports.*

Number 669. Employment Status of the Noninstitutional Population by Family Relationship: 1977 and 1979

[***In thousands, except percent*, Persons 16 years old and over.** Annual averages of monthly figures.]

Family relationship	1977						1979					
	Civilian labor force					Not in labor force	Civilian labor force					Not in labor force
	Total		Employed	Unemployed			Total		Employed	Unemployed		
	Number	Percent [1]		Number	Rate [2]		Number	Percent [1]		Number	Rate [2]	
Total	**97,401**	**62.3**	**90,546**	**6,855**	**7.0**	**59,025**	**102,908**	**63.7**	**96,945**	**5,963**	**5.8**	**58,623**
Husbands [3]	*40,413*	*81.8*	*38,976*	*1,437*	*3.6*	*8,971*	*40,955*	*81.4*	*39,832*	*1,123*	*2.7*	*9,337*
With employed wife	19,023	91.7	18,439	584	3.1	1,722	20,638	91.9	20,141	497	2.4	1,814
With unemployed wife	1,294	92.3	1,166	127	9.8	108	1,094	93.3	991	103	9.4	77
With wife not in labor force	18,707	73.7	18,059	649	3.5	6,665	17,545	71.7	17,099	447	2.5	6,942
Wives	22,147	46.6	20,745	1,402	6.3	25,373	23,625	49.1	22,453	1,172	5.0	24,488
With employed husband	19,604	52.0	18,438	1,166	5.9	18,059	21,132	55.3	20,141	991	4.7	17,099
With unemployed husband	712	52.3	585	127	17.8	649	601	57.4	497	103	17.1	447
With husband not in labor force	1,830	21.5	1,722	108	5.9	6,665	1,891	21.4	1,814	77	4.1	6,942
Women who head families	4,422	56.2	4,009	413	9.3	3,443	4,993	59.3	4,581	413	8.3	3,424
Relatives in husband-wife families	13,895	60.4	11,969	1,926	13.9	9,099	14,367	62.4	12,671	1,696	11.8	8,639
Relatives in female-headed families	3,881	55.8	3,124	756	19.5	3,067	4,168	56.6	3,450	718	17.2	3,190
Persons not living in families [4]	12,643	58.3	11,723	921	7.3	9,072	14,800	60.8	13,958	841	5.7	9,545

[1] Percent of each specified group in the civilian labor force. [2] Unemployment as percent of civilian labor force in specified group. [3] Includes a small number of single, separated, widowed, or divorced men who head families. [4] *Individuals living alone* or with unrelated persons plus a small number of persons in secondary families.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 670. EMPLOYMENT STATUS OF MEMBERS IN HUSBAND-WIFE FAMILIES: 1960 TO 1979

[As of **March.** Includes members of the Armed Forces living off post or with their families on post]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Husband employed, total (1,000)	**33,579**	**35,512**	**37,667**	**38,252**	**36,891**	**37,141**	**37,424**	**37,484**	**37,771**
Percent: Wife or other member in labor force [1]	42.7	47.2	53.1	57.2	58.0	58.9	61.2	62.3	64.2
Wife only	25.5	29.4	34.3	37.4	38.8	39.1	40.8	41.6	43.7
Wife and other member	6.1	7.3	9.3	9.9	10.0	10.8	11.2	11.9	11.9
Wife or other member employed [2]	40.0	44.5	50.7	54.5	53.5	55.0	57.2	59.1	61.0
Husband unemployed, total (1,000)	**1,462**	**1,033**	**972**	**1,060**	**2,282**	**1,685**	**1,669**	**1,340**	**1,199**
Percent: Wife or other member in labor force [1]	49.7	54.6	56.1	56.7	61.2	60.6	58.7	62.2	60.3
Wife only	32.1	36.7	41.8	39.3	44.6	44.6	41.9	45.9	44.2
Wife and other member	8.0	7.8	7.6	8.5	8.6	9.1	9.4	8.6	10.3
Wife or other member employed [2]	41.7	47.5	50.8	48.5	47.5	50.8	49.3	53.4	51.6

[1] Includes other categories not shown separately. [2] Includes wife or other member who is unemployed.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics, 1978,* and *Monthly Labor Review.*

NO. 671. MARRIED WOMEN (HUSBAND PRESENT) IN THE LABOR FORCE, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1979

[As of **March.** Beginning 1975, data not comparable with earlier years due to the use of 1970 census data in estimation procedure. Based on Current Population Survey conducted by the Bureau of the Census; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series D 63-74]

PRESENCE AND AGE OF CHILDREN	NUMBER (mil.)						LABOR FORCE PARTICIPATION RATE [1]					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
Women, husband present	**12.3**	**14.7**	**18.4**	**21.1**	**22.8**	**23.8**	**30.5**	**34.7**	**40.8**	**44.4**	**47.6**	**49.4**
With no children under 18 yr.	5.7	6.8	8.2	9.7	10.3	11.0	34.7	38.3	42.2	43.9	44.7	46.7
With children 6–17 yr. only	4.1	4.8	6.3	7.0	7.8	8.1	39.0	42.7	49.2	52.3	57.2	59.1
With children under 6 yr.	2.5	3.1	3.9	4.4	4.6	4.8	18.6	23.3	30.3	36.6	41.6	43.2
Also with children 6–17 yr	1.4	1.7	2.0	1.9	2.0	2.1	16.9	22.8	30.5	34.2	40.9	41.6

[1] Married women in the labor force as percent of married women in the population.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports.*

NO. 672. MARRIED, SEPARATED, AND DIVORCED WOMEN—EMPLOYMENT STATUS, BY PRESENCE AND AGE OF OWN CHILDREN: 1975 AND 1979

[**In thousands of women 16 years old and over, except percent.** As of **March.** Based on Current Population Survey conducted by the Bureau of the Census; see Appendix III]

EMPLOYMENT STATUS	Married, husband present, total	MARRIED HUSBAND PRESENT WITH—			Separated, total	SEPARATED WITH [1]—			Divorced, total	DIVORCED WITH—		
		No children under 18 yr.	Children 6–17 yr. only	Children under 6 yr.		No children under 18 yr.	Children 6–17 yr. only	Children under 6 yr.		No children under 18 yr.	Children 6–17 yr. only	Children under 6 yr.
1975												
Total women	**47,547**	**22,111**	**13,317**	**12,115**	**2,929**	**1,242**	**775**	**913**	**3,982**	**2,099**	**1,180**	**703**
Percent in labor force	44.4	43.9	52.3	36.6	54.8	56.4	59.0	49.1	72.1	69.9	80.1	65.6
In labor force	21,111	9,701	6,971	4,437	1,606	701	457	448	2,873	1,467	945	461
Employed	19,313	9,022	6,467	3,824	1,368	628	398	342	2,633	1,361	859	413
Percent full-time [2]	71.8	78.7	66.3	64.7	78.7	81.8	75.9	76.3	85.4	86.3	84.1	85.2
Unemployed	1,798	680	503	615	238	73	59	106	240	106	86	48
Percent	8.5	7.0	7.2	13.9	14.8	10.4	12.9	23.7	8.4	7.2	9.1	10.4
Not in labor force	26,436	12,410	6,346	7,678	1,323	540	318	465	1,109	632	235	241
1979												
Total women	**48,239**	**23,474**	**13,655**	**11,110**	**3,075**	**1,396**	**909**	**770**	**5,359**	**2,928**	**1,694**	**736**
Percent in labor force	49.4	46.7	59.1	43.2	58.8	57.8	65.2	53.1	74.0	69.9	83.4	68.9
In labor force	23,832	10,974	8,064	4,795	1,808	807	592	409	3,967	2,047	1,412	508
Employed	22,620	10,564	7,669	4,387	1,631	757	540	334	3,723	1,949	1,320	455
Percent full-time [2]	71.0	76.4	67.6	64.1	83.4	84.3	82.4	83.2	88.4	89.0	88.5	85.5
Unemployed	1,212	410	395	407	177	51	52	74	243	98	92	53
Percent	5.1	3.7	4.9	8.5	9.8	6.3	8.8	18.2	6.1	4.8	6.5	10.4
Not in labor force	24,407	12,500	5,592	6,315	1,267	589	317	361	1,392	882	282	229

[1] Married women who are either permanently or temporarily living apart from their husbands for specific reasons, excluding vacations, business meetings, and the like. [2] Workers who, during the survey week, worked 35 hours or more and those who usually work full-time but worked 1 to 34 hours.

Source: U.S. Bureau of Labor Statistics, Special Labor Force Report, No. 198 and *Monthly Labor Review,* April 1980.

No. 673. Employment, by Sex, by States: 1976 and 1979

[State data may not add to U.S. and regional totals since data for States are derived by independent population controls. See headnote, table 656. For total employment by State, see table 656]

Region and State	1976			1979		
	Male (1,000)	Female		Male (1,000)	Female	
		Total (1,000)	Percent [1]		Total (1,000)	Percent [1]
U.S	**52,391**	**35,095**	**40.1**	**56,499**	**40,446**	**41.7**
N.E	**3,021**	**2,121**	**41.2**	**3,275**	**2,490**	**43.2**
Maine	257	173	40.2	263	191	42.2
N.H	213	149	41.2	252	178	41.3
Vt	118	80	40.6	132	96	42.1
Mass	1,472	1,028	41.1	1,544	1,187	43.5
R.I	227	168	42.5	235	185	44.0
Conn	760	556	41.6	848	652	43.5
M.A	**8,745**	**5,766**	**39.7**	**9,118**	**6,570**	**41.9**
N.Y	4,174	2,767	39.9	4,297	3,140	42.2
N.J	1,769	1,193	40.3	1,872	1,421	43.2
Pa	2,865	1,849	39.2	2,933	1,997	40.5
E.N.C	**10,363**	**6,740**	**39.4**	**10,904**	**7,607**	**41.1**
Ohio	2,662	1,698	38.9	2,828	1,911	40.3
Ind	1,379	901	39.5	1,434	1,009	41.3
Ill	2,839	1,905	40.1	2,938	2,100	41.7
Mich	2,221	1,401	38.7	2,363	1,615	40.6
Wis	1,236	817	39.8	1,318	955	42.0
W.N.C	**4,353**	**2,912**	**40.1**	**4,669**	**3,390**	**42.1**
Minn	1,078	677	38.6	1,138	840	42.5
Iowa	759	523	40.8	816	557	40.6
Mo	1,162	831	41.7	1,264	924	42.2
N. Dak	168	101	37.5	174	118	40.4
S. Dak	177	123	40.9	189	137	42.2
Nebr	417	278	40.0	426	321	43.0
Kans	634	407	39.1	663	494	42.7
S.A	**8,054**	**5,711**	**41.5**	**8,734**	**6,494**	**42.6**
Del	140	96	40.7	151	102	40.3
Md	1,054	718	40.5	1,139	829	42.1
D.C	151	152	50.2	150	146	49.3
Va	1,272	898	41.4	1,337	1,023	43.3
W. Va	416	213	33.9	443	256	36.6
N.C	1,379	1,019	42.5	1,441	1,123	43.8
S.C	690	478	40.9	709	532	42.9
Ga	1,186	841	41.5	1,271	944	42.6
Fla	1,820	1,342	42.4	2,079	1,527	42.4
E.S.C	**3,413**	**2,261**	**39.8**	**3,439**	**2,356**	**40.7**
Ky	839	528	38.6	882	594	40.2
Tenn	1,014	703	41.0	1,093	771	41.4
Ala	853	527	38.2	917	592	39.2
Miss	510	371	42.1	537	392	42.2
W.S.C	**5,088**	**3,271**	**39.1**	**5,728**	**3,916**	**40.6**
Ark	480	327	40.5	506	389	43.5
La	859	526	38.0	959	609	38.9
Okla	665	426	39.2	722	512	41.5
Tex	3,171	2,046	39.2	3,562	2,419	40.4
Mt	**2,461**	**1,619**	**39.7**	**2,745**	**1,883**	**40.7**
Mont	199	111	35.7	207	143	40.7
Idaho	210	135	39.1	242	156	39.2
Wyo	108	64	37.4	133	84	38.7
Colo	671	474	41.4	773	547	41.4
N. Mex	253	170	40.2	298	203	40.4
Ariz	513	341	39.9	585	413	41.3
Utah	299	184	38.0	337	222	39.7
Nev	168	110	39.7	204	136	40.0
Pac	**6,963**	**4,824**	**40.9**	**7,887**	**5,739**	**42.1**
Wash	866	584	40.3	1,051	713	40.4
Oreg	581	387	40.0	688	446	39.3
Calif	5,212	3,607	40.9	5,905	4,376	42.5
Alaska	84	61	42.1	92	72	43.9
Hawaii	195	166	46.0	203	171	45.7

[1] Percent of total employment.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment,* annual.

No. 674. Women Employees in Nonagricultural Industries: 1970 to 1979

[Annual averages of monthly figures]

Industry group	1970			1975			1979		
	Number (1,000)	Percent of—		Number (1,000)	Percent of—		Number (1,000)	Percent of—	
		Industry group	Total employment		Industry group	Total employment		Industry group	Total employment
Total	**26,132**	**37**	**37**	**30,178**	**39**	**39**	**36,952**	**40**	**40**
Manufacturing	5,448	28	8	5,257	29	7	6,464	31	7
Durable goods	2,284	20	3	2,276	21	3	3,083	24	3
Nondurable goods	3,165	39	5	2,981	39	4	3,381	41	4
Mining	37	6	(Z)	55	7	(Z)	91	10	(Z)
Construction	186	5	(Z)	256	7	(Z)	372	8	(Z)
Transportation and public utilities	957	21	1	996	22	1	1,231	24	1
Wholesale trade	918	23	1	1,046	24	1	1,311	25	1
Retail trade	5,089	46	7	6,005	47	8	7,355	49	8
Finance, insurance, and real estate	1,907	52	3	2,287	55	3	2,886	58	3
Services	6,224	54	9	7,822	56	10	9,910	58	11
Government	5,365	43	8	6,454	44	8	7,331	47	8

Z Less than .5 percent.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 675. Employed Married Women, Husband Present, by Occupation: 1950 to 1979

[As of **March**, except as noted. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 671]

OCCUPATION	1950	1955 [1]	1960	1965	1970	1975	1976	1977	1978	1979
Total, all groups (millions)	8.0	10.0	11.6	14.0	17.5	19.3	20.0	20.9	21.6	22.6
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Prof., tech., kindred workers	9.5	10.5	13.0	14.7	15.4	17.6	17.4	17.1	17.0	17.7
Farmers and farm managers	1.0	.7	.2	.2	.2	.3	.2	.2	.2	.4
Managers and administrators [2]	7.0	4.6	5.0	4.7	4.7	5.7	6.2	6.0	6.9	6.7
Clerical and kindred workers	32.4	25.4	28.3	30.2	33.6	35.0	35.5	35.5	34.9	35.8
Salesworkers		9.4	8.4	8.1	7.1	6.8	6.4	6.5	7.0	6.5
Craft and kindred workers	1.2	1.3	1.0	1.3	1.3	1.6	1.5	1.6	1.8	1.8
Operatives and kindred workers	23.1	21.8	18.6	17.5	16.3	12.5	13.3	12.9	12.5	11.8
Private household workers	20.2	6.3	6.2	5.1	3.5	2.2	1.9	1.9	1.9	2.0
Service workers, except priv. hshld		12.8	15.9	15.5	16.0	16.5	15.9	16.4	15.7	15.5
Farm laborers and supervisors	5.2	6.6	3.1	2.3	1.6	.9	.9	.9	1.1	.8
Laborers, exc. farm and mine	.4	.6	.3	.5	.3	.8	.9	.9	.9	1.1

[1] As of April. [2] Excludes farm.

Source: 1950 and 1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50, No. 62; thereafter, U.S. Bureau of Labor Statistics, *Special Labor Force Reports.*

No. 676. Satisfied Workers as Percent of Total Workers: 1962 to 1980

[Survey questions asked were variants of "How satisfied are you with your job (or your work)?" Figures for "satisfied" combined responses such as "very satisfied," "somewhat satisfied," and "fairly satisfied"]

WORKER CHARACTERISTIC	1962	1972	1975	1978	1980	WORKER CHARACTERISTIC	1962	1972	1975	1978	1980
Male	84	86	90	89	85	White	84	87	89	90	84
Female	81	86	87	88	83	Black and other	[1] 76	78	85	76	81
18–29 years	(NA)	73	83	83	76	Education:					
21–29 years	74	76	82	84	78	Grade school	83	86	87	88	87
30–39 years	82	88	88	88	82	High school	81	86	91	87	81
40–49 years	84	89	92	92	88	Some college	86	83	90	90	82
50–59 years	(NA)	91	92	92	86	College degree	90	85	85	91	88
60 and over	(NA)	95	94	96	90	Graduate work	84	95	87	91	90

NA Not available. [1] Black only.

Source: National Opinion Research Center, Chicago, Ill., *General Social Surveys, 1972–1978: Cumulative Codebook*, and unpublished data.

No. 677. Labor Turnover Rates in Manufacturing: 1960 to 1979

[**Rate per 100 employees per month.** Data refer to wage and salary workers. See also *Historical Statistics, Colonial Times to 1970*, series D 1022-1028]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Accessions [1]	3.8	4.3	4.0	3.9	4.5	4.8	4.2	3.7	3.9	4.0	4.1	3.9
New hires	2.2	3.1	2.8	2.6	3.3	3.9	3.2	2.0	2.6	2.8	3.1	2.9
Separations [2]	4.3	4.1	4.8	4.2	4.3	4.7	4.9	4.2	3.8	3.8	3.9	4.0
Quits	1.3	1.9	2.1	1.8	2.3	2.8	2.4	1.4	1.7	1.8	2.1	2.0
Layoffs	2.4	1.4	1.8	1.6	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1

[1] Includes rehires. [2] Includes discharges and military and miscellaneous separations.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 678. U.S. Employment Service Job Openings and Placements, and Index of Help-Wanted Advertising: 1960 to 1979

[**In thousands, except as indicated.** Openings and placements: **1960 and 1965, calendar years;** thereafter, **fiscal years;** for 1960 and 1965, include Puerto Rico, Virgin Islands, and Guam]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Job openings: [1] Received	7,124	8,690	6,130	8,443	9,439	7,889	7,668	8,396	9,534	9,477
Average per mo	594	724	511	701	787	657	639	699	795	789
Nonagricultural placements [1]	5,818	6,473	4,604	4,517	4,913	4,374	5,234	5,544	6,248	6,349
Index of help wanted advertising in newspapers [2] (*1967=100*)	*56*	*84*	*93*	*126*	110	80	95	118	150	158

[1] As reported by State employment agencies. [2] Source: The Conference Board, New York, N.Y. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of newspapers.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

No. 679. Employment, by Industry: 1970 to 1979

[**In thousands of persons 16 years old and over, except percent.** Annual averages of monthly figures. Based on household survey; see text, pp. 391 and 392, and Appendix III. Persons of Hispanic origin may be of any race]

Industry	1970	1975	1977	1978	1979			Percent female	
					Total	Percent			
						Black	Hispanic	1970	1979
Total employed	**78,627**	**84,783**	**90,546**	**94,373**	**96,945**	**9.4**	**4.8**	**37.7**	**41.7**
Agriculture, forestry, fisheries	3,566	3,476	3,383	3,501	3,455	7.1	6.6	17.0	19.8
Mining	515	732	814	828	865	3.6	4.9	7.0	11.8
Construction	4,814	5,015	5,504	6,043	6,299	7.0	5.2	4.9	7.4
Manufacturing	20,737	19,275	20,637	21,497	22,137	9.8	6.0	27.7	30.9
Transportation, communication, and other public utilities	5,317	5,623	5,833	6,162	6,406	11.4	4.1	21.2	24.4
Wholesale and retail trade	14,996	17,470	18,706	19,253	19,672	6.2	4.6	23.8	46.0
Wholesale trade	2,670	3,333	3,597	3,616	3,775	6.0	4.0	22.4	25.5
Retail trade	12,327	14,137	15,109	15,636	15,898	6.2	4.8	45.8	50.8
Finance, insurance, real estate	3,942	4,665	5,038	5,406	5,779	7.5	3.4	50.4	57.6
Banking and other finances	1,695	1,918	2,061	2,153	2,367	7.8	4.2	57.7	66.4
Insurance and real estate	2,246	2,747	2,977	3,254	3,412	7.5	2.9	44.9	51.5
Services [1]	20,266	23,759	25,658	26,662	27,275	11.9	4.0	60.6	61.2
Business services	1,402	1,668	1,924	2,128	2,200	10.7	3.9	40.4	44.8
Automobile services	599	697	794	872	933	(NA)	(NA)	8.7	12.4
Personal services [1]	4,273	3,719	3,826	3,826	3,800	18.4	6.1	75.5	73.7
Private households	1,781	1,378	1,406	1,396	1,301	30.1	6.6	88.9	88.1
Hotels and lodging places	978	973	1,068	1,075	1,096	(NA)	(NA)	68.0	65.4
Entertainment and recreation	716	849	968	1,018	1,026	7.3	4.4	33.9	38.4
Professional and related services [1]	[2] 12,894	16,373	17,644	18,327	18,817	11.3	3.3	63.7	65.6
Hospitals	2,841	3,394	3,645	3,781	3,843	16.3	3.5	77.4	76.5
Health services [3]	1,626	2,471	2,683	2,933	3,047	9.7	3.0	71.1	74.7
Elementary, secondary schools	6,123	5,034	5,106	5,180	5,368	(NA)	(NA)	62.0	70.9
Colleges and universities		1,830	2,016	1,996	2,048	(NA)	(NA)		48.9
Welfare and religious agencies	827	1,231	1,429	1,525	1,536	15.8	4.4	48.1	59.0
Public administration [4]	[2] *4,473*	*4,770*	*4,972*	*5,020*	*5,056*	*12.9*	*4.1*	*31.5*	*34.2*

NA Not available. [1] Includes industries not shown separately. [2] Not strictly comparable with later years due to reclassification between "Professional and related services" and "Public administration." [3] Except hospitals.
[4] Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

No. 680. Civilians Employed, by Hours Worked: 1965 to 1979

[**In thousands of persons 16 years old and over, except 1965, 14 and over; except percent.** Annual averages of monthly figures]

Hours worked	1965	1970	1973	1974	1975	1976	1977	1978	1979
Employed, nonagricultural industries [1]	**67,594**	**75,165**	**80,957**	**82,443**	**81,403**	**84,188**	**87,302**	**91,031**	**93,648**
Worked 1-14 hours	4,027	3,962	4,092	4,200	4,349	4,376	4,500	4,568	4,547
Worked 15-34 hours	8,590	14,260	13,381	14,075	14,189	15,239	15,756	15,915	17,490
Worked 35 or more hours	51,611	52,462	58,710	59,008	57,857	59,410	61,742	65,210	66,095
Percent of total	76.4	69.8	72.5	71.6	71.1	70.6	70.7	71.6	70.6
Employed, agricultural industries [1]	**4,585**	**3,462**	**3,452**	**3,492**	**3,380**	**3,297**	**3,244**	**3,342**	**3,297**
Worked 35 or more hours	3,027	2,255	2,265	2,301	2,227	2,186	2,149	2,229	2,274
Percent of total	66.0	65.1	65.5	65.9	65.9	66.3	66.2	66.7	69.0

[1] Includes persons who had a job or business, but did not work at all during survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons, not shown separately.

No. 681. Class of Worker of Employed Persons, by Sex: 1965 to 1979

[See headnote, table 680]

Class of worker	1965		1970		1975		1978		1979	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Nonagriculture, employed	**43,304**	**24,289**	**46,099**	**29,066**	**48,429**	**32,974**	**52,810**	**38,221**	**53,854**	**39,794**
Wage and salary workers	38,434	22,331	42,116	27,330	44,205	31,093	48,238	36,016	49,098	37,442
Self-employed workers	4,794	1,419	3,929	1,288	4,171	1,456	4,529	1,776	4,714	1,939
Unpaid family workers	77	540	53	449	54	424	43	429	42	412
Agriculture, employed	**3,729**	**856**	**2,861**	**601**	**2,801**	**579**	**2,681**	**661**	**2,645**	**652**
Wage and salary workers	1,243	249	979	174	1,062	218	1,135	283	1,130	283
Self-employed workers	2,170	137	1,722	88	1,592	123	1,455	153	1,418	163
Unpaid family workers	*316*	*470*	*160*	*339*	*147*	*239*	*91*	*225*	*98*	*206*

Source of tables 679–681: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 682. Unemployed and Unemployment Insurance—Summary: 1970 to 1980

[In thousands, except as indicated. Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See also *Historical Statistics, Colonial Times to 1970,* series D 87-101]

ITEM AND CHARACTERISTIC	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–May [1]
Total unemployed	4,088	4,840	4,304	5,076	7,830	7,288	6,855	6,047	5,963	6,918
Labor force time lost [2] (percent)	5.4	6.0	5.2	6.1	9.1	8.4	7.6	6.5	6.3	7.3
Male	2,235	2,635	2,240	2,668	4,385	3,968	3,588	3,051	3,018	3,762
Female	1,853	2,205	2,064	2,408	3,445	3,320	3,267	2,996	2,945	3,156
White	3,337	3,884	3,411	4,057	6,371	5,855	5,373	4,620	4,577	5,387
Black and other	752	956	894	1,018	1,459	1,433	1,482	1,427	1,386	1,527
Full-time workers	3,201	3,769	3,291	3,941	6,437	5,874	5,432	4,706	4,639	5,554
Part-time workers	887	1,071	1,013	1,134	1,393	1,414	1,423	1,341	1,325	1,360
Percent of total unemployed	21.7	22.1	23.5	22.3	17.8	19.4	20.8	22.2	22.2	19.7
16–19 years old	1,105	1,302	1,225	1,410	1,752	1,701	1,642	1,559	1,528	1,575
Percent of total unemployed	27.0	26.9	28.5	27.8	22.4	23.3	24.0	25.8	25.6	22.8
Male	599	707	647	749	957	928	861	799	795	823
Female	506	595	579	660	795	773	781	760	733	752
White	871	1,017	950	1,099	1,406	1,356	1,275	1,178	1,181	1,229
Black and other	235	284	275	311	347	345	367	381	347	346
20–24 years old	864	1,116	985	1,182	1,828	1,670	1,578	1,425	1,377	1,645
Percent of total unemployed	21.1	23.1	22.9	23.3	23.3	22.9	23.0	23.6	23.1	23.8
Male	478	619	514	631	1,059	924	846	733	705	946
Female	386	497	471	552	769	746	732	692	672	699
White	678	879	746	910	1,455	1,303	1,169	1,029	1,005	(NA)
Black and other	185	237	239	272	373	367	409	396	372	(NA)
25–44 years old	1,230	1,436	1,289	1,568	2,684	2,507	2,375	2,047	2,075	2,622
Percent of total unemployed	30.1	29.7	29.9	30.9	34.3	34.4	34.6	33.9	34.8	37.9
Male	643	738	633	791	1,465	1,315	1,206	963	982	1,382
Female	587	698	656	777	1,218	1,192	1,170	1,085	1,092	1,239
45–64 years old	784	876	717	816	1,410	1,264	1,112	892	880	984
Percent of total unemployed	19.2	18.1	16.7	16.1	18.0	17.3	16.2	14.8	14.8	14.2
Male	444	499	389	434	801	708	579	475	469	539
Female	340	377	328	382	610	556	533	418	411	445
65 years and over	104	111	88	99	155	147	147	123	104	94
Unemployment rate (percent): [3]										
All workers	4.9	5.6	4.9	5.6	8.5	7.7	7.0	6.0	5.8	6.6
White	4.5	5.0	4.3	5.0	7.8	7.0	6.2	5.2	5.1	5.9
Male	4.0	4.5	3.7	4.3	7.2	6.4	5.5	4.5	4.4	5.6
Female	5.4	5.9	5.3	6.1	8.6	7.9	7.3	6.2	5.9	6.3
Black and other	8.2	10.0	8.9	9.9	13.9	13.1	13.1	11.9	11.3	12.3
Ratio to White	1.8	2.0	2.1	2.0	1.8	1.9	2.1	2.3	2.2	2.1
Male	7.3	8.9	7.6	9.1	13.7	12.7	12.4	10.9	10.3	12.0
Female	9.3	11.3	10.5	10.7	14.0	13.6	14.0	13.1	12.3	12.7
Men, 20 years old and over	3.5	4.0	3.2	3.8	6.7	5.9	5.2	4.2	4.1	5.3
Women, 20 years old and over	4.8	5.4	4.8	5.5	8.0	7.4	7.0	6.0	5.7	6.0
Women maintaining families	5.4	7.2	7.0	7.0	10.0	10.0	9.3	8.5	8.3	6.4
Married men, wife present	2.6	2.8	2.3	2.7	5.1	4.2	3.6	2.8	2.7	3.7
White	2.4	2.6	2.1	2.5	4.8	4.0	3.4	2.6	2.5	(NA)
Black and other	3.9	4.5	3.8	4.3	8.3	7.0	6.2	4.8	5.0	(NA)
Teenagers (16–19 yr. old)	15.3	16.2	14.5	16.0	19.9	19.0	17.7	16.3	16.1	16.8
Blue-collar workers	6.2	6.5	5.3	6.7	11.7	9.4	8.1	6.9	6.9	8.9
White-collar workers	2.8	3.4	2.9	3.3	4.7	4.6	4.3	3.5	3.3	3.5
Experienced workers [4]	4.8	5.3	4.5	5.3	8.2	7.3	6.6	5.6	5.8	6.3
Percent without work for—										
4 weeks or less	52.3	45.9	51.0	50.6	37.0	38.3	41.7	46.2	48.1	47.3
5–10 weeks	23.4	22.5	22.4	22.7	22.2	21.0	22.0	22.8	23.4	(NA)
11–14 weeks	8.1	7.6	7.7	8.2	9.1	8.6	8.5	8.3	8.3	(NA)
15–26 weeks	10.4	12.3	11.0	11.1	16.5	13.8	13.1	12.3	11.5	12.5
Over 26 weeks	5.8	11.6	7.8	7.3	15.2	18.3	14.8	10.5	8.7	8.7
Unemployment duration, avg. (weeks)	8.8	12.1	10.0	9.7	14.1	15.8	14.3	11.9	10.8	10.8
Unemployment insurance: [5]										
Insured unemployed, avg. [6]	1,805	1,848	1,632	2,262	3,986	2,991	2,655	2,350	2,433	(NA)
Percent of covered employment	3.4	3.5	2.7	3.5	6.0	4.6	3.9	3.3	2.9	(NA)
Initial claims, wkly. avg. [7]	296	261	247	363	478	386	375	346	387	(NA)
Claimants exhausting benefits	1,295	1,809	1,495	1,926	4,195	3,270	2,850	2,039	2,037	(NA)
Percent of first payment claims	24.4	29.2	27.7	31.0	37.8	37.8	33.2	26.7	26.7	(NA)
Avg. duration of benefits (weeks)	12.3	14.2	13.4	12.7	15.7	14.9	14.2	13.3	13.1	(NA)

NA Not available. [1] Seasonally adjusted average. See text, p. 393. Some detail will not add to total because of independent adjustments. [2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. [3] Unemployed as percent of civilian labor force in specified group. [4] Wage and salary workers. [5] Source: U.S. Employment and Training Administration. State programs only. See table 566. [6] Workers reporting completion of at least 1 week of unemployment. [7] Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* annual, and *Employment and Earnings,* monthly.

NO. 683. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1975 TO 1979

[Persons 16 years old and over. Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS), except as noted in footnote 5; see text, p. 1]

STATE	TOTAL UNEMPLOYED [1]										INSURED UNEMPLOYED			
	Number (1,000)					Percent [2]					Number (1,000)		Percent [3]	
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979	1978	1979 [4]	1978	1979 [4]
Alabama	111	100	114	101	116	7.7	6.8	7.4	6.3	7.1	35.5	42.1	3.5	3.4
Alaska [5]	10	13	16	20	17	6.7	8.0	9.4	11.2	9.2	13.4	11.5	11.1	8.1
Arizona [5]	113	93	80	61	53	12.1	9.8	8.2	6.1	5.1	13.9	13.7	2.1	1.6
Arkansas [5]	80	62	60	58	59	9.5	7.1	6.6	6.3	6.2	22.6	24.7	3.9	3.5
California	926	880	834	755	683	9.9	9.2	8.2	7.1	6.2	310.5	292.5	4.1	3.2
Colorado [5]	80	71	78	71	66	6.9	5.9	6.2	5.5	4.8	17.1	15.6	2.0	1.5
Connecticut	133	139	106	79	81	9.1	9.5	7.0	5.2	5.1	37.2	30.9	3.0	2.4
Delaware [5]	25	23	23	21	22	9.8	8.9	8.4	7.6	8.0	6.8	6.3	3.2	2.6
District of Columbia	26	30	32	28	24	7.6	9.1	9.7	8.5	7.5	10.1	9.5	2.9	2.6
Florida	366	314	289	245	230	10.7	9.0	8.2	6.6	6.0	58.7	56.0	2.1	1.8
Georgia	185	179	156	131	119	8.6	8.1	6.9	5.7	5.1	37.4	38.1	2.4	2.0
Hawaii [5]	32	39	30	31	25	8.2	9.8	7.3	7.7	6.3	10.4	9.8	3.1	2.8
Idaho [5]	21	21	23	23	24	6.2	5.7	5.9	5.7	5.7	9.2	11.0	3.7	3.6
Illinois	357	332	320	323	293	7.1	6.5	6.2	6.1	5.5	148.2	141.0	3.9	3.1
Indiana	206	148	141	146	167	8.6	6.1	5.7	5.7	6.4	32.5	45.2	1.8	2.2
Iowa [5]	56	53	56	57	59	4.2	4.0	4.0	4.0	4.1	22.9	21.5	2.6	2.0
Kansas [5]	48	46	45	35	40	4.6	4.2	4.1	3.1	3.4	13.4	13.8	2.0	1.6
Kentucky	103	81	70	82	87	7.3	5.6	4.7	5.2	5.6	32.3	37.9	3.5	3.8
Louisiana	106	101	109	113	112	7.4	6.8	7.0	7.0	6.7	32.5	31.8	2.8	2.3
Maine [5]	47	42	39	29	35	10.3	8.9	8.4	6.1	7.2	14.5	14.4	4.7	3.8
Maryland	128	128	118	114	124	6.9	6.8	6.1	5.6	5.9	33.1	34.4	2.8	2.4
Massachusetts	304	263	225	173	160	11.2	9.5	8.1	6.1	5.5	78.1	75.1	3.9	3.1
Michigan	488	374	337	289	335	12.5	9.4	8.2	6.9	7.8	127.6	162.7	4.0	4.8
Minnesota	107	110	98	76	86	5.9	5.9	5.1	3.8	4.2	31.2	32.2	2.1	2.0
Mississippi [5]	75	62	71	68	57	8.2	6.6	7.4	7.1	5.8	17.5	19.3	2.9	2.5
Missouri	142	133	131	114	104	6.9	6.2	5.9	5.0	4.5	50.3	52.0	3.3	2.8
Montana [5]	21	20	22	22	19	6.3	6.1	6.4	6.0	5.1	9.3	8.9	4.0	3.6
Nebraska [5]	28	24	28	23	25	3.9	3.3	3.7	2.9	3.2	8.2	7.1	1.7	1.3
Nevada [5]	28	27	23	15	18	9.7	9.0	7.0	4.4	5.1	7.9	7.9	3.0	2.3
New Hampshire [5]	34	25	24	16	14	9.1	6.4	5.9	3.8	3.1	4.3	4.5	1.5	1.4
New Jersey	333	345	316	246	245	10.2	10.4	9.4	7.2	6.9	117.8	126.0	5.1	4.5
New Mexico [5]	44	43	39	30	35	10.0	9.1	7.8	5.8	6.6	8.8	8.4	2.9	2.1
New York	729	794	707	603	571	9.5	10.3	9.1	7.7	7.1	261.5	250.9	4.5	3.7
North Carolina	217	159	155	116	129	8.6	6.2	5.9	4.3	4.8	37.1	38.3	2.0	1.8
North Dakota [5]	10	10	14	14	11	3.7	3.6	4.8	4.6	3.7	5.8	5.5	3.5	2.7
Ohio	429	369	311	267	297	9.1	7.8	6.5	5.4	5.9	87.9	116.5	2.3	2.8
Oklahoma	83	65	61	49	44	7.2	5.6	5.0	3.9	3.4	12.6	13.7	1.6	1.4
Oregon	110	102	83	72	83	10.6	9.5	7.4	6.0	6.8	31.9	34.1	3.7	3.6
Pennsylvania	423	406	398	364	366	8.3	7.9	7.7	6.9	6.9	184.7	184.3	4.8	4.2
Rhode Island [5]	48	35	38	29	30	10.9	8.1	8.6	6.6	6.6	21.3	18.7	6.2	4.9
South Carolina [5]	103	87	92	74	65	8.7	6.9	7.2	5.7	5.0	20.7	23.3	2.4	2.2
South Dakota [5]	11	11	10	10	12	3.7	3.4	3.3	3.1	3.5	3.9	3.4	2.2	1.6
Tennessee	151	110	120	111	115	8.3	6.0	6.3	5.8	5.8	43.1	50.9	3.2	3.1
Texas	294	318	309	288	263	5.6	5.7	5.3	4.8	4.2	57.9	60.9	1.4	1.2
Utah [5]	36	29	28	21	25	6.8	5.7	5.3	3.8	4.3	9.5	10.3	2.5	2.3
Vermont [5]	20	19	16	14	12	9.4	8.7	7.0	5.7	5.1	6.0	6.2	4.2	3.5
Virginia	145	136	126	130	117	6.4	5.9	5.3	5.4	4.7	26.5	26.6	1.7	1.5
Washington	147	137	145	120	128	9.5	8.7	8.8	6.8	6.8	48.2	42.0	4.3	3.0
West Virginia [5]	57	51	49	46	51	8.6	7.5	7.1	6.3	6.7	22.4	25.1	4.5	4.4
Wisconsin	148	122	109	118	108	6.9	5.6	4.9	5.1	4.5	46.2	53.8	2.7	3.0
Wyoming [5]	7	7	7	7	6	4.2	4.1	3.6	3.3	2.8	1.5	1.5	1.2	.9

[1] *Data from U.S. Bureau of Labor Statistics.* [2] Total unemployment as percent of civilian labor force. [3] Insured unemployment as percent of average covered employment in the previous year. [4] Preliminary. [5] For 1975, unemployment estimates were derived from data drawn from the CPS and the unemployment insurance program.

Source: U.S. Employment and Training Administration, *Manpower Report of the President,* annual, and U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment,* annual.

No. 684. Unemployment, 1979, and Unemployment Rate, 1978 and 1979, by Sex—States

[**Persons 16 years old and over.** Rate=unemployed as a percent of civilian labor force in specified group]

Division and State	Unemployed, 1979 (1,000)		Unemployment rate				Division and State	Unemployed, 1979 (1,000)		Unemployment rate			
			1978		1979					1978		1979	
	Male	Female	Male	Female	Male	Female		Male	Female	Male	Female	Male	Female
U.S	**3,018**	**2,945**	**5.2**	**7.2**	**5.1**	**6.8**	**S.A.—Con.**						
							Va	57	60	4.3	6.7	4.1	5.6
N.E	**176**	**156**	**5.2**	**6.4**	**5.1**	**5.9**	W. Va	31	19	5.5	7.9	6.6	7.1
Maine	19	16	5.6	6.8	6.8	7.7	N.C	55	74	3.2	5.8	3.7	6.2
N.H	7	7	3.2	4.6	2.6	3.9	S.C	22	44	4.2	7.6	3.0	7.6
Vt	6	6	4.8	7.1	4.6	5.7	Ga	46	73	4.3	7.3	3.5	7.2
Mass	88	72	5.8	6.5	5.4	5.7	Fla	108	122	5.6	8.0	5.0	7.4
R.I	17	13	7.2	5.9	6.8	6.5	**E.S.C**	**179**	**197**	**4.5**	**8.1**	**4.9**	**7.7**
Conn	39	42	4.1	6.7	4.3	6.1	Ky	45	42	4.1	6.9	4.9	6.6
							Tenn	54	60	4.7	7.3	4.7	7.2
M.A	**631**	**553**	**6.7**	**8.2**	**6.5**	**7.8**	Ala	53	62	4.9	8.5	5.5	9.5
N.Y	308	263	7.3	8.2	6.7	7.7	Miss	25	32	4.3	10.7	4.5	7.6
N.J	123	122	6.2	8.6	6.2	7.9							
Pa	199	167	6.2	8.0	6.4	7.7	**W.S.C**	**220**	**257**	**4.1**	**6.8**	**3.7**	**6.1**
							Ark	25	34	4.7	8.4	4.7	8.2
E.N.C	**628**	**575**	**5.1**	**7.1**	**5.4**	**7.0**	La	52	60	5.7	9.1	5.1	9.0
Ohio	149	148	4.9	6.2	5.0	7.2	Okla	20	24	3.4	4.6	2.7	4.5
Ind	88	79	4.4	7.4	5.8	7.2	Tex	125	139	3.7	6.4	3.4	5.4
Ill	149	143	5.3	7.1	4.8	6.4							
Mich	183	152	5.7	8.6	7.2	8.6	**Mt**	**120**	**124**	**4.9**	**6.1**	**4.2**	**6.2**
Wis	57	51	4.3	6.3	4.1	5.1	Mont	9	10	5.3	7.3	4.0	6.6
							Idaho	13	11	5.3	6.4	5.1	6.5
W.N.C	**177**	**161**	**3.4**	**4.8**	**3.6**	**4.5**	Wyo	3	4	2.7	4.2	1.9	4.2
Minn	49	37	3.1	4.8	4.1	4.2	Colo	32	35	4.7	6.6	3.9	6.0
Iowa	31	28	3.8	4.2	3.7	4.8	N. Mex	18	18	5.1	6.8	5.6	8.0
Mo	51	53	4.1	6.3	3.9	5.5	Ariz	26	28	6.1	6.1	4.2	6.3
N. Dak	7	4	4.3	5.1	3.7	3.6	Utah	13	12	3.6	4.2	3.6	5.3
S. Dak	6	6	2.5	4.0	3.2	4.0	Nev	10	8	3.7	5.6	4.7	5.7
Nebr	12	12	2.7	3.3	2.8	3.6							
Kans	21	20	2.5	3.7	3.0	3.8	**Pac**	**486**	**443**	**6.5**	**7.9**	**5.8**	**7.2**
							Wash	67	61	6.1	7.9	6.0	7.9
S.A	**401**	**481**	**4.7**	**7.2**	**4.4**	**6.9**	Oreg	45	38	5.6	6.7	6.1	7.9
Del	10	12	6.4	9.5	6.5	10.2	Calif	355	328	6.5	8.0	5.7	7.0
Md	59	64	4.6	7.0	5.0	7.2	Alaska	10	6	12.6	9.4	10.1	7.9
D.C	12	12	9.5	7.5	7.4	7.7	Hawaii	13	12	7.8	7.6	6.1	6.5

No. 685. Minority Race Unemployment, Selected States: 1977 to 1979

[**Persons 16 years old and over.** U.S. totals derived by independent population controls; therefore, State data may not add to U.S. totals. See headnote, table 656. Minority refers to all races other than White. Data are annual averages based on information collected as part of the Current Population Survey; see text, p.1]

State	Unemployed (1,000)			Rate [1]			State	Unemployed (1,000)			Rate [1]		
	1977	1978	1979	1977	1978	1979		1977	1978	1979	1977	1978	1979
U.S	**1,482**	**1,427**	**1,386**	**13.1**	**11.9**	**11.3**	Md	41	52	55	11.1	12.3	12.3
							Mass	9	10	10	13.1	9.8	7.0
Ala	49	43	48	14.5	12.4	13.0	Mich	70	72	88	15.9	14.4	16.3
Alaska	5	6	4	15.3	17.6	13.7	Miss	45	46	32	13.8	14.0	10.5
Ariz	4	8	5	8.1	13.2	8.2	Mo	29	38	32	13.5	13.2	13.4
Ark	21	19	23	14.3	12.3	17.3	Mont	1	2	2	8.9	12.9	14.7
Calif	160	152	125	13.2	11.6	9.4	N.J	60	49	52	16.3	12.4	12.2
Colo	6	5	7	12.6	11.5	10.5	N. Mex	5	4	6	11.8	8.4	13.4
Conn	11	11	15	10.8	11.2	14.3	N.Y	122	117	134	12.2	11.0	11.6
D.C	30	25	20	12.2	10.3	9.3	N.C	57	50	50	10.7	9.0	8.9
Del	7	5	5	16.5	14.4	14.9	Ohio	57	66	66	13.6	14.8	13.6
Fla	83	80	74	13.0	11.4	10.9	Okla	15	15	8	14.2	12.8	8.6
Ga	61	47	49	12.2	10.2	11.1	Pa	72	69	71	19.4	17.5	16.2
Hawaii	21	22	15	6.7	7.2	5.3	S.C	34	27	23	11.3	8.5	6.9
Ill	92	100	80	14.8	14.8	11.4	Tenn	36	33	38	12.7	11.5	12.8
Ind	30	28	31	16.9	14.8	15.2	Texas	68	69	59	9.8	9.5	8.5
Kans	7	7	4	12.3	10.4	7.0	Va	45	45	47	11.2	10.3	11.1
Ky	10	10	10	10.0	10.7	9.6	Wash	13	12	10	18.6	13.5	10.0
La	46	53	55	12.6	13.4	12.8	Wis	14	12	7	22.2	16.4	9.4

[1] Unemployed as percent of civilian labor force.

Source of tables 684 and 685: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

NO. 686. UNEMPLOYMENT RATE, BY INDUSTRY AND OCCUPATION, 1975 TO 1979, AND BY SEX, 1977 TO 1979

[**Persons 16 years old and over.** Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures.]

INDUSTRY AND OCCUPATION OF LAST JOB	1975	1976	1977	1978	1979	MALE			FEMALE		
						1977	1978	1979	1977	1978	1979
All unemployed [1]	***8.5***	***7.7***	***7.0***	***6.0***	***5.8***	***6.2***	***5.2***	***5.1***	***8.2***	***7.2***	***6.8***
Industry: [2]											
Agriculture	10.3	11.7	11.1	8.8	9.1	10.0	7.2	7.7	15.4	14.5	14.0
Mining	4.0	4.7	3.8	4.1	4.9	3.3	4.2	5.0	8.6	3.6	4.3
Construction	18.1	15.6	12.7	10.6	10.2	12.9	10.8	10.4	9.8	7.7	7.5
Manufacturing	10.9	7.9	6.7	5.5	5.5	5.3	4.2	4.4	9.7	8.2	8.0
Transportation, public utilities	5.6	5.0	4.7	3.7	3.7	4.6	3.5	3.4	5.0	4.4	4.5
Wholesale and retail trade	8.7	8.6	8.0	6.9	6.5	6.8	5.6	5.4	9.5	8.3	7.7
Finance, insurance, and real estate	4.9	4.4	3.9	3.1	3.0	3.0	2.7	2.3	4.5	3.4	3.5
Service industries	7.1	7.2	6.6	5.7	5.4	6.4	5.2	5.1	6.8	6.0	5.6
Government	4.0	4.4	4.2	3.9	3.7	3.5	3.5	3.1	4.8	4.4	4.3
Occupation: [3]											
Professional and technical	3.2	3.2	3.0	2.6	2.4	2.3	2.0	1.8	3.9	3.5	3.3
Mgrs. and administrators [4]	3.0	3.1	2.8	2.1	2.3	2.3	1.7	1.7	4.4	3.4	3.4
Sales workers	5.8	5.4	5.3	4.1	3.9	4.0	3.0	2.8	6.8	5.5	5.3
Clerical workers	6.6	6.4	5.9	4.9	4.6	5.0	4.1	3.8	6.1	5.1	4.8
Craft and kindred workers	8.3	6.9	5.6	4.6	4.5	5.5	4.6	4.4	7.4	6.0	5.0
Operatives, except transport	14.7	10.8	9.5	8.1	8.4	8.0	6.5	6.9	11.7	10.4	10.6
Transport equipment operatives	8.5	7.7	6.8	5.2	5.4	6.6	5.1	5.4	6.7	7.4	5.0
Nonfarm laborers	15.6	13.7	12.0	10.7	10.8	12.1	10.8	10.8	11.0	9.8	11.0
Service workers	8.6	8.7	8.2	7.4	7.1	7.5	6.8	6.6	8.6	7.8	7.4
Farm workers	3.5	4.5	4.6	3.8	3.8	4.0	2.9	3.0	7.6	7.5	7.0

[1] Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately. [2] Covers unemployed wage and salary workers. [3] Includes all experienced unemployed persons. [4] Excludes farm.

NO. 687. UNEMPLOYED PERSONS, BY REASON AND SEX: 1970 TO 1979

[**In thousands of persons 16 years old and over, except percent.** Annual averages of monthly figures]

UNEMPLOYED PERSONS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	**4,088**	**4,993**	**4,840**	**4,304**	**5,076**	**7,830**	**7,288**	**6,855**	**6,047**	**5,963**
Job losers	1,809	2,313	2,089	1,666	2,205	4,341	3,625	3,103	2,514	2,555
Percent	*44.3*	*46.3*	*43.2*	*38.7*	*43.4*	*55.4*	*49.7*	*45.3*	*41.6*	*42.8*
Job leavers	549	587	635	674	756	812	886	889	851	854
Reentrants	1,227	1,466	1,444	1,323	1,441	1,865	1,895	1,926	1,814	1,758
New entrants	503	627	672	642	672	812	882	938	867	797
Male	***2,235***	***2,776***	***2,635***	***2,240***	***2,668***	***4,385***	***3,968***	***3,588***	***3,051***	***3,018***
Job losers	1,197	1,542	1,376	1,080	1,436	2,877	2,389	1,977	1,572	1,611
Percent	53.6	55.5	52.2	48.2	53.8	65.6	60.2	55.1	51.5	53.4
Job leavers	282	304	318	333	364	367	393	402	406	413
Reentrants	532	642	637	528	579	770	768	777	667	651
New entrants	224	288	304	298	290	371	418	433	385	342
Female	**1,853**	**2,217**	**2,205**	**2,064**	**2,408**	**3,445**	**3,320**	**3,267**	**2,996**	**2,945**
Job losers	613	771	713	585	770	1,464	1,235	1,126	942	944
Percent	33.1	34.8	32.3	28.3	32.0	42.5	37.2	34.5	31.4	32.1
Job leavers	*267*	*283*	317	341	393	445	493	487	445	441
Reentrants	695	824	807	794	863	1,095	1,128	1,149	1,127	1,106
New entrants	279	338	368	343	383	441	464	505	482	455

NO. 688. PERSONS WITH A JOB BUT NOT AT WORK: 1965 TO 1979

[**In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over.** Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116-126, for related but not comparable data]

REASON FOR NOT WORKING	1965	1970	1973	1974	1975	1976	1977	1978	1979
All industries, number	**3,525**	**4,614**	**4,926**	**5,323**	**5,171**	**5,307**	**5,450**	**5,493**	**5,658**
Percent of employed	**4.9**	**5.9**	**5.8**	**6.2**	**6.1**	**6.1**	**6.0**	**5.8**	**5.8**
Nonagricultural industries	3,368	4,481	4,775	5,162	5,007	5,164	5,303	5,338	5,514
Reason for not working:									
Vacation	1,738	2,324	2,609	2,887	2,788	2,898	2,913	2,942	3,143
Illness	1,039	1,317	1,362	1,377	1,332	1,387	1,410	1,418	1,400
Bad weather	79	127	191	143	138	99	236	236	196
Industrial dispute	48	156	75	149	94	115	119	99	122
All other	621	690	689	767	819	808	772	799	798

Source of tables 686-688: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 689. Nonagricultural Establishments—Employees and Average Weekly Hours, by Industry: 1960 to 1980

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, domestic servants, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1978 employment benchmark; consequently, may not be comparable with previously published data. Based on a Federal-State cooperative program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127–141 and D 803, 878, 881, 884, and 890]

Item and year	Nonagricultural establishments									Grouped industries	
	Total	Manufacturing	Wholesale and retail trade	Government	Services	Transportation, public utilities	Finance, insurance, real estate	Construction	Mining	Goods-related [1]	Service-related and all other
Number (1,000)											
1960	54,189	16,796	11,391	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965	60,765	18,062	12,716	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970	70,880	19,367	15,040	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1974	78,265	20,077	16,987	14,170	13,441	4,725	4,148	4,020	697	24,794	53,471
1975	76,945	18,323	17,060	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1976	79,382	18,997	17,755	14,871	14,551	4,582	4,271	3,576	779	23,352	56,030
1977	82,423	19,682	18,516	15,079	15,303	4,713	4,467	3,851	813	24,346	58,077
1978	86,446	20,476	19,499	15,476	16,220	4,927	4,727	4,271	851	25,597	60,849
1979	89,482	20,972	20,137	15,612	17,043	5,154	4,963	4,644	957	26,574	62,909
1980, Jan.-May [2]	90,630	20,720	20,434	15,885	17,548	5,202	5,104	4,723	1,014	26,458	64,173
Percent distribution											
1960	100.0	31.0	21.0	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965	100.0	29.7	20.9	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970	100.0	27.3	21.2	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1974	100.0	25.7	21.7	18.1	17.2	6.0	5.3	5.1	.9	31.7	68.3
1975	100.0	23.8	22.2	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1976	100.0	23.9	22.4	18.7	18.3	5.8	5.4	4.5	1.0	29.4	70.6
1977	100.0	23.9	22.4	18.3	18.6	5.7	5.4	4.7	1.0	29.5	70.5
1978	100.0	23.7	22.5	17.9	18.8	5.7	5.5	4.9	1.0	29.6	70.4
1979	100.0	23.4	22.5	17.4	19.0	5.8	5.6	5.2	1.1	29.7	70.3
1980, Jan.-May [2]	100.0	22.9	22.6	17.5	19.4	5.7	5.6	5.2	1.1	29.2	70.8
Average weekly hours [3]											
1960	38.6	39.7	38.6	(NA)	(NA)	(NA)	37.2	36.7	40.4	(NA)	(NA)
1965	38.8	41.2	37.7	(NA)	35.9	41.3	37.2	37.4	42.3	(NA)	(NA)
1970	37.1	39.8	35.3	(NA)	34.4	40.5	36.7	37.3	42.7	(NA)	(NA)
1974	36.5	40.0	34.2	(NA)	33.6	40.2	36.5	36.6	41.9	(NA)	(NA)
1975	36.1	39.5	33.9	(NA)	33.5	39.7	36.5	36.4	41.9	(NA)	(NA)
1976	36.1	40.1	33.7	(NA)	33.3	39.8	36.4	36.8	42.4	(NA)	(NA)
1977	36.0	40.3	33.3	(NA)	33.0	39.9	36.4	36.5	43.4	(NA)	(NA)
1978	35.8	40.4	32.9	(NA)	32.8	40.0	36.4	36.8	43.3	(NA)	(NA)
1979	35.7	40.2	32.6	(NA)	32.7	39.9	36.3	36.9	43.0	(NA)	(NA)
1980, Jan-May [2]	35.4	39.8	32.2	(NA)	32.7	39.6	36.4	36.9	43.5	(NA)	(NA)

NA Not available. [1] Mining, construction, and manufacturing. [2] Seasonally adjusted. [3] See headnote, table 699.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 690. Minority (Other Than White) Races as Percent of Nonagricultural Wage and Salary Employment, by Industry: 1965 to 1979

[Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, p. 391. Excludes self-employed and unpaid family workers]

Year	Total	Manufacturing	Wholesale and retail trade	Government	Services [2]	Transportation, public utilities	Finance, insurance, real estate	Construction	Mining	Goods-related [1]	Service-related and all other [2]
1965	11.0	8.3	8.9	12.4	13.3	7.7	5.0	11.5	5.5	8.7	10.4
1970	11.2	10.2	7.8	14.0	12.2	8.8	6.7	10.4	3.8	10.1	10.6
1973	11.3	10.8	7.8	15.0	12.0	9.8	7.0	9.6	3.9	10.4	10.9
1974	11.3	11.1	7.9	14.7	11.8	10.3	7.7	9.4	4.1	10.7	10.9
1975	11.2	10.7	8.1	14.7	11.9	9.9	7.8	9.0	2.9	10.2	11.0
1976	11.3	11.1	7.8	15.1	12.0	10.3	8.1	8.0	3.5	10.4	11.1
1977	11.4	11.0	7.8	15.3	12.1	11.0	8.1	8.6	4.0	10.4	11.2
1978	11.6	11.2	8.3	15.8	12.3	11.2	9.1	8.6	4.0	10.6	11.7
1979	11.2	11.5	8.5	15.9	12.5	11.8	9.3	8.7	4.3	10.8	11.8

[1] Mining, construction, and manufacturing. [2] Excludes private household.

Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 691. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1970 TO 1979

[**In thousands.** For coverage, see headnote, table 689. National totals differ from the sum of the State figures because some States have more recent benchmarks than others and because the stratification of industries differs among the States. Based on 1972 *Standard Industrial Classification Manual;* see text, p. 392]

STATE	1970, total	1975, total	1977, total	1978, total	1979							
					Total[1]	Manufacturing	Wholesale and retail trade	Government	Services	Transportation, public utilities	Finance, insurance, real estate	Construction
U.S	**70,880**	**76,945**	**82,423**	**86,446**	**89,482**	**20,972**	**20,137**	**15,612**	**17,043**	**5,154**	**4,963**	**4,644**
N. Eng	**4,544**	**4,656**	**4,972**	**5,227**	**5,390**	**1,518**	**1,160**	**838**	**1,136**	**318**	**312**	**192**
Maine	332	357	388	406	416	114	91	83	75	19	16	19
N.H	260	293	337	361	377	116	83	57	68	14	19	21
Vt	148	162	178	191	197	51	41	36	43	90	8	10
Mass	2,262	2,272	2,405	2,527	2,599	670	567	420	596	120	148	77
R.I	344	349	382	396	400	132	81	60	79	14	21	14
Conn	1,198	1,223	1,282	1,346	1,401	435	297	182	275	61	100	51
Mid. Atl	**14,114**	**13,965**	**14,259**	**14,731**	**15,038**	**3,689**	**3,146**	**2,559**	**3,169**	**896**	**990**	**528**
N.Y	7,156	6,829	6,858	7,045	7,175	1,499	1,476	1,315	1,635	434	603	207
N.J	2,608	2,700	2,835	2,961	3,032	800	680	521	572	189	152	115
Pa	4,352	4,436	4,565	4,725	4,831	1,390	990	723	962	273	235	206
E. No. Cent	(NA)	(NA)	(NA)	**16,886**	**17,211**	**5,135**	**3,826**	**2,701**	**3,048**	**883**	**834**	**696**
Ohio	3,881	4,016	4,230	4,395	4,495	1,380	982	674	811	234	200	184
Ind	1,849	1,942	2,114	2,206	2,260	741	500	354	333	111	101	109
Ill	4,346	4,419	4,656	4,789	4,865	1,270	1,141	745	919	287	289	182
Mich	(NA)	(NA)	(NA)	3,609	3,628	1,151	757	623	631	159	153	140
Wis	1,530	1,677	1,799	1,887	1,965	593	446	305	354	92	91	81
W. No. Cent	**5,368**	**5,986**	**6,451**	**6,755**	**6,960**	**1,442**	**1,730**	**1,267**	**1,313**	**442**	**366**	**349**
Minn	1,315	1,474	1,597	1,689	1,771	383	444	294	356	100	92	84
Iowa	883	999	1,079	1,119	1,128	258	286	206	203	58	57	58
Mo	1,668	1,741	1,862	1,953	2,003	460	475	339	378	142	108	92
N. Dak	164	204	221	234	244	17	68	61	48	16	11	18
S. Dak	175	209	227	237	240	27	67	58	49	14	11	12
Nebr	484	558	594	610	627	99	164	127	114	46	41	34
Kans	679	801	871	913	947	198	226	182	165	66	46	51
So. Atl	**10,504**	**12,106**	**13,010**	**13,752**	**14,287**	**3,058**	**3,174**	**2,975**	**2,577**	**798**	**741**	**852**
Del	217	230	239	248	256	70	56	45	46	13	12	15
Md	1,349	1,479	1,539	1,594	1,620	246	383	380	331	87	89	104
D.C	567	577	578	600	618	15	65	289	173	26	34	15
Va	1,519	1,779	1,931	2,034	2,098	413	440	494	375	114	103	135
W. Va	517	575	612	630	646	126	133	120	95	44	22	41
N.C	1,783	1,981	2,170	2,277	2,377	824	483	396	334	115	94	126
S.C	842	983	1,082	1,138	1,178	399	223	228	153	53	47	73
Ga	1,558	1,756	1,926	2,050	2,114	527	494	418	327	136	107	98
Fla	2,152	2,746	2,933	3,181	3,380	438	897	605	743	210	233	245
E. So. Cent	**3,833**	**4,417**	**4,831**	**5,098**	**5,232**	**1,434**	**1,097**	**1,028**	**807**	**270**	**218**	**282**
Ky	910	1,064	1,148	1,210	1,245	295	269	230	204	70	50	70
Tenn	1,328	1,506	1,648	1,737	1,785	529	389	314	287	87	77	90
Ala	1,011	1,155	1,269	1,337	1,363	375	276	292	198	72	58	75
Miss	584	692	766	814	839	235	163	192	118	41	33	47
W. So. Cent	**5,958**	**7,237**	**7,940**	**8,505**	**8,940**	**1,636**	**2,151**	**1,615**	**1,506**	**576**	**474**	**646**
Ark	536	624	696	733	750	217	163	139	110	44	31	41
La	1,034	1,250	1,365	1,464	1,498	213	355	291	251	115	74	125
Okla	763	900	972	1,036	1,089	183	258	226	184	65	54	60
Tex	3,625	4,463	4,907	5,272	5,603	1,023	1,375	959	961	352	315	420
Mt	**2,667**	**3,423**	**3,816**	**4,162**	**4,412**	**560**	**1,051**	**914**	**921**	**269**	**237**	**317**
Mont	199	238	265	280	285	27	75	70	55	23	13	15
Idaho	208	273	307	331	337	59	83	70	60	20	23	19
Wyo	108	146	171	187	203	10	45	40	29	17	7	22
Colo	750	964	1,058	1,150	1,217	180	299	236	241	76	75	80
N. Mex	293	370	415	444	462	35	105	121	89	28	21	36
Ariz	547	729	809	895	971	142	234	198	190	48	55	83
Utah	359	440	484	525	554	87	133	124	97	34	26	35
Nev	203	263	308	350	383	20	77	55	160	23	17	27
Pac	**9,123**	**10,409**	**11,424**	**12,233**	**12,830**	**2,571**	**2,994**	**2,387**	**2,668**	**727**	**790**	**649**
Wash	1,079	1,219	1,367	1,486	1,576	306	382	317	290	88	90	102
Oreg	711	837	937	1,009	1,051	227	257	199	184	60	69	53
Calif	6,946	7,848	8,598	9,197	9,638	2,001	2,220	1,729	2,066	532	592	461
Alaska	93	162	163	164	168	13	30	55	30	17	9	10
Hawaii	294	343	359	377	397	24	105	87	98	30	30	23

NA Not available. [1] Includes mining, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly. Compiled from data supplied by cooperating State agencies.

No. 692. Nonagricultural Industries—Number of Employees, 1970 to 1979, and Number and Earnings of Production Workers, 1975 to 1979

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 689. See *Historical Statistics, Colonial Times to 1970,* series D 127–151, D 802–810, and D 877–892, for related data]

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1978	1979	1975	1978	1979	1975	1978	1979
Total	**70,880**	**76,945**	**86,446**	**89,482**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private sector [1]	**58,325**	**62,259**	**70,970**	**73,870**	**50,991**	**58,109**	**60,358**	**4.53**	**5.69**	**6.16**
Mining	**623**	**752**	**851**	**957**	**571**	**638**	**718**	**5.95**	**7.67**	**8.48**
Metal mining	93	94	93	98	73	72	75	6.13	8.23	9.27
Coal mining	145	213	209	259	182	172	216	[2] 7.22	9.48	10.23
Oil and gas extraction	270	329	430	476	223	299	328	5.38	7.01	7.73
Nonmetallic minerals, except fuels	115	117	119	125	92	95	99	4.95	6.33	6.89
Construction	**3,588**	**3,525**	**4,271**	**4,644**	**2,808**	**3,388**	**3,710**	**7.31**	**8.65**	**9.26**
General building contractors	1,066	1,012	1,241	1,318	799	964	1,022	6.78	8.00	8.62
Heavy construction contractors	784	760	851	898	615	688	744	6.81	8.09	8.63
Special trade contractors	1,738	1,753	2,179	2,428	1,394	1,736	1,943	7.87	9.26	9.86
Manufacturing	**19,367**	**18,323**	**20,476**	**20,972**	**13,043**	**14,714**	**15,010**	**4.83**	**6.17**	**6.69**
Durable goods	**11,208**	**10,688**	**12,246**	**12,690**	**7,557**	**8,786**	**9,053**	**5.15**	**6.58**	**7.12**
Lumber and wood products, except furniture [3]	646	615	752	758	517	645	646	4.26	5.60	6.08
Logging camps and logging contr.	70	74	85	90	59	70	75	5.28	7.26	8.06
Sawmills and planing mills	215	202	231	231	180	206	207	4.34	5.82	6.29
Millwork, plywood, and structural members	(NA)	166	223	225	137	189	189	4.26	5.56	5.98
Wooden containers	(NA)	39	43	44	34	38	38	3.37	4.11	4.48
Furniture and fixtures [3]	440	417	491	487	337	404	398	3.78	4.68	5.06
Household furniture	(NA)	284	330	323	238	281	273	3.54	4.39	4.76
Office furniture	39	37	47	47	28	38	38	4.16	5.16	5.43
Partitions and fixtures	52	51	62	65	38	47	49	4.62	5.58	6.15
Stone, clay, and glass products [3]	644	629	698	711	499	555	561	4.92	6.32	6.84
Flat glass	24	18	20	20	14	16	16	6.08	7.96	8.61
Glass and glassware, pressed [4]	132	127	136	132	108	117	113	4.99	6.60	7.14
Cement, hydraulic	33	31	32	33	24	26	27	6.36	8.63	9.58
Structural clay products	58	48	51	50	39	40	39	4.01	5.10	5.54
Pottery and related products	44	43	46	46	36	39	39	4.13	5.20	5.62
Concrete, gypsum, and plaster prod.	189	190	211	218	148	165	170	4.99	6.29	6.82
Primary metal industries [3]	1,260	1,139	1,213	1,244	887	953	978	6.18	8.20	8.97
Blast furnace and basic steel prod.	627	548	560	567	428	441	448	6.94	9.40	10.42
Iron and steel foundries	229	230	236	238	190	193	194	5.45	7.25	7.72
Primary nonferrous metals	72	66	70	72	51	55	56	6.24	8.56	9.50
Nonferrous rolling and drawing	213	181	209	219	129	152	161	5.54	7.23	7.92
Nonferrous foundries	83	76	93	98	62	77	81	4.93	6.20	6.66
Fabricated metal products [3]	1,560	1,458	1,673	1,727	1,090	1,271	1,306	5.05	6.34	6.82
Metal cans and shipping containers	91	79	79	78	67	66	66	6.26	8.04	8.91
Cutlery, hand tools, and hardware	150	153	183	185	116	143	144	4.76	6.07	6.53
Plumbing and heating, exc. electric	(NA)	61	74	76	43	55	57	4.50	5.55	6.03
Fabricated structural metal prod	428	455	504	521	322	357	367	4.99	6.04	6.60
Screw machine products, bolts, etc.	104	93	110	120	72	86	95	4.80	5.99	6.44
Metal forgings and stampings	(NA)	249	304	304	198	246	244	5.65	7.38	7.81
Machinery, except electrical [3]	1,984	2,057	2,319	2,463	1,339	1,524	1,616	5.37	6.77	7.33
Engines and turbines	111	120	135	139	76	88	91	6.03	8.01	8.74
Farm and garden machinery	(NA)	161	163	174	114	113	123	5.92	7.35	8.01
Construction and related machinery	275	342	376	396	230	251	263	5.62	7.27	7.82
Metalworking machinery	318	307	347	368	222	253	268	5.49	7.02	7.58
Special industry machinery	197	184	198	208	117	124	131	5.03	6.43	6.96
General industrial machinery	286	290	312	327	192	209	217	5.40	6.74	7.32
Office and computing machines	288	286	346	383	122	157	175	4.82	5.60	6.05
Refrigeration and service industry	149	144	184	187	97	130	132	4.91	6.14	6.62
Electric and electronic equipment [3]	1,871	1,702	2,000	2,109	1,091	1,312	1,379	4.64	5.82	6.31
Electric distributing equipment	143	114	122	122	79	88	87	4.84	5.91	6.33
Electrical industrial apparatus	217	212	247	259	148	178	186	4.69	5.92	6.45
Household appliances	184	161	184	177	124	145	139	4.60	5.78	6.38
Electric lighting and wiring equip.	197	181	218	228	136	165	173	4.35	5.45	5.84
Radio and TV receiving equipment	132	112	117	112	80	87	83	4.20	5.33	5.92
Communication equipment	524	457	493	530	221	241	263	5.25	6.67	7.29
Electronic components and access.	367	338	455	515	207	286	324	3.01	4.90	5.35
Transportation equipment [3]	1,853	1,715	1,992	2,048	1,154	1,377	1,404	6.07	7.91	8.53
Motor vehicles and equipment	799	792	997	983	602	776	760	6.44	8.51	9.07
Aircraft and parts	664	514	526	605	271	274	329	6.00	7.54	8.23
Ship and boat building and repairs	172	194	223	215	160	180	172	5.23	6.56	7.21
Railroad equipment	51	57	63	71	44	47	55	6.02	8.02	9.02

See footnotes at end of table.

NO. 692. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1979, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1979—Continued

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1978	1979	1975	1978	1979	1975	1978	1979
Instruments and related products	527	550	654	690	332	401	421	4.53	5.71	6.17
Engineering and scientific inst	71	62	66	72	31	32	37	4.82	6.03	6.50
Measuring and controlling devices	171	170	216	228	103	137	146	4.43	5.77	6.21
Optical instruments and lenses	58	58	28	31	39	16	17	3.75	6.06	6.66
Ophthalmic goods			44	45		32	33		4.59	4.89
Medical instru. and supplies	83	109	137	147	74	92	97	4.02	4.92	5.29
Photographic equip. and supplies	113	121	133	138	61	68	69	5.70	7.25	7.90
Watches, clocks, and watchcases	31	30	30	29	24	23	22	3.69	4.44	4.75
Misc. manufacturing industries[3]	426	407	454	452	311	346	344	3.81	4.69	5.04
Jewelry, silverware, plated ware	51	52	64	60	38	47	44	4.00	4.78	5.15
Toys and sporting goods	118	116	122	121	90	93	92	3.48	4.33	4.61
Pens, pencils, office/art supplies	34	33	38	42	23	27	30	3.80	4.83	5.20
Costume jewelry and notions	61	57	64	61	46	51	49	3.29	4.05	4.31
Nondurable goods	**8,158**	**7,635**	**8,230**	**8,263**	**5,485**	**5,928**	**5,957**	**4.37**	**5.53**	**6.00**
Food and kindred products[3]	1,786	1,658	1,721	1,716	1,120	1,171	1,176	4.61	5.80	6.27
Meat products	343	336	354	362	274	292	300	4.80	5.94	6.39
Dairy products	241	194	184	183	99	97	97	4.60	5.80	6.30
Preserved fruits and vegetables	(NA)	242	252	245	200	205	200	4.00	5.04	5.40
Grain mill products	135	138	145	145	95	98	99	4.95	6.33	6.88
Bakery products	274	232	235	235	132	137	137	4.67	5.99	6.54
Sugar and confectionery products	120	107	111	109	82	85	83	4.45	5.61	6.07
Fats and oils	(NA)	41	42	40	29	30	29	4.82	6.07	6.56
Beverages	236	221	232	230	106	109	107	5.44	6.93	7.49
Tobacco manufactures	83	76	70	66	62	55	52	4.55	6.13	6.69
Cigarettes	44	44	44	44	36	34	34	5.55	7.38	7.90
Textile mill products[3]	975	868	900	892	752	784	777	3.42	4.30	4.66
Weaving mills, cotton	206	158	150	151	143	135	136	3.42	4.44	4.84
Weaving mills, synthetic	100	113	125	125	100	112	112	3.48	4.52	4.90
Weaving and finishing mills, wool	37	20	21	21	16	18	18	3.51	4.41	4.76
Narrow fabric mills	30	23	26	26	20	23	22	3.24	4.00	4.30
Knitting mills	250	225	236	231	193	205	200	3.29	3.98	4.34
Textile finishing, except wool	84	81	79	78	69	67	66	3.71	4.59	4.95
Floor covering mills	57	55	61	62	45	50	50	3.47	4.44	4.78
Yarn and thread mills	131	125	132	131	114	120	119	3.18	4.02	4.37
Apparel and other textile products[3]	1,364	1,243	1,333	1,313	1,067	1,145	1,122	3.17	3.94	4.24
Men's and boys' suits and coats	119	88	91	87	76	80	75	3.84	4.80	5.13
Men's and boys' furnishings	375	358	369	366	306	320	315	2.86	3.58	3.90
Women's and misses outerwear	424	404	439	439	352	379	377	3.23	3.92	4.21
Undergarments[5]	117	94	93	90	81	79	76	2.90	3.57	3.86
Children's outerwear	74	66	70	66	57	59	57	2.94	3.54	3.85
Misc. apparel, accessories	(NA)	58	60	57	50	52	49	3.09	3.79	4.11
Paper and allied products	706	642	701	714	480	527	542	5.01	6.52	7.12
Paper and pulp mills	219	197	198	200	150	149	150	5.54	7.44	8.26
Paperboard mills	71	61	69	71	48	54	57	5.74	7.68	8.39
Misc. converted paper products	190	191	220	226	134	157	167	4.57	5.82	6.31
Paperboard containers and boxes	225	194	214	217	148	166	168	4.59	5.88	6.35
Printing and publishing[3]	1,104	1,083	1,193	1,243	624	672	702	5.38	6.50	6.91
Newspapers	373	377	407	421	168	165	169	5.81	6.91	7.25
Periodicals	75	68	80	82	12	15	14	5.13	5.87	6.38
Books	101	98	100	103	48	50	53	4.64	5.69	6.13
Commercial printing	354	348	392	412	262	289	306	5.46	6.71	7.16
Blankbooks and bookbinding	58	55	61	65	45	50	54	4.10	4.99	5.31
Chemicals and allied products[3]	1,049	1,015	1,096	1,113	580	629	637	5.39	7.01	7.59
Industrial inorganic chemicals	(NA)	149	166	171	90	94	93	5.73	7.63	8.26
Plastics materials and synthetics	233	218	216	217	136	147	148	5.28	6.87	7.41
Drugs	149	167	186	191	84	90	94	5.18	6.42	6.94
Soap, cleaners, and toilet goods	127	122	136	138	73	83	84	5.15	6.69	7.18
Paints and allied products	70	62	69	70	38	36	36	5.01	6.34	6.78
Agricultural chemicals	(NA)	65	67	69	42	42	44	4.93	6.68	7.29
Petroleum and coal products[3]	191	194	209	214	123	136	140	6.48	8.63	9.37
Petroleum refining	154	153	165	169	93	104	106	6.93	9.32	10.08
Paving and roofing materials	(NA)	30	33	34	23	25	26	5.24	6.57	7.21
Rubber and misc. plastics products	580	608	752	768	465	589	601	4.39	5.52	5.96
Tires and inner tubes	116	124	127	124	90	93	89	5.63	7.82	8.58
Leather and leather products[3]	320	248	256	244	213	219	207	3.21	3.89	4.23
Leather tanning and finishing	27	22	23	20	19	19	17	4.28	5.12	5.55
Footwear except rubber	213	158	158	149	136	138	128	3.08	3.75	4.09
Handbags, personal leather goods	34	31	32	33	26	27	28	3.11	3.73	4.02

See footnotes at end of table.

NO. 692. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1979, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1979—Continued

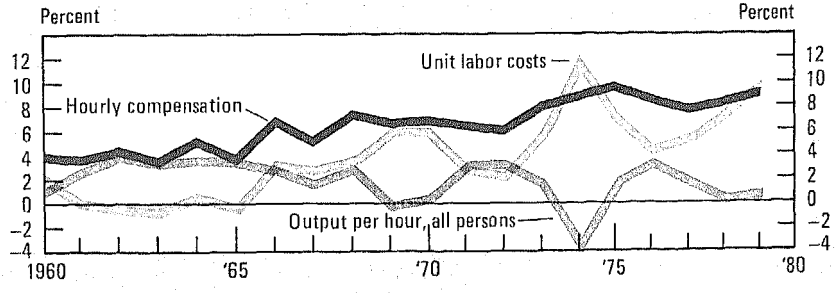
INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1978	1979	1975	1978	1979	1975	1978	1979
Transp. and public utilities [3]	**4,515**	**4,542**	**4,927**	**5,154**	**3,894**	**4,147**	**4,315**	**5.88**	**7.57**	**8.18**
Railroad transportation	634	548	536	546	(6)	(6)	(6)	(6)	(6)	(6)
Class I railroads [7]	566	498	490	503	(NA)	(NA)	(NA)	[8] 6.05	[8] 7.87	[8] 8.94
Local and interurban pass. transit	281	270	258	261	253	237	241	4.15	5.59	5.92
Trucking and warehousing	1,083	1,108	1,312	1,376	978	1,163	1,217	6.00	7.77	8.37
Air transportation	352	363	363	377	(6)	(6)	(6)	(6)	(6)	(6)
Pipelines except natural gas	18	18	20	19	13	14	14	6.89	8.81	9.52
Transportation services	115	134	169	186	(6)	(6)	(6)	(6)	(6)	(6)
Communication [3]	1,129	1,176	1,239	1,308	911	932	986	5.54	7.33	7.85
Telephone communication	942	967	993	1,045	740	739	770	5.61	7.50	8.07
Radio and television broadcasting	138	155	181	192	124	142	154	5.10	6.59	6.86
Electric, gas, and sanitary services [3]	691	731	777	809	613	636	659	6.03	7.65	8.23
Electric services	290	323	354	373	267	286	301	6.06	7.71	8.33
Gas production and distribution	161	162	164	169	135	134	138	5.50	7.71	8.33
Combination utility services	186	187	193	196	160	158	159	6.74	8.46	9.06
Sanitary services	(NA)	38	43	47	34	38	41	4.84	6.20	6.67
Wholesale and retail trade	**15,040**	**17,060**	**19,499**	**20,137**	**15,023**	**17,181**	**17,700**	**3.73**	**4.67**	**5.06**
Wholesale trade	3,993	4,415	4,957	5,170	3,637	4,087	4,248	4.73	5.88	6.39
Retail trade [3]	11,047	12,645	14,542	14,966	11,387	13,096	13,452	3.36	4.20	4.53
General merchandise stores	(NA)	2,113	2,304	2,265	1,944	2,148	2,111	3.21	4.05	4.37
Food stores	1,731	2,007	2,195	2,281	1,854	2,024	2,105	4.08	5.23	5.67
Apparel and accessory stores	761	806	905	936	705	784	807	3.03	3.72	4.02
Furniture and home furn. stores	472	517	594	614	436	494	508	3.99	4.80	5.18
Eating and drinking places	2,575	3,380	4,258	4,535	3,147	3,929	4,170	2.55	3.21	3.45
Finance, insurance, real estate	**3,645**	**4,165**	**4,727**	**4,963**	**3,173**	**3,596**	**3,772**	**4.06**	**4.90**	**5.28**
Banking	1,044	1,274	1,422	1,489	1,009	1,111	1,153	3.52	4.21	4.52
Credit agencies other than banks	360	432	515	549	329	396	421	3.71	4.43	4.69
Security, commod. brokers, services	205	170	190	205	(6)	(6)	(6)	(6)	(6)	(6)
Insurance carriers	1,030	1,085	1,177	1,213	751	820	849	4.35	5.23	5.66
Insurance agents, brokers, services	288	339	404	431	(6)	(6)	(6)	(6)	(6)	(6)
Real estate	661	748	890	940	(6)	(6)	(6)	(6)	(6)	(6)
Other finance, insurance, real estate	57	117	129	136	(6)	(6)	(6)	(6)	(6)	(6)
Services [3]	**11,548**	**13,892**	**16,220**	**17,043**	**12,479**	**14,445**	**15,133**	**4.02**	**4.99**	**5.36**
Hotels and other lodging places	(NA)	898	971	1,034	830	891	950	2.79	3.62	3.97
Personal services	989	861	904	898	769	808	803	3.19	3.91	4.23
Business services	1,676	2,042	2,614	2,830	1,778	2,273	2,461	4.16	5.10	5.47
Motion pictures	204	206	210	213	181	185	190	4.26	6.52	7.31
Health services	3,053	4,134	4,808	5,041	3,725	4,289	4,489	3.81	4.77	5.17
Government	**12,554**	**14,686**	**15,476**	**15,612**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Federal Government	2,731	2,748	2,753	2,773	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local government	9,823	11,937	12,723	12,839	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Excludes government. [2] 11-month average. [3] Includes industries not shown separately. [4] Includes blown. [5] Women's and children's. [6] Included in "Private sector" total; not available separately. [7] For changes in "Class I" classification, see text, p. 636. [8] Includes all employees except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

Figure 13.3

Compensation, Productivity, and Unit Labor Costs — Annual Rates of Change in Total Private Economy: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 693.

NO. 693. INDEXES AND ANNUAL PERCENT CHANGE OF PRODUCTIVITY AND RELATED MEASURES: 1960 TO 1979

[1979 preliminary. See text, p. 392. Minus sign (−) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
INDEXES (1967=100)										
Output,[1] private business	73.2	92.9	107.3	124.4	121.4	118.7	126.4	133.8	140.7	144.1
Nonfarm business	72.2	92.6	107.4	124.9	121.8	118.8	126.9	134.3	141.5	144.9
Manufacturing	67.7	92.6	102.6	123.2	114.9	109.1	119.5	128.2	134.5	139.8
Hours,[2] private business	92.9	97.8	103.0	109.6	110.3	105.6	108.7	112.8	118.1	121.9
Nonfarm business	89.3	96.5	104.2	111.5	112.3	107.4	111.0	115.6	121.1	125.4
Manufacturing	85.8	94.2	98.1	103.7	102.0	92.3	96.8	100.8	105.1	107.4
Output per paid hour, private business	78.7	95.0	104.2	113.6	110.1	112.4	116.4	118.6	119.2	118.1
Nonfarm business	80.9	95.9	103.0	112.0	108.5	110.5	114.4	116.2	116.8	115.5
Manufacturing	78.9	98.3	104.5	118.8	112.6	118.2	123.4	127.2	128.0	130.2
Compensation per hour,[3] private business	71.9	88.7	123.1	151.2	164.9	181.3	197.2	213.0	231.2	252.8
Nonfarm business	74.2	89.4	121.7	149.2	162.8	178.9	193.8	209.3	227.3	247.6
Manufacturing	77.1	91.0	121.8	146.4	161.1	180.2	195.1	212.0	229.5	250.5
Unit labor cost,[4] private business	91.3	93.3	118.2	133.1	149.8	161.3	169.4	179.6	194.0	214.0
Nonfarm business	91.7	93.2	118.1	133.2	150.0	161.8	169.4	180.1	194.5	214.3
Manufacturing	97.7	92.6	116.5	123.2	143.1	152.4	158.2	166.6	179.4	192.4
ANNUAL PERCENT CHANGE[5]										
Output,[1] private business	1.8	7.0	−.9	5.9	−2.4	−2.3	6.5	5.8	5.2	2.4
Nonfarm business	1.6	7.1	−1.1	6.0	−2.5	−2.5	6.9	5.8	5.4	2.4
Hours,[2] private business	.2	3.1	−1.6	3.9	.7	−4.3	2.9	3.9	4.7	3.3
Nonfarm business	.6	3.6	−1.2	4.2	.7	−4.3	3.3	4.1	4.8	3.5
Output per paid hour, private business	1.6	3.8	.7	1.9	−3.0	2.1	3.5	1.9	.5	−.9
Nonfarm business	1.0	3.4	.1	1.7	−3.1	1.9	3.5	1.6	.5	−1.1
Compensation per hour,[3] pvt. business	4.2	4.0	7.1	8.2	9.1	9.9	8.8	8.0	8.5	9.3
Nonfarm business	4.4	3.5	6.7	7.8	9.1	9.9	8.3	8.0	8.6	8.9
Unit labor cost,[4] private business	2.6	.2	6.4	6.2	12.5	7.7	5.0	6.0	8.0	10.3
Nonfarm business	3.4	.1	6.5	6.0	12.7	7.9	4.7	6.3	8.0	10.2

[1] Refers to gross domestic product originating in the sector, in 1972 prices. [2] Hours of all persons engaged in the private business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing; and employees' hours in nonfinancial corporations, where there are no self-employed. [3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. [4] Hourly compensation divided by output per paid hour. [5] Changes for 1960, 1965, 1970, and 1973 are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

NO. 694. INDEXES OF OUTPUT PER EMPLOYEE-YEAR FOR THE MEASURED PORTION OF THE FEDERAL CIVILIAN GOVERNMENT: 1968 TO 1978

[1967=100, except as indicated. Fiscal years. See text, p. 392]

FUNCTIONAL GROUPINGS	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	**101.1**	**103.5**	**104.0**	**105.6**	**106.3**	**109.3**	**108.7**	**110.3**	**112.2**	**115.5**	**117.4**
Audit of operations	105.7	114.9	115.2	100.8	106.3	113.8	120.8	126.5	125.8	127.6	141.5
Building and ground maintenance	98.5	99.2	97.3	96.2	99.6	97.0	102.0	115.6	118.6	126.0	127.4
Communications[1]	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.7	117.9	125.9	142.9	162.0
Education and training[2]	100.0	100.1	91.1	91.8	94.9	92.7	91.3	88.5	96.7	109.3	111.6
Electric power production, distribution	109.1	118.7	127.9	123.7	131.3	139.6	127.0	124.5	119.8	115.1	103.6
Equipment maintenance[2]	100.0	104.2	102.5	110.1	108.9	103.1	105.5	106.0	106.5	104.8	109.1
Finance and accounting	102.6	103.6	106.9	108.4	106.6	105.3	109.0	118.3	126.1	127.7	130.1
General support services	109.8	110.8	123.2	127.7	144.2	150.7	154.8	139.4	143.9	152.8	155.2
Information services	102.7	106.0	104.2	104.7	107.2	99.8	102.8	108.1	105.5	104.5	105.3
Legal, judicial activities	99.1	101.5	106.5	114.1	116.1	113.0	104.3	105.5	103.4	99.1	95.3
Library services	105.1	113.5	114.1	115.9	116.6	122.8	131.7	147.8	164.1	177.0	167.8
Loans and grants	105.6	110.0	122.1	135.3	133.8	135.6	138.0	143.6	151.1	157.7	157.0
Medical services	101.9	102.2	101.4	100.7	95.4	98.5	98.3	100.1	101.7	101.6	98.9
Military base services	104.3	104.6	101.5	93.5	94.5	89.4	90.5	95.6	99.8	99.9	100.6
Natural resources management[3]	101.2	100.5	101.4	107.7	110.1	112.1	110.8	109.2	110.1	110.8	117.3
Personnel investigations	108.7	101.6	100.1	113.0	113.8	117.9	121.6	128.7	122.6	146.9	151.7
Personnel management	106.9	101.3	104.2	118.8	118.0	116.1	124.1	118.4	115.7	124.3	120.0
Postal service	98.3	98.9	99.4	101.6	102.7	108.7	105.9	105.7	106.1	110.7	115.6
Printing and duplication	99.0	95.6	95.1	87.8	86.3	88.4	85.3	84.4	86.0	85.7	86.4
Procurement	96.7	95.2	86.1	95.1	95.5	98.7	105.0	107.9	111.8	112.5	118.0
Records management	98.0	107.3	105.2	101.8	113.1	111.8	109.1	118.2	127.9	136.0	141.5
Regulation—compliance, enforcement	102.9	106.1	109.1	111.0	114.8	117.1	118.9	117.8	121.4	123.9	123.4
Regulation—rulemaking, licensing	104.2	109.0	114.6	120.2	121.1	125.2	122.5	122.4	123.6	130.9	143.6
Social services and benefits	100.4	103.7	108.1	114.4	116.4	121.5	119.4	122.7	127.9	133.0	132.1
Specialized manufacturing	108.6	111.2	118.1	130.4	123.1	120.9	120.2	119.2	124.7	127.5	135.8
Supply and inventory control	103.2	118.3	110.9	112.1	112.6	113.3	113.4	123.1	125.1	130.6	126.1
Traffic management[4]	(NA)	(NA)	(NA)	(NA)	100.0	99.6	92.3	99.0	96.5	102.8	108.8
Transportation	110.4	115.2	117.7	113.3	118.0	123.9	125.5	127.7	130.1	137.5	142.2

NA Not available. [1] 1973=100 [2] 1968=100 [3] Includes environment. [4] 1972=100.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

No. 695. Indexes of Output per Hour—Selected Industries: 1965 to 1978

[1967=100. See text, p. 392. See also *Historical Statistics, Colonial Times to 1970,* series W 14, 17, and 19, W 30-54, and W 62-65]

Industry	All employees						Production workers					
	1965	1970	1975	1976	1977	1978, prel.	1965	1970	1975	1976	1977	1978, prel.
Manufacturing:												
Aluminum rolling and drawing	100.5	109.6	142.5	166.0	163.7	166.2	100.0	114.4	152.4	168.9	164.5	166.9
Bakery products	93.5	105.7	112.7	112.8	120.4	125.5	95.1	105.1	119.6	118.5	127.0	132.1
Bottled and canned soft drinks	101.8	105.2	129.6	139.7	147.7	155.3	104.1	113.0	146.1	158.0	168.8	178.4
Candy and confectionery prod	93.4	104.4	136.0	126.9	144.7	143.8	93.7	107.0	147.2	134.9	150.6	148.6
Canned fruits and vegetables	95.4	108.2	124.9	132.7	130.4	(NA)	96.5	109.9	127.1	135.6	134.7	(NA)
Cement, hydraulic	95.2	110.3	110.6	120.7	131.6	130.6	94.7	111.3	111.6	122.0	132.1	130.2
Concrete products	90.5	104.4	113.3	116.3	120.9	(NA)	92.1	105.3	118.6	120.3	126.0	(NA)
Copper rolling and drawing	111.4	98.6	94.7	105.4	120.7	118.8	108.9	101.4	102.6	108.3	123.4	119.5
Corrugated, solid fiber boxes	92.8	111.8	142.2	148.0	144.2	150.2	92.7	112.8	151.8	154.9	151.4	156.1
Electric lamps	101.5	101.0	113.3	119.7	116.3	119.6	101.5	100.7	114.8	120.5	117.2	120.2
Fluid milk	94.3	117.1	150.3	156.1	156.2	163.3	(x)	(x)	(x)	(x)	(x)	(x)
Folding paperboard boxes	90.7	95.5	119.9	124.4	118.0	113.8	90.1	95.3	122.8	126.1	119.0	113.8
Footwear	101.4	103.9	104.8	105.5	104.5	103.6	101.2	105.3	107.6	108.1	107.1	105.8
Glass containers	97.6	106.1	120.9	121.2	124.0	128.2	97.7	106.8	122.5	121.9	125.3	131.6
Grain mill products	90.3	109.2	125.5	131.0	143.7	(NA)	90.6	108.3	124.7	131.5	145.0	(NA)
Gray iron foundries	104.9	105.8	126.7	125.6	129.8	130.4	103.9	107.4	130.9	129.7	133.6	134.0
Hosiery	80.9	128.1	191.6	219.5	208.9	217.9	80.1	129.8	197.5	223.8	210.7	217.9
Household furniture	97.9	104.2	123.6	126.4	127.0	128.6	97.9	106.4	127.3	129.3	129.6	131.2
Lighting fixtures	97.4	105.4	119.1	128.3	128.9	(NA)	95.4	109.3	125.7	131.4	134.1	(NA)
Major household appliances	94.2	106.3	140.7	145.2	150.4	154.6	94.3	107.3	145.2	149.5	150.7	154.1
Malt beverages	89.0	119.6	175.3	192.9	199.6	216.3	88.7	119.4	169.4	186.7	189.3	205.2
Metal cans	94.1	105.4	116.0	124.8	131.0	135.1	95.6	106.7	121.0	129.5	135.6	140.6
Motor vehicles and equipment	99.0	101.8	127.1	136.0	144.7	142.3	96.0	103.0	128.1	134.4	142.4	139.8
Motors and generators	101.4	100.8	106.7	109.9	114.0	(NA)	101.8	102.8	110.3	108.3	114.1	(NA)
Paints and allied products	99.6	101.7	129.1	133.2	137.0	137.2	98.8	100.8	137.5	138.9	139.8	140.7
Paper, paperboard, pulp mills	96.9	114.6	128.0	140.2	144.0	148.4	96.4	114.7	132.8	143.8	148.1	153.9
Petroleum refining	90.5	104.8	123.7	128.3	136.2	132.8	89.9	106.6	126.9	130.4	139.5	134.0
Pharmaceuticals	90.9	116.2	145.4	155.4	151.3	156.1	90.7	118.0	160.5	168.0	164.0	176.3
Primary aluminum	97.5	104.9	105.8	110.8	109.5	106.1	97.0	106.2	112.8	114.0	111.2	106.4
Primary copper, lead, and zinc	120.2	116.7	126.4	142.7	148.6	138.8	113.1	111.4	129.0	143.7	149.3	135.8
Radio and TV receiving sets	95.5	106.2	125.7	137.3	136.3	(NA)	94.3	115.6	137.7	151.6	148.1	(NA)
Ready-mixed concrete	95.1	96.0	102.7	104.0	105.1	(NA)	(x)	(x)	(x)	(x)	(x)	(x)
Sawmills and planing mills, general	91.7	100.9	112.7	118.2	116.4	117.7	92.8	103.4	115.4	120.9	119.8	120.6
Soaps and detergents	88.1	105.7	123.3	127.0	126.2	(NA)	87.0	110.4	129.0	135.0	135.6	(NA)
Steel	101.1	101.3	107.6	114.5	115.6	120.7	98.7	102.9	111.8	117.8	119.6	122.8
Steel foundries	100.5	96.2	113.6	111.5	106.3	110.5	98.4	97.9	116.4	116.5	111.8	116.1
Structural clay products	97.4	112.8	132.0	138.3	146.4	151.3	95.9	117.7	136.5	142.8	149.0	155.4
Sugar	96.5	111.6	108.1	111.4	116.9	112.0	95.6	110.3	111.0	114.0	122.6	119.6
Synthetic fibers	92.8	119.5	187.2	193.4	224.4	230.7	91.9	119.1	192.0	203.6	225.1	221.2
Tires and inner tubes	98.2	105.9	115.7	127.6	129.6	130.5	96.7	107.8	119.5	134.6	128.9	131.9
Tobacco products	100.2	104.3	114.2	119.3	122.4	126.7	99.5	104.4	119.0	124.3	129.3	135.7
Veneer and plywood	91.8	119.4	142.2	142.4	144.2	142.0	90.8	121.4	147.9	145.2	146.7	145.3
Mining: [1] **Coal**	91.4	97.7	68.5	67.7	68.7	70.5	93.1	98.1	72.7	71.4	69.5	75.5
Copper (crude ore)	109.3	128.9	116.9	134.2	134.3	154.0	96.2	115.3	122.2	140.5	145.4	160.5
Copper (recoverable metal)	113.8	117.6	87.4	105.7	108.1	121.6	100.1	105.2	91.3	110.6	117.1	126.7
Iron (crude ore)	93.3	113.8	127.9	128.1	114.6	134.5	94.5	115.6	129.7	130.6	126.0	134.4
Iron (usable ore)	91.0	110.5	116.9	114.6	100.5	115.9	92.2	112.3	118.6	116.8	110.5	115.7
Nonmetallic minerals	96.3	115.7	113.9	121.0	126.7	127.5	93.7	116.0	120.7	126.4	130.7	130.4
Transportation, utilities, and trade:												
Air transportation [1]	83.5	109.6	134.6	146.7	153.6	167.9	(x)	(x)	(x)	(x)	(x)	(x)
Eating and drinking places [2]	95.6	103.8	102.9	102.2	101.1	96.8	(x)	(x)	(x)	(x)	(x)	(x)
Franchised new car dealers	97.8	106.4	120.5	126.9	131.2	128.6	(x)	(x)	(x)	(x)	(x)	(x)
Gas and electric utilities [3]	89.2	117.4	131.9	135.8	137.8	135.6	88.5	118.0	136.2	141.3	144.6	143.8
Gasoline service stations [2]	93.7	122.7	138.4	153.2	164.0	170.6	(x)	(x)	(x)	(x)	(x)	(x)
Hotels, motels, tourist courts [2]	93.0	102.5	101.9	106.9	106.1	110.6	(x)	(x)	(x)	(x)	(x)	(x)
Intercity trucking [1]	98.6	106.8	114.1	128.2	127.9	127.6	(x)	(x)	(x)	(x)	(x)	(x)
Laundry and cleaning services [2]	87.3	99.5	103.0	104.5	108.0	109.0	(x)	(x)	(x)	(x)	(x)	(x)
Petroleum pipelines	79.4	122.6	147.4	146.6	154.0	(NA)	79.2	128.7	161.9	164.1	174.8	(NA)
Railroad transport (car miles) [4]	92.5	104.7	115.5	117.5	117.5	125.8	92.6	105.1	117.7	119.3	119.2	128.1
RR transport (revenue traffic) [4]	90.1	107.6	123.9	131.9	138.4	155.3	90.2	108.0	126.3	133.9	140.4	158.1
Retail food stores [2]	93.8	112.0	105.0	107.7	107.8	103.5	(x)	(x)	(x)	(x)	(x)	(x)
Telephone communications	89.1	109.2	149.6	165.8	175.9	187.5	(x)	(x)	(x)	(x)	(x)	(x)

NA Not available. X Not applicable. [1] Refers to output per employee. [2] Data relate to all persons (paid employees, unpaid family workers, and the self-employed). [3] Production workers refers to nonsupervisory workers. [4] Class I line-haul railroads and switching and terminal companies.

Source: U.S. Bureau of Labor Statistics, *Productivity Indexes for Selected Industries,* 1979 edition.

NO. 696. EMPLOYED PERSONS, BY MAJOR OCCUPATION GROUP AND SEX: 1960 TO 1979

[**Civilians 16 years old and over.** Annual averages of monthly figures. Beginning 1975, not strictly comparable with prior years due to reclassification of occupations. White collar *managers* and administrators exclude persons on farms. For details, see text, p. 392. See *Historical Statistics, Colonial Times to 1970*, series D 182-232, for related but not comparable data]

OCCUPATION GROUP AND SEX	TOTAL EMPLOYED (1,000)						PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1978	1979	1960	1970	1979
Total	**65,778**	**71,088**	**78,627**	**84,783**	**94,373**	**96,945**	**100.0**	**100.0**	**100.0**
White-collar workers	28,522	31,852	37,997	42,227	47,205	49,342	43.4	48.3	50.9
Professional and technical	7,469	8,872	11,140	12,748	14,245	15,050	11.4	14.2	15.5
Managers and administrators	7,067	7,340	8,289	8,891	10,105	10,516	10.7	10.5	10.8
Salesworkers	4,224	4,499	4,854	5,460	5,951	6,163	6.4	6.2	6.4
Clerical workers	9,762	11,141	13,714	15,128	16,904	17,613	14.8	17.4	18.2
Blue-collar workers	24,057	26,247	27,791	27,962	31,531	32,066	36.6	35.3	33.1
Craft and kindred workers	8,554	9,216	10,158	10,972	12,386	12,880	13.0	12.9	13.3
Operatives, exc. transport	11,950	13,345	13,909	9,637	10,875	10,909	18.2	17.7	11.3
Transport equip. operatives				3,219	3,541	3,612			3.7
Nonfarm laborers	3,553	3,686	3,724	4,134	4,729	4,665	5.4	4.7	4.8
Service workers	8,023	8,936	9,712	11,657	12,839	12,834	12.2	12.4	13.3
Farmworkers	5,176	4,053	3,126	2,936	2,798	2,703	7.9	4.0	2.8
Male	**43,904**	**46,340**	**48,960**	**51,230**	**55,491**	**56,499**	**100.0**	**100.0**	**100.0**
White-collar workers	16,423	17,746	20,054	21,134	22,633	23,306	37.4	41.0	41.3
Professional and technical	4,766	5,596	6,842	7,481	8,163	8,531	10.9	14.0	15.1
Managers and administrators	5,968	6,230	6,968	7,162	7,744	7,931	13.6	14.2	14.0
Salesworkers	2,544	2,641	2,763	3,137	3,285	3,384	5.8	5.6	6.0
Clerical workers	3,145	3,279	3,481	3,355	3,442	3,461	7.2	7.1	6.1
Blue-collar workers	20,420	22,107	23,020	23,220	25,765	26,154	46.5	47.0	46.3
Craft and kindred workers	8,332	8,947	9,826	10,472	11,689	12,143	19.0	20.1	21.5
Operatives, exc. transport	8,617	9,581	9,605	5,934	6,554	6,556	19.6	19.6	11.6
Transport equip. operatives				3,037	3,284	3,318			5.9
Nonfarm laborers	3,471	3,579	3,589	3,777	4,238	4,137	7.9	7.3	7.3
Service workers	2,844	3,194	3,285	4,400	4,804	4,823	6.5	6.7	8.5
Farmworkers	4,219	3,295	2,601	2,476	2,289	2,216	9.6	5.3	3.9
Female	**21,874**	**24,748**	**29,667**	**33,553**	**38,881**	**40,446**	**100.0**	**100.0**	**100.0**
White-collar workers	12,099	14,106	17,943	21,092	24,572	26,037	55.3	60.5	64.4
Professional and technical	2,703	3,276	4,298	5,267	6,082	6,519	12.4	14.5	16.1
Managers and administrators	1,099	1,110	1,321	1,729	2,361	2,586	5.0	4.5	6.4
Salesworkers	1,680	1,858	2,091	2,324	2,666	2,779	7.7	7.0	6.9
Clerical workers	6,617	7,862	10,233	11,772	13,463	14,152	30.3	34.5	35.0
Blue-collar workers	3,637	4,140	4,771	4,742	5,766	5,911	16.6	16.1	14.6
Craft and kindred workers	222	269	332	500	697	737	1.0	1.1	1.8
Operatives, exc. transport	3,333	3,764	4,303	3,703	4,321	4,353	15.2	14.5	10.8
Transport equip. operatives				182	257	294			.7
Nonfarm laborers	82	107	136	357	491	527	.4	.5	1.3
Service workers	5,179	5,742	6,427	7,258	8,035	8,011	23.7	21.7	19.8
Farmworkers	957	758	525	460	509	487	4.4	1.8	1.2

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 697. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1979

[**Civilians 16 years old and over.** See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

OCCUPATION	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other [1]		Female	Black and other [1]
Total	**81,702**	**38.0**	**10.6**	**96,945**	**41.7**	**11.3**
Professional, technical, and kindred workers [2]	**11,459**	**39.3**	**7.2**	**15,050**	**43.3**	**8.9**
Accountants	714	21.7	4.3	1,045	32.9	8.4
Computer specialists	273	16.8	5.5	534	26.0	7.9
Engineers [2]	1,102	.8	3.4	1,385	2.9	6.3
Civil	154	.6	5.2	162	2.5	7.4
Electrical and electronic	267	.7	5.2	356	2.2	7.3
Industrial	170	2.4	2.4	245	7.3	6.5
Mechanical	191	–	3.1	237	1.3	5.1
Lawyers and judges	320	3.8	1.9	499	12.4	2.6
Librarians, archivists, and curators	158	81.6	7.0	201	78.1	8.5
Life and physical scientists	230	10.0	7.8	280	18.9	8.2
Chemists	119	10.1	8.4	125	15.2	11.2
Personnel and labor relations workers	310	31.0	9.0	413	45.5	10.2
Physicians, dentists, and related practitioners [2]	624	9.3	6.3	787	11.9	7.9
Dentists	107	1.9	5.6	131	4.6	4.6
Pharmacists	126	12.7	3.2	135	24.4	9.6
Physicians, medical and osteopathic	328	10.1	8.2	431	10.7	9.5

See footnotes at end of table.

No. 697. Employed Persons, by Sex, Race, and Occupation: 1972 and 1979—Con.

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified]

Occupation	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other [1]		Female	Black and other [1]
Professional, technical, and kindred workers [2]—Con.						
Registered nurses, dietitians, and therapists [2]	949	92.6	8.1	1,488	93.2	11.8
Registered nurses	801	97.6	8.2	1,223	96.8	11.4
Therapists	115	59.1	4.3	207	72.9	11.6
Health technologists and technicians	315	69.5	11.1	534	69.5	11.4
Religious workers	292	11.0	10.6	339	13.3	8.3
Social scientists	141	21.3	5.7	238	34.5	5.0
Social and recreation workers	354	55.1	17.5	477	61.4	21.0
Teachers, college and university	461	28.0	7.2	545	31.6	6.8
Teachers, except college and university [2]	2,841	70.0	9.2	3,118	70.8	10.1
Elementary	1,251	85.1	10.0	1,374	84.3	12.0
Prekindergarten and kindergarten	188	96.8	13.3	234	97.4	14.1
Secondary	1,114	49.6	8.3	1,213	50.7	8.2
Engineering and science technicians [2]	828	9.1	5.2	1,039	15.9	8.2
Drafters	286	6.3	5.2	305	14.8	7.5
Electrical and electronic engineering technicians	164	5.5	6.1	251	9.6	9.2
Technicians, except health, engineering, and science	152	11.2	2.6	197	17.3	4.6
Vocational and educational counselors	134	50.0	11.9	167	53.3	14.4
Writers, artists, and entertainers [2]	897	31.7	4.8	1,243	37.8	5.7
Athletes and kindred workers	78	30.8	6.4	105	38.1	4.8
Editors and reporters	163	41.1	4.3	201	42.3	5.5
Research workers, not specified	86	27.9	7.0	159	37.1	9.4
Managers and administrators, except farm [2]	**8,031**	**17.6**	**4.0**	**10,516**	**24.6**	**5.4**
Bank officers and financial managers	427	19.0	2.6	620	31.6	5.0
Buyers, wholesale and retail trade	161	32.9	4.3	200	40.0	6.5
Health administrators	118	46.6	7.6	185	48.1	7.0
Managers and superintendents, building	136	42.6	8.8	152	50.0	7.2
Office managers, n.e.c.	315	41.9	1.0	416	63.0	2.2
Officials and administrators, public administration, n.e.c	309	20.4	9.1	414	26.6	10.1
Purchasing agents and buyers, n.e.c.	181	13.3	3.3	232	24.1	6.0
Restaurant, cafeteria, and bar managers	494	32.4	8.9	632	35.4	9.3
Sales managers	570	15.6	1.4	686	24.1	4.1
School administrators	304	26.0	8.2	415	36.1	11.6
Sales workers [2]	**5,354**	**41.6**	**3.6**	**6,163**	**45.1**	**4.9**
Hucksters and peddlers	230	73.0	6.1	193	79.8	6.2
Insurance agents, brokers, and underwriters	441	11.6	3.4	534	23.8	6.2
Real estate agents and brokers	349	36.7	2.6	616	49.4	2.8
Stock and bond sales agents	101	9.9	2.0	122	19.7	3.3
Sales representatives, manufacturing industries	400	6.8	1.5	398	17.1	3.0
Sales representatives, wholesale trade	696	4.7	1.4	904	10.4	3.2
Sales clerks, retail trade	2,348	68.9	5.0	2,362	70.7	6.9
Salesworkers, except clerks, retail trade	430	13.0	2.6	549	20.0	2.2
Salesworkers, services and construction	136	29.4	2.2	197	39.1	5.1
Clerical and kindred workers [2]	**14,247**	**75.6**	**8.7**	**17,613**	**80.3**	**11.0**
Bank tellers	286	87.5	4.9	493	92.9	9.3
Billing clerks	149	84.6	6.7	162	90.1	8.6
Bookkeepers	1,584	87.9	3.6	1,910	91.1	5.4
Cashiers	998	86.6	8.0	1,477	87.9	10.5
Clerical supervisors, n.e.c.	199	57.8	10.1	237	71.3	11.8
Counter clerks, except food	329	73.9	6.4	362	77.9	11.0
Estimators and investigators, n.e.c	348	43.4	4.9	496	55.8	10.1
File clerks	272	84.9	18.0	305	86.6	21.0
Insurance adjusters, examiners, and investigators	108	34.3	6.5	173	55.5	12.7
Mail carriers, post office	270	6.7	14.1	253	10.3	10.7
Office machine operators [2]	674	71.4	13.1	904	74.9	17.6
Computer and peripheral equipment operators	196	37.8	10.2	453	61.6	13.0
Key punch operators	283	89.8	15.5	274	95.3	23.0
Postal clerks	281	26.7	19.6	259	34.4	23.9
Receptionists	436	97.0	7.6	600	97.2	8.7
Secretaries	2,949	99.1	5.2	3,729	99.1	6.6
Shipping and receiving clerks	451	14.9	13.7	484	21.3	13.6
Statistical clerks	299	70.9	8.4	400	78.8	12.3
Stenographers	125	90.4	8.0	76	93.4	13.2
Stock clerks and storekeepers	511	22.9	12.5	529	31.9	14.4
Telephone operators	392	96.7	12.8	327	91.7	16.8
Typists	1,021	96.1	12.0	1,020	96.7	17.2
Craft and kindred workers	**10,810**	**3.6**	**6.9**	**12,880**	**5.7**	**7.9**
Carpenters	1,045	.5	5.9	1,276	1.3	5.1
Other construction craftsworkers [3]	2,248	.6	8.9	2,639	1.6	9.7
Brickmasons and stonemasons	176	-	14.2	205	.5	16.1
Electricians	494	.6	3.2	640	1.3	5.6
Excavating, grading, and road machine operators	426	-	9.4	444	.5	9.5
Painters, construction and maintenance	428	1.9	10.1	483	5.0	10.6
Plumbers and pipe fitters	389	-	5.9	450	.4	9.6
Blue-collar worker supervisors, n.e.c	1,413	6.9	6.0	1,739	10.2	7.4

See footnotes at end of table.

NO. 697. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1979—Con.

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified]

OCCUPATION	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other [1]		Female	Black and other [1]
Craft and kindred workers—Con.						
Machinists and jobsetters	471	.6	6.2	642	3.3	7.9
Metalcraft workers [2]	624	1.9	5.6	649	2.8	7.2
Sheet metal workers and tinsmiths	149	.7	4.2	158	2.5	5.1
Tool and die makers	184	.5	2.2	184	2.2	3.8
Mechanics, automobile	1,033	.5	8.5	1,272	.6	9.3
Mechanics, except automobile [2]	1,735	1.0	5.3	2,178	1.9	6.7
Air conditioning, heating, and refrigeration	174	–	6.3	224	–	4.5
Aircraft	123	–	3.3	124	1.6	7.3
Heavy equipment	714	.7	5.2	954	1.2	6.7
Radio and television	124	.8	6.5	131	3.1	6.1
Printing craftworkers [2]	397	14.9	5.5	455	22.2	8.6
Compositors and typesetters	177	16.4	6.8	186	29.0	7.0
Printing press operators	145	4.8	4.1	192	11.5	9.9
All other craftworkers [2]	1,845	9.3	7.3	2,030	15.5	1.3
Bakers	114	28.9	18.4	140	43.6	12.9
Crane, derrick, and hoist operators	150	1.3	16.0	164	1.2	15.9
Electric power line and cable operators	102	–	3.9	114	–	7.0
Stationary engineers	190	1.1	5.8	192	1.0	8.9
Telephone installers and repairers	310	1.9	4.2	302	9.9	7.9
Operatives, except transport [2]	**10,340**	**38.6**	**13.2**	**10,909**	**39.9**	**15.1**
Assemblers	1,017	46.7	13.2	1,289	53.4	15.8
Checkers, examiners, and inspectors, mfg	685	48.5	8.8	746	51.2	12.2
Cutting operatives, n.e.c	238	27.7	16.0	263	27.8	15.2
Dressmakers and seamstresses, except factory	132	97.0	9.1	109	95.4	13.8
Garage workers and gas station attendants	502	4.6	8.4	369	5.4	11.4
Laundry and dry cleaning operatives, n.e.c	165	69.7	28.5	185	65.9	24.9
Meat cutters and butchers, except mfg	201	3.5	7.5	219	6.8	7.3
Mine operatives	142	.7	6.3	185	2.7	5.9
Packers and wrappers, exc. meat and produce	647	61.1	14.7	626	63.7	19.2
Painters, manufactured articles	178	14.6	14.6	185	16.8	12.4
Precision machine operatives	389	10.0	6.9	405	13.3	8.9
Punch and stamping press operatives	157	27.4	10.8	158	29.1	13.3
Sewers and stitchers	936	95.8	13.7	810	95.3	18.3
Textile operatives	424	55.2	15.8	340	57.6	22.6
Welders and flame cutters	554	3.6	10.1	713	4.5	10.5
Machine operatives	1,567	27.0	14.4	1,822	30.9	16.1
Transport equipment operatives [2]	**3,209**	**4.2**	**14.8**	**3,612**	**8.1**	**14.5**
Bus drivers	252	34.1	17.1	358	45.5	19.6
Delivery and route workers	892	2.5	10.4	580	8.1	9.0
Fork lift and tow motor operatives	303	1.0	22.1	386	3.9	18.7
Taxicab drivers and chauffeurs	166	9.0	24.1	164	13.4	28.0
Truck drivers	1,441	.6	14.4	1,965	2.1	13.3
Laborers, except farm [2]	**4,217**	**6.3**	**20.2**	**4,665**	**11.3**	**17.4**
Construction laborers, including carpenters' helpers	943	.5	22.4	930	2.7	18.0
Freight and material handlers	761	5.9	22.1	780	9.6	19.9
Gardeners and groundskeepers, except farm	544	2.2	20.0	615	6.2	16.1
Stockhandlers	723	16.9	10.2	919	24.8	12.3
Farmers and farm managers	**1,688**	**5.9**	**3.3**	**1,446**	**9.6**	**2.6**
Farm laborers and supervisors [2]	**1,381**	**32.1**	**15.1**	**1,257**	**27.7**	**16.3**
Farm laborers, wage workers	886	15.3	21.9	930	16.8	20.9
Farm laborers, unpaid family workers	455	66.8	2.4	286	66.1	2.4
Service workers, except private household	**9,529**	**57.0**	**18.5**	**11,746**	**59.2**	**18.5**
Cleaning service workers	2,074	32.8	30.0	2,450	35.6	28.4
Food service workers [2]	3,263	69.8	13.9	4,300	68.4	13.8
Cooks, except private household	866	62.2	21.4	1,251	56.0	19.3
Waiters	1,124	91.8	6.9	1,363	89.4	7.9
Health service workers [2]	1,506	87.0	24.6	1,818	90.4	24.9
Health aides, except nursing, and trainees	157	79.6	21.0	272	87.5	22.4
Nursing aides, orderlies, and attendants	912	83.4	26.9	1,024	87.5	30.6
Practical nurses	343	96.5	25.7	376	97.9	18.6
Personal service workers [2]	1,542	71.5	13.1	1,772	77.3	14.7
Barbers	157	4.5	12.7	109	12.8	13.8
Child care workers, except private household	356	95.8	14.0	441	95.2	14.1
Hairdressers and cosmetologists	498	91.2	7.2	575	89.2	9.6
Protective service workers [2]	1,144	5.7	10.4	1,406	8.8	12.4
Firefighters	200	.5	4.0	236	.4	6.4
Guards	412	4.6	15.5	569	10.9	17.6
Police and detectives	416	2.6	8.4	484	6.0	9.9
Private household workers [2]	**1,437**	**97.6**	**40.6**	**1,088**	**97.6**	**33.1**
Child care workers	543	98.0	9.9	474	97.9	8.0
Cleaners and servants	713	97.2	64.2	485	97.3	54.0

– Represents zero or rounds to zero. [1] Other than white. [2] Includes occupations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, October 1973 and January 1980.

No. 698. Employed Persons—Percent Distribution, by Occupation and Race: 1960 to 1979

[Civilians 16 years old and over, except percent. See headnote, table 696, "N.e.c." means not elsewhere classified]

Occupation	White					Black and other				
	1960	1970	1975	1978	1979	1960	1970	1975	1978	1979
Total employed (1,000)	58,850	70,182	75,713	83,836	86,025	6,927	8,445	9,070	10,537	10,920
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	46.6	50.8	51.7	51.8	52.5	16.1	27.9	34.7	36.2	37.9
Professional, technical, and kindred [1]	12.1	14.8	15.5	15.5	15.9	4.8	9.1	11.4	11.7	12.2
Medical and other health	2.1	2.3	2.5	2.8	2.9	.8	1.6	2.7	2.6	2.7
Teachers, except college	2.6	3.2	3.6	3.2	3.3	1.7	2.9	3.1	2.8	2.9
Managers, administrators, exc. farm	11.7	11.4	11.2	11.4	11.6	2.6	3.5	4.4	4.8	5.2
Salaried workers	5.9	8.4	9.0	9.4	9.6	.9	2.1	3.4	3.9	4.3
Self-employed	5.8	3.0	2.2	2.1	2.0	1.7	1.4	1.0	.9	1.0
Salesworkers	7.0	6.7	6.9	6.7	6.8	1.5	2.1	2.7	2.8	2.8
Retail trade	4.1	4.0	3.8	3.6	3.5	1.0	1.6	2.0	1.7	1.7
Clerical workers	15.7	18.0	18.1	18.0	18.2	7.3	13.2	15.7	16.9	17.7
Stenographers, typists, and secretaries	3.9	4.7	5.4	5.2	5.1	1.4	2.3	3.4	3.8	3.9
Blue-collar workers	36.2	34.5	32.4	32.9	32.6	40.1	42.2	37.4	37.2	36.7
Craft and kindred workers [1]	13.8	13.5	13.4	13.7	13.8	6.0	8.2	8.8	8.8	9.4
Carpenters	1.4	1.1	1.2	1.4	1.4	.4	.7	.6	.6	.6
Constr. craftworkers, exc. carpenters	2.7	2.5	2.7	2.7	2.8	1.6	1.8	2.1	2.4	2.3
Mechanics and repairers	3.2	3.7	3.6	3.7	3.7	1.7	2.6	2.1	2.1	2.4
Metalcraft workers, except mechanics	1.8	1.6	1.4	1.4	1.4	.6	.8	.8	1.8	1.9
Blue-collar supervisors, n.e.c.	1.9	2.0	1.7	1.9	1.9	.4	.9	1.0	1.1	.9
Operatives	17.9	17.0	14.6	14.6	14.4	20.4	23.7	20.0	20.5	19.9
Operatives, except transport	(NA)	(NA)	10.9	11.0	10.8	(NA)	(NA)	15.0	15.5	15.1
Transport equipment operatives	(NA)	(NA)	3.7	3.6	3.6	(NA)	(NA)	5.0	5.0	4.8
Drivers, motor vehicles	3.5	3.1	3.1	3.1	3.1	4.4	4.1	4.0	4.1	3.9
Nonfarm laborers	4.4	4.1	4.4	4.6	4.5	13.7	10.3	8.7	7.9	7.4
Service workers	9.9	10.7	12.3	12.3	12.0	31.7	26.0	25.8	24.1	23.2
Private household workers	1.7	1.3	1.0	.9	.8	14.2	7.7	4.9	3.6	3.3
Service workers, exc. private household	8.2	9.4	11.3	11.4	11.1	17.5	18.3	20.9	20.5	19.9
Protective service workers	1.2	1.3	1.5	1.4	1.4	.5	.9	1.7	1.7	1.6
Farmworkers	7.4	4.0	3.6	3.0	2.9	12.1	3.9	2.6	2.4	2.2
Farmers and farm managers	4.3	2.4	2.0	1.7	1.6	3.2	1.0	.6	.5	.3
Farm laborers and supervisors	3.0	1.6	1.5	1.3	1.2	9.0	2.9	2.0	2.0	1.9
Paid workers	1.7	1.0	1.1	1.0	.9	6.6	2.6	1.8	1.9	1.8
Unpaid family workers	1.3	.7	.5	.3	.3	2.4	.3	.2	.1	.1

NA Not available. [1] Includes occupations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 699. Hourly and Weekly Earnings in Current and Constant (1967) Dollars, by Industry Group: 1970 to 1980

[1980 preliminary. For private industry only; weekly earnings include overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, 689. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

Industry group	Current dollars						Constant (1967) dollars					
	1970	1975	1977	1978	1979	1980, Jan.–May	1970	1975	1977	1978	1979	1980, Jan.–May
Gross hourly earnings	3.23	4.53	5.25	5.69	6.16	6.50	2.78	2.81	2.89	2.91	2.83	2.71
Manufacturing	3.35	4.83	5.68	6.17	6.69	7.04	2.88	3.00	3.13	3.16	3.07	2.94
Mining	3.85	5.95	6.94	7.67	8.48	8.95	3.31	3.69	3.83	3.93	3.90	3.74
Contract construction	5.24	7.31	8.10	8.65	9.26	9.61	4.51	4.53	4.46	4.43	4.25	4.01
Transportation, public utilities	3.85	5.88	6.99	7.57	8.18	8.65	3.31	3.65	3.85	3.87	3.76	3.61
Wholesale trade	3.44	4.73	5.39	5.88	6.39	6.80	2.96	2.93	2.97	3.01	2.94	2.84
Retail trade	2.44	3.36	3.85	4.20	4.53	4.80	2.10	2.08	2.12	2.15	2.08	2.01
Finance, insurance, real estate	3.07	4.06	4.54	4.90	5.28	5.65	2.64	2.52	2.50	2.51	2.43	2.36
Services	2.81	4.02	4.65	4.99	5.36	5.72	2.42	2.49	2.56	2.56	2.46	2.39
Gross weekly earnings	120	164	189	204	220	228	103	101	104	104	102	95
Manufacturing	134	191	229	249	269	269	115	118	126	128	124	112
Mining	164	249	301	332	365	386	141	155	166	170	168	161
Contract construction	195	266	296	318	342	346	168	165	163	163	157	144
Transportation, public utilities	156	233	279	303	326	340	134	145	154	155	150	142
Wholesale trade	137	183	209	228	248	262	118	114	115	117	114	109
Retail trade	82	109	122	130	139	143	71	68	67	67	64	60
Finance, insurance, real estate	113	148	165	178	192	205	97	92	91	91	88	86
Services	97	135	153	164	175	186	83	84	85	84	81	78

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 700. Average Weekly Earnings in Current and Constant (1967) Dollars, Private Nonagricultural and Manufacturing Industries: 1960 to 1980

[**In dollars.** Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 699. See *Historical Statistics, Colonial Times to 1970*, series D 804, *for average weekly earnings in manufacturing*]

Industry and item	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–May[1]
PRIVATE NONAGRICULTURAL											
Gross weekly earnings:											
Current dollars	80.7	95.5	119.8	145.4	154.8	163.5	175.5	189.0	203.7	219.9	228.1
Constant (1967) dollars[2]	91.0	101.0	103.0	109.2	104.8	101.5	102.9	104.1	104.3	101.0	95.2
Spendable weekly earnings:[3]											
Worker with no dependents:											
Current dollars	65.6	79.3	96.2	117.5	124.4	132.5	143.3	155.2	165.4	178.0	183.9
Constant (1967) dollars[2]	74.0	83.9	82.7	88.3	84.2	82.2	84.1	85.5	84.7	81.8	76.8
Worker with 3 dependents:											
Current dollars	73.0	86.6	104.9	127.4	134.6	145.7	155.9	169.9	180.7	194.8	201.1
Constant (1967) dollars[2]	82.3	91.7	90.2	95.7	91.1	90.4	91.4	93.6	92.5	89.5	84.0
MANUFACTURING INDUSTRIES											
Gross weekly earnings:											
Current dollars	89.7	107.5	133.3	166.5	176.8	190.8	209.3	228.9	249.3	268.9	269.1
Constant (1967) dollars[2]	101.2	113.8	114.6	125.1	119.7	118.4	122.8	126.1	127.6	123.5	112.4
Spendable weekly earnings:[3]											
Worker with no dependents:											
Current dollars	72.6	89.1	106.3	132.6	140.2	151.6	167.8	183.8	197.4	212.4	219.4
Constant (1967) dollars[2]	81.8	94.3	91.4	99.6	94.9	94.1	98.4	101.3	101.1	97.6	91.6
Worker with 3 dependents:											
Current dollars	80.1	96.8	115.6	143.5	151.6	166.3	181.3	200.1	214.9	232.1	239.8
Constant (1967) dollars[2]	90.3	102.4	99.4	107.8	102.6	103.2	106.4	110.2	110.0	106.6	100.1

[1] Preliminary. [2] Earnings in current dollars divided by the Consumer Price Index on a 1967 base.
[3] *Average gross weekly earnings less social security and Federal income taxes.*

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 701. Annual Percent Changes in Earnings and Compensation: 1969 to 1979

Item	1969–1970	1970–1971	1971–1972	1972–1973	1973–1974	1974–1975	1975–1976	1976–1977	1977–1978	1978–1979
Current dollars:										
Hourly earnings, total[1]	6.3	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3
Hourly earnings, manufacturing	5.0	6.6	7.0	7.1	8.1	9.3	8.1	8.8	8.6	8.4
Spendable weekly earnings[1 2]	4.9	7.2	8.2	4.7	5.7	8.2	7.0	9.0	6.3	7.8
Compensation per employee-hour[1]	6.8	6.7	6.3	7.9	8.9	10.0	8.4	8.1	9.1	9.0
Constant (1967) dollars:										
Hourly earnings, total[1]	.4	2.2	3.9	.3	−3.0	−2.1	1.4	1.4	.7	−2.8
Hourly earnings, manufacturing	−1.0	2.1	3.7	.7	−.7	−1.6	2.0	2.3	1.0	−2.8
Spendable weekly earnings[1 2]	−1.0	2.8	4.8	−1.5	−4.8	−.9	1.2	2.4	−1.2	−3.4
Compensation per employee-hour[1]	.8	2.4	2.9	1.6	−1.9	.8	2.5	1.5	1.4	−2.1
Consumer Price Index[3]	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.6	11.5

[1] *Nonfarm business sector.* [2] Married worker with 3 dependents. [3] See text, p. 475 and table 806.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 702. Number of Workers and Earnings, by Work Experience and Sex: 1978

[Covers civilians 14 years old and over as of **March 1979** with earnings. For definition of median, see Guide to Tabular Presentation]

Weeks worked	Worked full-time				Ratio: women to men		Worked part-time				Ratio: women to men	
	Women		Men				Women		Men			
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
Total	***32,603***	***$7,464***	***54,565***	***$13,588***	***.60***	***.55***	***15,795***	***$1,635***	***8,338***	***$1,635***	***1.89***	***1.00***
13 weeks or less	2,838	899	2,633	1,251	1.08	.72	3,632	570	2,219	583	1.64	.98
14–26 weeks	2,978	2,663	3,055	3,397	.97	.78	2,900	1,050	1,525	1,133	1.90	.93
27–39 weeks	*2,743*	*4,553*	*3,078*	*7,101*	*.89*	*.64*	2,245	2,080	976	2,423	2.30	.86
40–47 weeks	2,115	6,101	3,265	9,974	.65	.61	1,449	2,692	726	2,825	2.00	.95
48–49 weeks	1,016	6,855	1,498	11,341	.68	.60	511	3,088	255	3,524	2.00	.88
50–52 weeks	20,914	9,350	41,036	15,730	.51	.59	5,058	3,423	2,637	3,293	1.92	1.04

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

NO. 703. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—HOURS AND GROSS EARNINGS, BY STATES: 1965 TO 1979

STATE	AVERAGE HOURLY EARNINGS (dollars)					AVERAGE WEEKLY EARNINGS (dollars)					AVERAGE WEEKLY HOURS				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
U.S.	**2.61**	**3.36**	**4.81**	**6.17**	**6.69**	**108**	**134**	**190**	**249**	**269**	**41.2**	**39.8**	**39.4**	**40.4**	**40.2**
N. Eng.:															
Maine	2.06	2.71	3.81	4.91	5.42	85	109	152	197	217	41.3	40.1	39.9	40.2	40.1
N.H	2.06	2.81	3.97	4.93	(NA)	84	109	155	198	(NA)	40.9	38.8	39.1	40.2	(NA)
Vt	2.17	2.93	4.07	5.10	5.53	92	120	164	209	226	42.4	41.0	40.4	41.0	40.6
Mass	2.45	3.23	4.48	5.54	(NA)	99	127	175	223	(NA)	40.3	39.2	39.1	40.2	(NA)
R.I	2.18	2.85	3.84	4.71	5.10	89	112	149	183	199	40.6	39.2	38.9	38.9	39.1
Conn	2.69	3.43	4.78	5.96	6.43	113	140	194	250	270	42.1	40.9	40.5	42.0	42.0
Mid. Atl.:															
N.Y	2.68	3.46	4.91	6.08	6.57	106	135	191	242	260	39.7	38.9	38.9	39.8	39.6
N.J	2.74	3.46	4.99	6.20	6.66	112	139	200	255	277	41.0	40.3	39.9	41.2	41.7
Pa.[1]	2.66	3.36	4.98	6.37	6.97	108	132	193	255	278	40.5	39.2	38.8	40.0	39.9
E. No. Cent.:															
Ohio	3.01	3.81	5.57	7.29	7.84	127	155	224	307	325	42.2	40.6	40.3	42.1	41.5
Ind	2.92	3.72	5.49	7.17	7.74	122	149	219	295	316	41.7	40.1	39.8	41.2	40.5
Ill	2.83	3.65	5.53	6.76	7.30	117	147	219	271	297	41.4	40.3	39.7	40.1	40.7
Mich	(NA)	(NA)	(NA)	(NA)	8.73	(NA)	(NA)	(NA)	(NA)	360	(NA)	(NA)	(NA)	(NA)	41.2
Wis	2.75	3.61	5.26	6.69	7.27	115	146	212	274	297	41.7	40.4	40.4	41.0	40.9
W. No. Cent.:															
Minn	2.72	3.54	5.10	6.44	6.93	112	141	200	259	277	41.2	40.0	39.2	40.2	40.0
Iowa	2.78	3.70	5.40	7.00	7.75	113	147	214	281	314	40.7	39.7	39.7	40.1	40.5
Mo	2.62	3.39	4.75	6.21	6.70	106	133	187	248	265	40.3	39.3	39.0	40.0	39.5
N. Dak	2.36	2.93	4.31	5.55	5.98	100	119	172	220	234	42.5	40.7	39.9	39.7	39.2
S. Dak	2.37	2.98	4.21	5.19	5.70	104	133	171	216	239	43.8	44.6	40.7	41.7	41.9
Nebr	2.40	3.21	4.63	5.83	6.53	104	135	188	240	270	43.1	42.0	40.5	41.1	41.3
Kans	(2)	(2)	(2)	(2)	6.77	(2)	(2)	(2)	(2)	276	(2)	(2)	(2)	(2)	40.8
So. Atl.:															
Del	2.77	3.44	5.02	6.58	7.05	115	136	197	263	279	41.5	39.6	39.3	40.0	39.6
Md	2.62	3.40	5.04	6.46	7.09	108	136	197	258	284	41.2	40.1	39.1	39.9	40.0
D.C[3]	2.82	3.81	5.52	6.72	7.74	114	148	213	263	303	40.2	38.8	38.5	39.1	39.2
Va	2.11	2.73	3.99	5.11	5.58	88	109	156	203	222	41.5	40.0	39.2	39.8	39.7
W. Va	2.74	3.42	4.93	6.68	7.41	111	136	192	265	293	40.4	39.8	39.0	39.6	39.6
N.C	1.82	2.46	3.52	4.47	4.87	75	97	135	178	193	41.3	39.5	38.4	39.8	39.6
S.C	1.88	2.51	3.59	4.66	5.10	79	101	141	190	208	41.9	40.2	39.4	40.8	40.8
Ga	2.01	2.67	3.80	4.88	5.27	83	106	150	196	208	41.1	39.8	39.5	40.1	39.4
Fla	2.16	2.89	4.11	5.07	5.48	91	119	164	207	222	42.3	41.1	40.0	40.9	40.5
E. So. Cent.:															
Ky	2.51	3.27	4.77	6.26	6.77	103	129	185	248	267	41.0	39.4	38.7	39.6	39.4
Tenn	2.09	2.73	3.93	5.13	5.56	85	109	156	203	221	40.8	39.9	39.8	39.6	39.7
Ala	2.24	2.90	4.10	5.40	5.95	94	117	162	219	242	41.8	40.3	39.5	40.6	40.7
Miss	1.82	2.43	3.58	4.56	4.95	75	98	141	182	196	41.2	40.2	39.3	39.9	39.6
W. So. Cent.:															
Ark	1.83	2.48	3.69	4.72	5.19	75	99	143	186	206	41.0	39.8	38.8	39.3	39.6
La	2.55	3.28	4.88	6.42	6.97	108	137	209	267	288	42.3	41.8	42.8	41.6	41.3
Okla	2.41	3.09	4.45	5.81	6.53	101	126	178	234	264	42.0	40.8	40.0	40.2	40.5
Tex	2.48	3.18	4.57	5.88	6.46	104	129	186	243	266	41.9	40.7	40.6	41.3	41.1
Mt.:															
Mont	2.80	3.70	5.53	7.81	8.44	115	148	210	333	362	41.0	40.0	38.0	42.7	42.9
Idaho	2.65	3.29	4.77	6.53	6.92	106	128	185	253	265	40.0	38.9	38.8	38.8	38.3
Wyo	2.86	3.36	4.92	6.18	6.62	108	130	190	238	248	37.9	38.7	38.6	38.6	37.5
Colo	(2)	(2)	(2)	6.21	6.75	(2)	(2)	(2)	244	265	(2)	(2)	(2)	39.3	39.2
N. Mex	2.31	2.66	3.63	4.79	5.37	94	105	142	188	213	40.6	39.0	39.0	39.2	39.6
Ariz	2.77	3.31	4.85	6.03	6.62	114	132	189	243	269	41.1	40.0	39.0	40.3	40.6
Utah	[4]2.64	3.26	4.61	5.68	6.27	[4]114	127	176	224	245	[4]40.3	39.1	38.1	39.5	39.0
Nev	3.18	4.09	5.26	6.54	6.95	127	161	201	252	268	39.9	39.3	38.2	38.5	38.5
Pac.:															
Wash	3.09	4.06	5.82	7.56	8.39	122	159	225	297	324	39.5	39.1	38.7	39.3	38.6
Oreg	2.94	3.82	5.53	7.23	7.92	117	148	212	282	305	39.8	38.8	38.4	39.0	38.5
Calif	3.05	3.80	5.22	6.43	7.03	124	150	206	258	281	40.6	39.6	39.4	40.1	39.9
Alaska	3.70	4.66	8.09	8.86	[5]9.14	159	192	296	376	[5]401	43.1	41.2	36.6	42.4	[5]43.9
Hawaii	2.28	3.17	4.68	5.90	6.38	90	127	183	228	244	39.3	40.0	39.1	38.6	38.3

NA Not available. [1]Beginning 1977, data not strictly comparable with prior years. [2]Source requested that data previously published not be shown because of errors. [3]Represents Washington, D.C. Standard Metropolitan Statistical Area; data not comparable over years shown. [4]Data for 1965 not strictly comparable with later years. [5]Data for 1979 not comparable with prior years.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly. Compiled from data supplied by cooperating State agencies.

No. 704. Median Weekly Earnings of Full-Time Wage and Salary Workers, by Selected Characteristic: 1970 to 1979

[In current dollars of usual weekly earnings. For **1970–1978,** as of **May.** Data for 1979 represent annual average. Due to changes in data collection procedures, data for 1979 are not strictly comparable with earlier years. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	1970	1973	1974	1975	1976	1977	1978	CHARACTERISTIC	1979
All workers	**$130**	**$159**	**$169**	**$185**	**$197**	**$212**	**$227**	**All workers**	**$244**
Male	151	188	204	221	234	253	272	Male	298
16–24 years old	112	136	146	149	159	168	185	16–24 years old	201
25 years and over	160	203	219	235	251	273	294	25 years and over	322
Never-married	113	134	144	153	161	173	190	Female	186
Husbands	159	200	216	234	248	272	293	16–24 years old	153
Other marital status	139	171	194	205	224	239	263	25 years and over	197
Female	94	116	124	137	145	156	166	Husbands	324
16–24 years old	88	103	111	117	125	133	142	Wives	189
25 years and over	96	121	131	146	154	165	175	*Women who maintain families*	190
Never-married	95	114	120	132	141	150	159	Men who maintain families	301
Wives	95	117	126	139	147	158	167		
Other marital status	91	115	123	138	146	158	168	White	249
								Male	306
White	134	162	173	190	202	217	232	Female	187
Male	157	193	209	225	239	259	279	Black	204
Female	95	117	125	138	147	157	167	Male	233
								Female	174
Black and other	99	129	140	156	162	171	186	Hispanic origin	197
Male	113	149	160	173	187	201	218	Male	226
Female	81	107	117	130	138	147	158	Female	156
Occupation:								Occupation:	
Profess'n'l and techn'l	*181*	*212*	*228*	*246*	*256*	*277*	*294*	Professional and technical	316
Managers, administ'trs [1]	190	238	250	274	289	302	323	Managers, administrators [1]	349
Salesworkers	133	163	172	189	198	225	232	Salesworkers	254
Clerical workers	109	130	140	150	158	167	175	Clerical workers	195
Craft and kindred wkrs	157	195	211	223	239	259	279	Craft and kindred wkrs	303
Operatives, exc. transport	(NA)	132	141	157	162	171	191	Operatives, exc. transport	211
Transport equipment operatives	(NA)	169	180	198	214	231	249	Transport equipment *operatives*	272
Nonfarm laborers	110	138	149	154	161	181	193	Nonfarm laborers	206
Private household wkrs	38	39	50	54	60	59	59	Service workers	164
Other service workers	87	111	117	123	134	142	152	Farmworkers	157
Farmworkers	71	96	107	111	120	127	139		

NA Not available. [1] Excludes farm.

Source: U.S. Bureau of Labor Statistics, *News,* Oct. 12, 1978 and Mar. 27, 1980.

No. 705. Percent Increase in Average Salaries for Selected Occupations in Private Industry: 1970 to 1979

[Based on sample and subject to sampling variability. Relates to metropolitan areas and nonmetropolitan counties in U.S. except Alaska and Hawaii. Minimum employment sizes of establishments studied were: 250 or more in mining, construction, retail trade, most manufacturing industries, and selected transportation industries; and 100 or more in selected manufacturing industries, and transportation, communication, electric, gas, and sanitary services, and in wholesale trade, finance, insurance, and real estate, and selected services and 50 or more in accounting, auditing, and bookkeeping services. When changes made in survey coverage, year-to-year percent changes were based on data adjusted to represent same coverage in both years]

OCCUPATIONAL GROUP	1970–1971	1971–1972 [1]	1972–1973	1973–1974	1974–1975	1975–1976	1976–1977	1977–1978	1978–1979
Accountants	6.7	5.6	4.9	6.1	9.8	6.4	7.8	8.3	8.0
Auditors	7.0	5.5	5.2	5.2	6.8	5.5	6.8	8.2	6.5
Chief accountants	9.1	3.9	5.8	7.2	6.6	6.6	10.5	8.0	7.7
Attorneys	5.0	6.1	6.3	5.8	7.6	6.1	5.4	9.1	8.9
Buyers	7.0	6.3	5.0	6.0	9.2	6.7	7.0	7.8	7.0
Job analysts	7.7	6.8	5.2	6.1	7.5	6.0	6.5	7.2	8.6
Personnel directors	8.0	3.9	7.5	7.2	6.1	7.8	9.1	10.0	7.5
Chemists	5.5	5.1	3.7	7.1	10.1	6.6	7.0	9.0	7.6
Engineers	5.7	5.2	5.1	5.4	8.4	6.8	6.4	9.0	8.4
Engineering technicians	6.5	5.1	4.7	6.0	9.0	8.1	7.2	7.1	7.6
Drafters	5.6	7.2	6.2	6.7	8.0	7.4	6.0	7.1	(NA)
Clerical	6.5	6.1	5.4	6.4	9.6	7.3	6.6	7.4	7.8

NA Not available [1] Data for the 9-month period, June 1971–March 1972, have been prorated to represent a 12-month *period.*

Source: U.S. Bureau of Labor Statistics, *National Survey of Professional, Administrative, Technical, and Clerical Pay,* Bulletin No. 2045.

No. 706. Annual Percent Increase in Average Pay for Selected Occupations and in Consumer Prices: 5-Year Periods, 1967 to 1979

[5-year periods begin and end in **January** of years shown, except as noted]

OCCUPATION	1967–1972	1968–1973	1969–1974	1970–1975	1971–1976	1972–1977	1973–1978	1974–1979
Private industry:								
Professional, administrative, technical, and clerical employees, average salaries: [1]								
Clerical and beginning technicians	5.8	5.9	6.1	6.7	6.9	7.1	7.5	7.7
Entry and development professional levels, and advanced technical levels	6.1	5.7	5.6	6.1	6.1	6.3	7.0	7.4
Fully experienced professional working levels, supervisors of professional and program administrative levels	5.8	6.0	6.0	6.5	6.6	7.0	7.6	8.0
Production and nonsupervisory workers, nonagric.: Average hourly earnings adjusted for overtime [2] (mfg. only) and interindustry employment shifts	6.6	6.6	6.6	7.1	7.2	7.3	7.7	8.1
Police and firefighters: [3] Minimum annual salary scales	7.9	7.3	6.5	6.0	6.3	6.0	6.1	6.1
Maximum annual salary scales	7.7	8.1	7.4	7.1	7.3	6.9	6.6	6.5
Urban public classroom teachers, avg. annual salaries [4]	[5] 6.9	[6] 6.8	[6] 6.8	[7] 7.0	7.0	[8] 6.9	6.9	[9] 6.3
Federal general schedule employees: [10]								
Average annual salary rates	6.3	7.4	6.0	5.7	5.5	5.0	5.4	5.7
Average annual salaries	7.8	9.1	6.5	5.9	5.7	5.3	5.9	6.4
Consumer Price Index for all Urban Consumers	4.6	4.6	5.5	6.6	6.9	7.3	8.0	7.9

[1] For further details, see *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 2045. [2] Data are subject to annual benchmark revision and are not seasonally adjusted. [3] For cities of 100,000 population or more in 1970. [4] For cities of 100,000 population or more in 1970, and counties of this size in standard metropolitan statistical areas with county-wide school systems. [5] 1967–71 data. [6] 1969–73 data. [7] 1971–75 data. [8] 1973–77 data. [9] 1975–79 data. [10] For 1967, as of Oct. 1; for 1968 to 1971, as of July 1; and for 1972 to 1979, as of April 1. Rates show statutory changes and effect of changes in proportion of workers at each step within salary ranges for individual grades. Salaries measure effect of statutory changes in basic pay scales and in grade salary increases, and also changes in proportion of workers in various grades.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, February, May, and August 1980.

No. 707. Effective and Scheduled Federal Minimum Hourly Wage Rates, 1950 to 1981, and Coverage in 1978

[Employee estimates as of **September 1978,** except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

EFFECTIVE DATE	MINIMUM RATES FOR NONFARM WORKERS			Minimum rates for farmworkers [4]	SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1978				
						Total (1,000)	Subject to minimum wage rates			
	Laws prior to 1966 [1]	Percent, avg. earnings [2]	1966 and later [3]				Total (1,000)	Percent of total	Prior to 1966 [6 7] (1,000)	1966 and later (1,000) [3 6 7]
In effect:					**Total**	**74,038**	**57,572**	**77.8**	**41,036**	**16,536**
Jan. 25, 1950	$.75	54	(x)	(x)						
Mar. 1, 1956	1.00	52	(x)	(x)	Male	42,247	33,099	78.3	25,412	7,687
Sept. 3, 1961	1.15	50	(x)	(x)	Female	31,791	24,473	77.0	15,624	8,849
Sept. 3, 1963	1.25	51	(x)	(x)	White	65,030	50,549	77.7	36,710	13,839
Feb. 1, 1967	1.40	50	$1.00	$1.00	Black and other	9,008	7,023	78.0	4,326	2,697
Feb. 1, 1968	1.60	54	1.15	1.15	Black only	8,224	6,427	78.1	3,957	2,470
Feb. 1, 1969	([5])	([5])	1.30	1.30						
					Private industry	64,611	54,998	85.1	41,036	13,962
Feb. 1, 1970	([5])	([5])	1.45	([5])	Agriculture	1,518	553	36.4	-	553
Feb. 1, 1971	([5])	([5])	1.60	([5])	Mining	792	788	99.5	788	-
May 1, 1974	2.00	46	1.90	1.60	Construction	4,126	4,105	99.5	3,354	751
Jan. 1, 1975	2.10	45	2.00	1.80	Manufacturing	18,246	17,744	97.2	17,634	110
Jan. 1, 1976	2.30	46	2.20	2.00	Transp., public util	4,350	4,317	99.2	4,218	99
Jan. 1, 1977	([5])	([5])	2.30	2.20	Wholesale trade	4,231	3,372	79.7	3,147	225
Jan. 1, 1978	2.65	44	2.65	2.65	Retail trade	13,246	10,551	79.7	4,981	5,570
Jan. 1, 1979	2.90	45	2.90	2.90	Finance, insurance, real estate	4,041	3,066	75.9	2,945	121
Jan. 1, 1980	3.10	45	3.10	3.10	Service	12,216	9,322	76.3	3,969	5,353
Future rates:					Private households	1,845	1,180	64.0	-	1,180
Jan. 1, 1981	3.35	45	3.35	3.35	Government [8]	9,427	2,574	27.3	-	2,574

- Represents zero. X Not applicable. [1] Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, $1.00; Sept. 1964, $1.15; and Sept. 1965, $1.25. [2] Percent of gross average hourly earnings of production workers in manufacturing. [3] Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. [4] Included in coverage as of 1966, 1974, and 1977 Amendments. [5] No change in rate. [6] Currently employed workers subject to criteria in effect prior to 1966 Amendments. [7] Currently employed workers subject to provisions. [8] Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1980, annual.

No. 708. Minimum Hourly Union Wage Rates—Indexes and Averages, Selected Trades: 1960 to 1978

[As of **first working day in July,** except as noted. Data for 1960 exclude Alaska. Indexes of rates reflect changes in minimum hourly wage scales. Year-to-year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. Average wage rates show current levels and should not be used for precise year-to-year comparisons because of fluctuations in membership in the classifications studied. See also *Historical Statistics, Colonial Times to 1970,* series D 818-829]

TRADE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
INDEXES (1967 = 100)											
Building trades	**75.4**	**90.9**	**129**	**144**	**153**	**161**	**173**	**188**	**201**	**212**	**224**
Journeymen	75.5	90.9	129	144	153	161	173	188	200	212	224
Helpers and laborers	74.0	90.8	128	144	152	161	175	189	202	215	224
Printing trades [1]	**80.6**	**93.0**	**121**	**134**	**144**	**153**	**166**	**180**	**192**	**205**	**219**
Book and job [2]	80.3	93.5	121	134	144	155	166	181	193	207	220
Newspaper	81.1	92.5	121	133	144	152	165	179	192	204	213
Motortruck drivers and helpers [3]	**75.4**	**91.2**	**123**	**138**	**152**	**163**	**177**	**190**	**206**	**224**	(NA)
Local transit operators	**73.9**	**89.8**	**125**	**136**	**145**	**155**	**173**	**193**	**205**	**220**	**233**
AVERAGE WAGE RATES (dol.)											
Building trades	**3.66**	**4.42**	**6.18**	**6.88**	**7.27**	**7.62**	**8.14**	**8.88**	**9.48**	**10.02**	**10.61**
Journeymen	3.86	4.64	6.54	7.28	7.69	8.02	8.55	9.32	9.92	10.44	11.05
Helpers and laborers	2.88	3.54	4.86	5.43	5.68	6.06	6.53	7.06	7.54	8.03	8.54
Printing trades [1]	**3.23**	**3.73**	**4.97**	**5.47**	**5.89**	**6.28**	**6.80**	**7.36**	**7.90**	**8.46**	**9.07**
Book and job [2]	3.08	3.58	4.65	5.11	5.49	5.91	6.34	6.86	7.41	7.91	8.51
Newspaper	3.48	3.94	5.13	5.65	6.09	6.43	7.01	7.57	8.17	8.74	9.23
Motortruck drivers and helpers [3]	**2.65**	**3.22**	**4.36**	**4.90**	**5.43**	**5.85**	**6.34**	**6.81**	**7.36**	**8.03**	(NA)
Local transit operators	**2.37**	**2.88**	**4.03**	**4.38**	**4.68**	**5.04**	**5.62**	**6.25**	**6.63**	**7.12**	**7.53**

NA Not available. [1] *Beginning 1970,* includes lithographers; beginning 1978, data collected biennially. [2] Includes semiskilled (bindery workers and press assistants and feeders). [3] Data based on all scales reported for these workers; beginning 1977, data collected biennially.

No. 709. Minimum Hourly Union Wage Rates—Selected Trades, Ten Large Cities: 1970 to 1978

[**In dollars.** Represents rates agreed upon through collective bargaining between employers and trade unions]

TRADE	New York, N.Y.	Chicago, Ill.	Los Angeles, Calif.	Philadelphia, Pa.	Detroit, Mich.	Houston, Tex.	Atlanta, Ga.	Denver, Colo.	Washington, D.C.	Cleveland, *Ohio*
1970:										
Building trades	**6.71**	**6.74**	**6.08**	**6.60**	**7.19**	**5.43**	**5.36**	**5.55**	**5.80**	**7.73**
Journeymen	6.95	6.96	6.49	7.10	7.37	5.70	6.05	6.15	6.41	7.94
Helpers, laborers	5.75	5.44	4.71	5.02	5.76	4.18	3.19	4.02	4.38	6.53
Printing trades:										
Book and job [1]	5.39	5.29	4.92	4.21	5.01	4.12	4.04	3.93	4.36	4.16
Newspaper	6.10	5.29	5.07	4.74	5.04	4.62	4.51	5.11	5.46	5.61
Motortruck drivers and helpers: [2]										
Drivers	4.23	4.36	4.35	4.26	4.79	4.26	4.25	4.02	3.63	4.42
Helpers	3.65	3.94	3.85	3.46	4.17	2.49	2.73	3.18	3.43	3.35
Local transit operators	**4.45**	**4.57**	**4.00**	**3.81**	**4.30**	**3.25**	**3.40**	**3.57**	**4.37**	**3.74**
1975:										
Building trades	**9.63**	**9.54**	**9.51**	**9.76**	**9.46**	**8.07**	**7.67**	**8.32**	**8.97**	**9.67**
Journeymen	10.01	10.14	9.69	10.27	9.70	8.46	8.27	9.07	9.58	9.96
Helpers, laborers	8.28	7.28	7.34	7.56	7.73	6.20	5.34	5.75	7.18	8.10
Printing trades [3]	**8.65**	**8.27**	**7.43**	**6.72**	**7.61**	**6.52**	**6.51**	**7.24**	**8.51**	**6.96**
Book and job [1]	8.73	7.69	6.81	6.09	7.22	6.41	6.30	5.86	7.84	6.27
Newspaper	9.04	8.02	7.75	7.04	7.87	6.56	6.65	8.03	9.14	7.33
Motortruck drivers and helpers [2]	**6.36**	**7.12**	**6.60**	**6.89**	**7.20**	**6.69**	**6.82**	**6.31**	**5.87**	**6.80**
Drivers	6.53	7.15	6.64	7.00	7.24	6.70	6.83	6.33	6.01	6.89
Helpers	5.70	6.60	5.44	5.66	6.62	4.55	4.21	5.72	5.41	5.24
Local transit operators	**6.72**	**7.12**	**6.25**	**5.88**	**6.41**	**5.05**	**5.74**	**5.78**	**6.90**	**5.75**
1978:										
Building trades	**11.01**	**11.31**	**11.21**	**10.26**	**11.37**	**10.35**	**9.04**	**10.08**	**10.39**	**11.63**
Journeymen	11.40	11.66	11.55	11.07	11.63	10.83	9.64	10.64	10.80	11.80
Helpers, laborers	9.55	9.23	8.64	8.92	9.60	7.91	6.41	7.77	8.38	10.54
Printing trades [3]	**10.35**	**10.01**	**9.80**	**8.19**	**9.24**	**8.14**	**7.84**	**9.02**	**9.45**	**8.64**
Book and job [1]	10.27	9.51	8.71	7.29	8.63	8.12	7.70	7.50	9.05	8.04
Newspaper	10.72	9.76	10.48	8.63	9.32	8.12	7.76	9.88	9.74	8.76
Motortruck drivers and helpers [2] [4]	**7.42**	**8.41**	**7.82**	**7.82**	**8.31**	**8.14**	**8.17**	**7.60**	**6.88**	**7.82**
Drivers	7.65	8.48	7.87	7.86	8.36	8.15	8.21	7.63	7.02	7.90
Helpers	6.38	7.77	6.33	7.19	7.74	5.55	5.47	6.64	6.42	6.69
Local transit operators	**7.35**	**8.91**	**8.09**	**7.06**	**7.91**	**6.26**	**7.43**	**7.48**	**8.16**	**7.62**

[1] See footnote 2, table 708. This number of semiskilled workers organized in a city may have influence on the average for the city. [2] See footnote 3, table 708. Helpers were not reported for all truck classifications, and these averages do not reflect or indicate the scale differential between drivers and helpers in a particular city. [3] Includes lithographers, not shown separately. [4] 1977 data.

Source of tables 708 and 709: U.S. Bureau of Labor Statistics, *Union Wages and Benefits,* annual.

No. 710. Employee Compensation per Hour, by Compensation Item: 1977

[Private nonfarm economy. Covers establishments employing 1 or more workers]

Compensation item	All employees			Office employees			Nonoffice employees		
	Percent of compensation	Compensation per hour		Percent of compensation	Compensation per hour		Percent of compensation	Compensation per hour	
		All paid hours	Work hours		All paid hours	Work hours		All paid hours	Work hours
Total compensation	**100.0**	**$7.43**	**$8.04**	**100.0**	**$9.04**	**$9.96**	**100.0**	**$6.49**	**$6.96**
Wages and salaries (gross payroll) [1]	84.6	6.28	6.80	85.6	7.74	8.52	83.7	5.44	5.82
Supplements to wages and salaries [2]	15.5	1.15	1.24	14.4	1.30	1.43	16.3	1.06	1.13
Pay for time worked	76.7	5.70	6.17	75.8	6.85	7.54	77.5	5.03	5.39
Straight-time pay	74.8	5.56	6.02	75.0	6.78	7.47	74.6	4.85	5.19
Premium pay	1.9	.14	.15	.8	.07	.08	2.9	.19	.20
Paid leave (exc. sick leave)	6.1	.45	.49	6.7	.61	.67	5.6	.36	.39
Vacations	3.4	.25	.27	3.8	.35	.38	3.0	.20	.21
Holidays	2.3	.17	.19	2.6	.24	.26	2.1	.13	.14
Other	.4	.02	.03	.2	.02	.02	.4	.03	.03
Employer expenditures for—									
Social security retirement	4.4	.33	.36	4.1	.37	.41	4.7	.31	.33
Private retirement plans	4.1	.30	.33	4.8	.43	.48	3.5	.23	.25
Life, accident, health insurance	4.0	.30	.32	3.6	.32	.36	4.3	.28	.30
Sick leave	.8	.06	.07	1.2	.11	.12	.6	.04	.04
Workers' compensation	1.2	.09	.10	.5	.04	.05	1.8	.12	.13
Unemployment insurance	1.2	.09	.10	.9	.08	.09	1.4	.09	.10
Severance pay [3]	.1	.01	.01	.1	.01	.01	.1	.01	.01
Nonproduction bonuses	1.1	.08	.08	1.9	.17	.19	.4	.02	.03
Savings and thrift plans	.2	.02	.02	.4	.04	.04	.1	.01	.01

[1] Pay for time worked, vacations, holidays, sick leave, and civic and personal leave; severance pay; and nonproduction bonuses. [2] Retirement programs (including direct pay to pensioners under pay-as-you-go private pension plans), life insurance and health benefit programs (except sick leave), unemployment benefit programs (except severance pay), and payments to vacation and holiday funds and to savings and thrift plans. [3] Severance pay and severance pay funds and supplemental benefit funds.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, 1978—Reference edition.

No. 711. Major Collective Bargaining Settlements—Average Percent Change in Wages and Benefits Negotiated: 1970 to 1979

[**In percent, except as indicated.** Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living escalator clauses, except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

Item	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Wage-rate adjustments: [1]										
All industries:										
First year changes	11.9	11.6	7.3	5.8	9.8	10.2	8.4	7.8	7.6	7.4
Contracts with escalator [2]	(NA)	12.9	7.9	5.7	9.5	12.2	8.4	8.0	6.9	6.2
Contracts without escalator [2]	(NA)	10.3	7.2	5.8	10.2	9.1	8.3	7.6	8.0	9.1
Over life of contract [3]	8.9	8.1	6.4	5.1	7.3	7.8	6.4	5.8	6.4	6.0
Contracts with escalator [2]	7.3	7.1	5.7	4.9	6.1	7.1	5.7	5.0	5.3	4.6
Contracts without escalator [2]	10.1	9.2	6.5	5.3	9.1	8.3	7.3	6.9	7.1	8.0
Manufacturing:										
First year changes	8.1	10.9	6.6	5.9	8.7	9.8	8.9	8.4	8.3	6.9
Over life of contract [3]	6.0	7.3	5.6	4.9	6.1	8.0	6.0	5.5	6.6	5.4
Nonmanufacturing:										
First year changes	15.2	12.2	7.8	5.7	10.5	10.4	7.7	7.4	7.4	8.0
Over life of contract [3]	11.5	8.9	6.9	5.3	8.0	7.8	6.8	6.0	6.4	6.8
Number of workers affected (mil.)	4.7	4.0	2.4	5.3	5.1	2.9	4.1	4.0	2.5	3.5
Percent of civilian labor force	6	5	3	6	6	3	4	4	3	3
Manufacturing (mil.)	2.2	1.9	.9	2.4	1.9	.8	2.1	1.6	.6	1.9
Nonmanufacturing (mil.)	2.5	2.1	1.5	2.9	3.3	2.1	2.0	2.4	2.0	1.6
Wage and benefit adjustments: [4]										
First year changes	13.1	13.1	8.5	7.1	10.7	11.4	8.5	9.6	8.3	9.0
Over life of contract [3]	9.1	8.8	7.4	6.1	7.8	8.1	6.6	6.2	6.3	6.6

[1] Each settlement involved 1,000 or more workers. [2] Cost-of-living clauses. [3] Average annual rate of change. [4] Each settlement involved 5,000 or more workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

NO. 712. PERCENT OF WORKERS IN ESTABLISHMENTS WITH FORMAL PROVISIONS FOR SELECTED SUPPLEMENTARY BENEFITS IN SMSA'S: 1971–1974 AND 1975–1977

[SMSA = Standard metropolitan statistical areas. See Appendix II. Based on sample of establishments with 50 or more employees, except in 13 largest SMSA's (100 or more for manufacturing, public utilities, and retail trade); see source. Excludes govt., construction, and extractive industries and administrative, executive, and professional employees]

TYPE OF BENEFIT	PLANT WORKERS		OFFICE WORKERS	
	1971–1974[1]	1975–1977[2]	1971–1974[1]	1975–1977[2]
Retirement pension	78	79	85	86
Insurance plans:				
Life insurance	93	93	97	97
Hospitalization	95	96	97	99
Surgical	95	96	98	99
Medical	90	93	94	97
Major medical	74	81	93	96
Dental insurance	13	33	11	30
Sickness/accident insurance	63	60	46	45
Sick leave (full pay and no waiting period)	23	28	65	68
Sick leave (partial pay and/or waiting period)	13	12	9	10
Paid holidays: [3]				
No paid holidays	4	5	(Z)	(Z)
6 or more days	*89*	*89*	*97*	*98*
7 or more days	78	80	88	91
Paid holidays [3]—Con.				
8 or more days	66	70	78	82
9 or more days	*50*	*59*	*59*	*70*
10 or more days	26	43	35	50
11 or more days	13	20	20	26
12 or more days	8	12	9	14
Paid vacations: [4]				
2 weeks or more:				
After 1 year of service	32	37	80	83
After 5 years of service	*96*	*95*	*99*	*99*
3 weeks or more:				
After 5 years of service	21	27	28	37
After 10 years of service	74	79	87	90
After 15 years of service	86	87	94	95
4 weeks or more:				
After 15 years of service	29	40	29	43
After 20 years of service	61	66	71	78
After 25 years of service	67	69	76	81

Z Less than .5 percent. [1] Surveys conducted between July 1971 and June 1974 relate to 229 SMSA's.
[2] Surveys conducted between January 1975 and December 1977 relate to 262 SMSA's.
[3] Holidays provided annually. Represents half-day and full-day holidays combined.
[4] Such payments as percentages of annual earnings or flat-sum were converted to an equivalent-time basis.

Source: U.S. Bureau of Labor Statistics, Area Wage Surveys: Metropolitan Areas, United States and Regional Summaries, 1973-1974, and *1977,* Bulletin Nos. 1795-29 and 1950-77.

NO. 713. MEMBERSHIP IN LARGE UNIONS: 1968 TO 1978

[In thousands. AFL-CIO (except as noted) unions reporting 100,000 members or more in 1978 with headquarters in U.S. "Ind." = Independent or unaffiliated unions]

UNION	1968	1972	1976	1978
Teamsters (Ind.)	1,755	1,855	1,889	1,924
Automobile workers (Ind.)	1,473	1,394	1,358	1,499
Steelworkers [1 2]	1,352	1,400	1,300	1,286
State, County (AFSCME)	364	*529*	750	1,020
Electrical (IBEW)	897	957	924	1,012
Machinists	903	758	917	921
Carpenters	793	820	820	769
Retail clerks (RCIA)	552	633	699	736
Service employees (SEIU)	389	484	575	625
Laborers (LIUNA)	553	600	627	610
Communications workers	*357*	*443*	*483*	*508*
Clothing and textile workers [2 3]	569	539	502	501
Meat cutters [2 4]	500	529	510	500
Teachers (AFT)	165	249	446	500
Engineers, operating	350	402	420	412
Hotel and restaurant	459	458	432	404
Garment, ladies' (ILGWU)	455	428	365	348
Plumbers	*297*	*[5] 228*	*[5] 228*	*337*
Musicians	283	315	330	330
Mine workers (Ind.)	(NA)	213	277	308
Paperworkers [2 6]	328	389	300	284
Government (AFGE)	295	293	260	266
Electrical (IUE)	324	290	238	255
Postal workers [7]	[8] 166	239	252	246
Letter carriers	210	220	227	227
Government (NAGE) (Ind.)	(NA)	100	150	200
Railway, steamship clerks [9]	280	238	211	200
Rubber	204	183	211	200
Retail, wholesale	175	198	200	198
Painters	200	208	195	190
Oil, chemical workers	173	172	177	180
Firefighters	133	160	174	176
United transportation [10]	(NA)	248	265	176
Iron workers	168	176	179	175
Bakery, confectionery [11]	(NA)	146	135	167
Electrical (UE) (Ind.)	167	165	165	166
Sheet metal workers	140	153	153	159
Transit union	134	130	150	154
Boilermakers	140	132	145	146
Bricklayers	160	149	135	135
Transport workers	98	150	150	130
Printing and graphic (IPGCU)	(NA)	(NA)	109	120
Maintenance of way	125	142	119	119
Woodworkers	96	106	109	118
Office Employees (OPEIU)	76	83	99	105

NA Not available. [1] *Intl. Union of Mine, Mill, and Smelter Workers, and Intl. Union of District 50 merged with United* Steelworkers of America in 1967 and 1972, respectively. [2] Figures for all years represent the union as constituted after merger. [3] In 1976, Amalgamated Clothing Workers of America merged with Textile Workers Union of America to form Amalgamated Clothing and Textile Workers Union. [4] In 1968, United Packinghouse, Food and Allied Workers merged with Amalgamated Meat Cutters and Butcher Workmen of North America. [5] AFL-CIO per capita reports. [6] United Papermakers and Paperworkers merged with Intl. Brotherhood of Pulp, Sulphite, and Paper Mill Workers in 1972 to form United Paperworkers International Union. [7] American Postal Workers Union formed in 1971 by merger of the postal clerks union and 4 other unions. [8] Postal clerks only. [9] Includes Transportation-Communication Employees Union.
[10] *Merged with Brotherhood of Railroad Trainmen and three other railroad unions in 1969.* 1978 excludes retired members.
[11] American Bakery and Confectionery Workers Intl. Union and Bakery and Confectionery Workers' Intl. Union of America merged in 1969.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1975,* and unpublished data.

No. 714. Labor Union and Employee Association Membership: 1950 to 1978

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers retired, unemployed, in Armed Forces, or involved in work stoppages. Excludes single-firm and local unaffiliated unions; includes local unions directly affiliated with the AFL-CIO, except as noted. Employee associations are similar to unions. See also *Historical Statistics, Colonial Times to 1970*, series D 933-934 and D 946-951]

ITEM	Unit	1950	1955	1960	1965	1970	1972	1974	1976	1978
Number of unions, total	Number	[1] 209	199	184	[2] 191	185	177	175	175	174
Unions affiliated with AFL-CIO	Number	137	139	134	129	120	113	111	112	108
Union membership	**1,000**	**15,000**	**17,749**	**18,117**	**18,519**	**20,752**	**20,893**	**21,643**	**21,171**	**21,784**
AFL-CIO	1,000	12,400	16,062	15,072	15,604	15,978	16,507	16,938	16,699	17,024
Independent or unaffiliated unions	1,000	2,600	1,688	3,045	2,915	4,773	4,386	4,705	4,472	4,760
Male [3]	1,000	(NA)	(NA)	14,733	(NA)	16,408	16,315	16,985	16,481	16,636
Female [3]	1,000	(NA)	(NA)	3,304	(NA)	4,282	4,524	4,600	4,648	5,106
White-collar membership [3]	1,000	(NA)	[4] 2,463	2,192	(NA)	3,353	3,434	3,762	4,068	4,067
Percent of total membership	Percent	(NA)	[4] 13.6	12.2	(NA)	16.2	16.5	17.4	19.2	18.7
U.S. members [5]	1,000	14,267	16,802	17,049	17,299	19,381	19,435	20,199	19,634	20,246
Percent of total labor force	Percent	22.0	24.4	23.6	22.4	22.6	21.8	21.7	20.3	19.7
Percent of nonagric. employment	Percent	31.5	33.2	31.4	28.4	27.5	26.4	25.8	24.5	23.6
Canadian members of U.S. unions	1,000	733	947	1,068	1,220	1,371	1,458	1,444	1,537	1,538
Association membership [6]	**1,000**	(NA)	(NA)	(NA)	(NA)	**1,868**	**2,221**	**2,610**	**3,028**	**2,561**
Female membership	1,000	(NA)	(NA)	(NA)	(NA)	1,116	1,212	1,438	1,790	1,559
White-collar membership	1,000	(NA)	(NA)	(NA)	(NA)	1,564	1,768	2,119	2,605	2,185

NA Not available. [1] 1949 data. [2] 1966 data. [3] Excludes local unions directly affiliated with AFL-CIO. [4] 1956 data. [5] Excluding Canadians. [6] Covers professional and State employee associations engaged in collective bargaining in more than one State or in one State in two or more cities.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual; and *Directory of National Unions and Employee Associations, 1979*.

No. 715. Labor Union Membership—Total and Percent of Nonagricultural Employment, By States: 1964 to 1978

[Based on reports and estimates for national and local unions directly affiliated with AFL-CIO, and members in single firm and local unaffiliated unions. Excludes employee associations and membership outside U.S.]

STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT		STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT	
	1964	1970	1976	1978	1970	1978		1964	1970	1976	1978	1970	1978
U.S.	**17,188**	**19,757**	**19,874**	**20,459**	**28.0**	**23.6**	Mont.	63	60	60	67	29.8	24.1
							Nebr. [1]	78	86	87	92	17.8	15.3
Ala. [1]	151	204	229	257	20.2	19.2	Nev. [1]	49	66	69	80	32.5	22.9
Alaska	21	25	50	43	26.9	26.2	N.H.	44	45	43	48	17.3	13.3
Ariz. [1]	81	96	117	122	17.5	13.8	N.J.	814	768	697	683	29.4	23.0
Ark. [1]	112	95	102	109	17.8	15.0	N. Mex.	34	43	50	54	14.7	12.1
Calif.	1,888	2,137	2,148	2,184	30.8	23.7	N.Y.	2,507	2,555	2,538	2,753	35.7	39.2
Colo.	124	152	175	172	20.5	15.2	N.C. [1]	89	137	141	147	7.7	6.5
Conn.	244	290	309	296	24.2	21.9	N. Dak. [1]	21	28	26	34	17.2	14.7
Del.	36	48	49	52	22.5	21.7	Ohio	1,148	1,413	1,289	1,294	36.4	29.5
Fla. [1]	201	299	365	367	13.9	11.7	Okla.	86	124	126	138	16.1	13.5
Ga. [1]	150	251	261	271	16.1	13.6	Oreg.	198	218	221	232	30.7	23.1
Hawaii	50	82	129	120	27.9	32.1							
Idaho	32	38	41	47	18.3	14.3	Pa.	1,450	1,617	1,642	1,595	37.2	34.2
							R.I.	89	89	114	108	25.9	27.1
Ill.	1,394	1,548	1,451	1,497	35.8	31.5	S.C. [1]	52	81	68	76	9.6	6.7
Ind.	522	657	621	643	35.5	29.3	S. Dak. [1]	14	21	21	24	11.9	10.3
Iowa [1]	150	186	192	212	21.1	19.2	Tenn. [1]	184	274	288	303	20.6	17.7
Kans. [1]	109	112	125	117	16.5	12.8	Tex. [1]	370	523	563	575	14.4	11.0
Ky.	187	250	275	274	27.5	22.4	Utah [1]	58	75	62	68	20.9	13.0
La.	147	193	[1] 213	[1] 227	18.5	16.0	Vt.	22	24	30	33	16.2	17.5
Maine	57	61	67	74	18.4	18.3	Va. [1]	179	245	252	258	16.7	12.7
Md. [2]	352	463	440	458	23.4	21.0	Wash.	367	434	453	496	40.2	33.1
Mass.	572	573	570	611	25.1	24.4	W. Va.	192	221	232	226	42.8	36.8
Mich.	962	1,195	1,165	1,223	39.8	34.6	Wis.	400	482	506	522	31.5	27.8
Minn.	339	378	385	411	28.7	24.4	Wyo. [1]	19	19	25	28	17.4	14.9
Miss. [1]	53	76	87	103	13.2	12.4	Unallocated	181	108	133	60	(X)	(X)
Mo.	546	594	572	578	35.7	30.0							

X Not applicable. [1] State has a right-to-work law. [2] Includes District of Columbia.

Source: U.S. Bureau of Labor Statistics, *Directory of National and International Labor Unions in the United States, 1965*, and *Directory of National Unions and Employee Associations, 1971, 1977, and 1979*.

NO. 716. NATIONAL UNIONS—NUMBER AND MEMBERS, BY INDUSTRY: 1970 AND 1978

[See headnote, table 714. Excludes employee associations and local unions directly affiliated with the AFL–CIO]

INDUSTRY GROUP	NUMBER, ALL UNIONS [1]		NUMBER, AFL–CIO UNIONS [1]		MEMBERS, ALL UNIONS [2] (1,000)		MEMBERS, AFL–CIO [2] UNIONS (1,000)		PERCENT MEMBERS, 1978	
	1970	1978	1970	1978	1970	1978	1970	1978	All	AFL–CIO
All unions	**185**	**174**	**120**	**108**	**20,689**	**21,742**	**15,916**	**16,982**	**100.0**	**100.0**
Manufacturing [3]	**100**	**94**	**73**	**64**	**9,173**	**8,119**	**6,666**	**6,119**	**37.3**	**36.0**
Food and kindred products [4]	25	24	17	16	905	595	588	575	2.7	3.4
Tobacco manufactures	8	4	5	3	38	37	37	37	.2	.2
Textile mill products	10	11	4	7	191	156	177	149	.7	.9
Apparel and related products	16	15	11	11	852	683	836	667	3.1	3.9
Lumber and wood products [5]	13	18	8	14	215	262	208	260	1.2	1.5
Furniture and fixtures	17	10	13	8	214	174	187	160	.8	.9
Paper and allied products	20	21	12	17	453	389	391	364	1.8	2.1
Printing, publishing, allied industries	18	18	15	13	370	281	357	270	1.3	1.6
Chemicals and allied products	26	25	19	15	362	219	151	201	1.0	1.2
Petroleum refining and related ind	12	13	7	10	79	77	69	73	.4	.4
Rubber and misc. plastics products	19	24	13	19	271	269	248	253	1.2	1.5
Leather and leather products	13	15	10	13	140	119	134	118	.5	.7
Stone, clay, glass, concrete products	22	22	17	19	284	293	234	277	1.3	1.6
Primary metals industries	16	13	11	12	787	774	667	688	3.6	4.1
Fabricated metal products	33	29	21	19	917	613	719	438	2.8	2.6
Machinery, except electrical	23	18	16	13	550	670	278	411	3.1	2.4
Electrical machinery equipment, supplies	19	15	11	9	1,033	715	793	492	3.3	2.9
Transportation equipment	21	13	15	10	1,109	1,110	291	306	5.1	1.8
Nonmanufacturing [3]	**104**	**96**	**73**	**70**	**9,198**	**9,998**	**7,390**	**7,811**	**46.0**	**46.0**
Mining and quarrying [6]	15	14	8	10	368	428	154	149	2.0	.9
Contract construction [7]	28	29	21	23	2,576	2,884	2,476	2,711	13.3	16.0
Transportation	44	31	34	26	2,441	1,748	1,425	1,254	8.0	7.4
Telephone and telegraph	10	7	7	6	533	547	483	547	2.5	3.2
Electric, gas, sanitary services	17	15	12	14	312	356	268	353	1.6	2.1
Wholesale and retail trade	24	21	15	13	1,549	1,713	1,315	1,059	7.9	6.2
Service industries	48	47	31	29	1,286	1,824	1,166	1,548	8.4	9.1
Government	**60**	**62**	**34**	**39**	**2,318**	**3,626**	**1,860**	**3,052**	**16.7**	**18.0**
Federal	56	51	31	30	1,370	1,596	927	1,179	7.3	6.9
State and local	19	47	16	30	948	2,030	933	1,873	9.3	11.0

[1] *Nonadditive; many unions have membership in more than one industry group.* [2] Membership computed by applying reported percentages to total membership, including that outside the U.S. [3] Includes industries not shown separately. [4] Includes beverages. [5] Except furniture. [6] Includes crude petroleum and natural gas production. [7] Building and special trade.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1971 and 1979.*

NO. 717. LABOR UNIONS—FINANCIAL SUMMARY, BY TYPE OF UNION: 1966 TO 1978

[For **fiscal years** ending during **year shown.** Data from annual financial reports of labor organizations filed with Department of Labor under provisions of Labor-Management Reporting and Disclosure Act of 1959 (LMRDA) which covers substantially all labor unions in the United States, except those which are State or local central bodies. Classification by type is based mainly on union's self-classification in filed reports]

YEAR AND TYPE OF UNION	Total number of unions	NUMBER OF UNIONS, BY SIZE OF RECEIPTS					Assets (mil. dol.)	Liabilities (mil. dol.)	Receipts (mil. dol.)	Disbursements (mil. dol.)
		Under $10,000	$10,000–$49,999	$50,000–$99,999	$100,000–$999,999	$1,000,000 and over				
1966, total	**52,272**	**32,617**	**13,151**	**3,074**	**3,239**	**191**	**2,157**	**143**	[1]	[1]
National unions	207	21	22	16	62	86	995	47	726	695
Intermediate bodies	2,729	1,376	853	235	245	20	147	21	190	184
Local unions	49,336	31,220	12,276	2,823	2,932	85	1,015	75	1,298	1,250
1970, total	**49,345**	**29,245**	**13,031**	**3,021**	**3,777**	**271**	**2,574**	**254**	[1]	[1]
National unions	210	23	27	15	54	91	1,063	127	1,380	1,344
Intermediate bodies	2,596	1,200	728	275	351	42	199	23	260	252
Local unions	46,539	28,022	12,276	2,731	3,372	138	1,312	104	1,857	1,804
1975, total [2]	**56,628**	**36,024**	**11,844**	**3,397**	**4,893**	**470**	**3,844**	**563**	[1]	[1]
National unions	211	15	18	16	56	106	1,757	383	1,820	1,829
Intermediate bodies	2,844	1,414	627	250	478	75	276	50	432	436
Local unions	53,573	34,595	11,199	3,131	4,359	289	1,811	130	2,728	2,329
1978, total, [2] **(prel)**	**48,877**	**29,353**	**10,636**	**3,371**	**4,977**	**540**	**3,903**	**638**	[1]	[1]
National unions	185	17	10	12	50	96	1,843	427	2,151	2,099
Intermediate bodies	2,438	1,067	555	260	470	86	240	43	432	410
Local unions [3]	46,254	28,269	10,071	3,099	4,457	358	1,820	168	2,524	2,432

[1] Components not additive; contain duplication. [2] Includes Postal Employee Unions. [3] Includes approximately 8,860 unions in 1978, which have no receipts, disbursements, assets or liabilities.

Source: U.S. Office of Labor-Management Standards Enforcement, *Union Financial Statistics, 1960–1970,* and unpublished data.

No. 718. Work Stoppages: 1960 to 1978

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics, Colonial Times to 1970*, series D 970-976]

Year	Work stoppages		Workers involved		Worker-days idle during year		
	Number beginning in year	Average duration (calendar days)	Number[1] (1,000)	Percent of total employed[2]	Number (1,000)	Percent of estimated working time[3]	Per worker involved
1960	3,333	23.4	1,320	2.4	19,100	.14	14.5
1965	3,963	25.0	1,550	2.5	23,300	.15	15.1
1967	4,595	22.8	2,870	4.3	42,100	.25	14.7
1968	5,045	24.5	2,649	3.8	49,018	.28	18.5
1969	5,700	22.5	2,481	3.5	42,869	.24	17.3
1970	5,716	25.0	3,305	4.7	66,414	.37	20.1
1971	5,138	27.0	3,280	4.6	47,589	.26	14.5
1972	5,010	24.0	1,714	2.3	27,066	.15	15.8
1973	5,353	24.0	2,251	2.9	27,948	.14	12.4
1974	6,074	27.1	2,778	3.5	47,991	.24	17.3
1975	5,031	26.8	1,746	2.2	31,237	.16	17.9
1976	5,648	28.0	2,420	3.0	37,859	.19	15.6
1977	5,506	29.3	2,040	2.4	35,822	.17	17.6
1978	4,230	33.2	1,623	1.9	36,922	.17	22.8

[1] Workers counted more than once if involved in more than 1 stoppage during year. [2] In 1967, total employed workers was redefined to coincide with U.S. Bureau of Labor Statistics figures for nonagricultural employment, plus agricultural wage and salaried workers. Idleness computed on this basis is lower than the former series.
[3] Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

No. 719. Work Stoppages, by States: 1977 and 1978

[See headnote, table 718. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and days idle are allocated among the appropriate States]

State	Work stoppages		Workers involved[1] (1,000)		Days idle during year (1,000)	
	1977	1978	1977	1978	1977	1978
U.S.	**5,506**	**4,230**	**2,040**	**1,623**	**35,822**	**36,923**
N. Eng.:						
Maine	15	24	3	7	52	214
N.H	7	15	1	3	6	61
Vt	6	11	1	1	3	12
Mass	109	117	25	25	707	331
R.I	20	36	3	7	15	75
Conn	65	55	14	8	293	239
Mid. Atl.:						
N.Y	370	328	67	111	1,060	2,084
N.J	212	219	39	51	790	556
Pa	620	480	229	155	3,113	4,064
E. No. Cent.:						
Ohio	556	441	219	141	3,574	3,757
Ind	234	211	95	62	1,612	1,497
Ill	420	341	197	136	2,246	3,037
Mich	327	300	98	94	1,717	1,757
Wis	119	110	59	28	1,132	573
W. No. Cent.:						
Minn	100	91	22	35	1,366	775
Iowa	98	47	30	13	652	166
Mo	148	92	43	39	869	701
N. Dak	5	5	1	3	11	17
S. Dak	7	3	1	1	45	7
Nebr	16	14	4	14	390	79
Kans	28	21	8	15	176	120
So. Atl.:						
Del	20	23	4	9	41	139
Md	43	46	12	14	126	231
D.C	14	26	2	6	35	64
So. Atl.—Con.						
Va	147	69	62	35	755	1,291
W. Va	445	142	240	36	2,549	3,393
N.C	22	31	7	12	141	125
S.C	5	21	1	10	15	69
Ga	58	40	23	24	546	203
Fla	56	50	11	20	429	228
E. So. Cent.:						
Ky	164	102	70	63	1,221	2,093
Tenn	98	91	24	40	863	749
Ala	138	69	65	22	1,059	1,069
Miss	22	29	4	12	133	202
W. So. Cent.:						
Ark	24	28	4	9	70	121
La	26	38	7	21	141	236
Okla	40	23	4	10	103	262
Tex	107	91	40	52	1,084	636
Mt.:						
Mont	29	19	10	8	117	56
Idaho	13	15	4	5	189	41
Wyo	2	5	(Z)	9	92	125
Colo	47	37	8	17	185	186
N. Mex	17	21	4	9	55	224
Ariz	27	31	14	20	304	318
Utah	20	11	11	5	205	205
Nev	18	11	6	3	82	44
Pac.:						
Wash	111	94	61	41	1,417	1,471
Oreg	78	44	24	20	358	570
Calif	409	296	144	124	2,911	2,295
Alaska	11	12	3	2	102	58
Hawaii	8	18	15	12	666	100

Z Fewer than 500. [1] Workers counted more than once if involved in more than 1 stoppage during year.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

No. 720. Work Stoppages—Major Issues, Duration, and Industry: 1976 to 1978

[Issues and industries data based on stoppages beginning in year; duration data on stoppages ending in year. See headnote, table 718. Stoppages affecting more than 1 industry are counted separately in each industry affected; workers involved and work-days idle are allocated among the appropriate industries. See *Historical Statistics, Colonial Times to 1970*, series D 977-1021, for related but not comparable data]

Major issues, duration, and industry group	Work stoppages			Workers involved [1] (1,000)			Work days idle (1,000)		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
MAJOR ISSUES									
All issues	**5,648**	**5,506**	**4,230**	**2,420**	**2,040**	**1,623**	**37,859**	**35,822**	**36,922**
General wage changes	2,857	3,135	2,751	1,211	900	836	23,779	21,695	19,341
Supplementary benefits	53	78	62	10	23	19	189	454	272
Wage adjustments	142	141	128	52	65	59	562	1,625	581
Hours of work	6	15	16	2	3	5	57	85	261
Other contractual matters	142	276	199	19	72	40	338	1,351	721
Union organization and security	325	252	272	127	41	39	2,455	955	762
Job security	317	211	127	402	100	389	7,187	1,709	4,027
Plant administration	1,290	1,002	506	489	697	172	2,777	7,249	10,612
Other working conditions	185	137	56	50	63	31	178	339	182
Interunion or intraunion matters	285	246	100	55	77	33	288	335	152
Not reported	46	13	13	3	1	1	50	25	9
DURATION									
All stoppages	**5,654**	**5,535**	**4,250**	**2,421**	**1,860**	**1,780**	**38,107**	**31,905**	**39,752**
1 day	1,113	730	383	342	173	97	342	173	97
2-3 days	672	617	366	464	184	105	995	351	219
4-6 days	564	549	446	227	200	239	682	706	841
7-14 days	893	975	792	332	307	276	2,254	1,957	1,812
15-29 days	842	1,014	858	309	354	198	3,683	4,864	2,892
30-59 days	769	885	706	321	395	177	6,857	7,698	5,027
60-89 days	370	350	308	265	123	415	8,501	5,147	6,386
90 days and over	431	415	391	160	184	274	14,793	11,010	22,479
INDUSTRY GROUP									
All industries	**5,648**	**5,506**	**4,230**	**2,420**	**2,040**	**1,623**	**37,859**	**35,822**	**36,922**
Manufacturing	**2,245**	**2,537**	**2,121**	**975**	**788**	**568**	**24,263**	**18,331**	**15,602**
Ordnance and accessories	1	3	3	1	2	2	42	46	88
Food and kindred products	227	221	171	90	54	33	1,848	1,501	558
Tobacco manufactures	1	6	2	(Z)	7	(Z)	3	168	1
Textile mill products	36	40	41	8	4	14	115	86	341
Apparel and other finished products, etc.	47	65	40	12	10	6	231	183	137
Lumber, wood products (exc. furniture)	69	78	69	11	20	13	429	341	271
Furniture and fixtures	73	93	60	10	11	9	267	203	297
Paper and allied products	95	82	102	23	24	40	479	508	2,178
Printing, publishing, and allied industries	54	57	37	13	10	25	225	241	794
Chemicals and allied products	129	111	113	29	19	17	1,117	636	633
Petroleum refining and related industries	17	23	21	1	6	6	19	172	88
Rubber and misc. plastics products	120	88	89	93	15	17	6,082	343	362
Leather and leather products	12	19	8	3	7	2	55	259	43
Stone, clay, and glass products	146	139	133	28	45	20	613	988	469
Primary metal industries	197	239	187	55	91	45	1,304	2,167	1,378
Fabricated metal products [2]	309	354	360	64	57	60	1,632	1,466	1,683
Machinery (except electrical)	309	451	277	145	140	84	2,722	3,267	2,160
Electrical machinery, equip., and supplies	204	199	190	135	76	79	2,236	1,076	1,210
Transportation equipment	130	189	149	238	172	82	4,323	4,176	2,447
Instruments and related products	29	39	33	5	9	10	128	216	290
Miscellaneous manufacturing industries	60	48	36	11	10	6	394	288	176
Nonmanufacturing	**3,406**	**2,970**	**2,110**	**1,446**	**1,252**	**1,055**	**13,596**	**17,486**	**21,320**
Agriculture, forestry, and fisheries	10	10	14	2	1	2	14	24	35
Mining	1,425	999	275	515	676	114	2,220	7,281	10,261
Contract construction	503	486	385	172	218	169	3,240	3,284	2,272
Transportation, communication, etc	354	303	259	386	56	395	3,461	2,157	4,453
Wholesale and retail trade	467	486	445	56	86	117	1,311	1,988	1,758
Finance, insurance, real estate	27	23	21	25	3	7	273	97	133
Services—personal, business, etc	243	250	232	107	42	56	1,384	890	701
Government	378	413	481	181	170	194	1,691	1,766	1,707

Z Fewer than 500. [1] See footnote 1, table 718.
[2] Except ordnance, machinery, and transportation equipment.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

No. 721. State and Local Governments—Full-Time Employment, Organized Employees, and Work Stoppages, 1975 to 1978, and by Function, 1978

[For **October**, except as noted]

ITEM	1975, total	1976, total	1977, total	1978							
				Total [1]	Education			Highways	Hospitals	Police and fire protection	Public welfare
					Total	Instructional	Other				
Full-time employees (1,000):											
Total	9,397	9,514	9,861	9,948	4,676	3,040	1,636	545	979	760	352
State	2,540	2,596	2,677	2,736	852	288	564	257	516	71	167
Local	6,857	6,919	7,185	7,212	3,825	2,752	1,072	287	464	690	185
Membership in employee organizations (1,000): [2]											
Total	4,702	4,737	4,711	4,788	2,610	1,988	622	242	375	452	144
Percent of full-time employees	49.9	48.5	47.8	48.1	55.8	65.4	38.0	44.4	38.3	59.4	40.9
State	1,005	992	1,009	1,043	246	102	144	134	245	34	64
Local	3,697	3,745	3,701	3,745	2,364	1,886	478	108	130	417	80
Work stoppages (number): [3] [4]											
Total	490	377	485	488	360	207	153	56	17	64	17
State	36	27	33	27	13	5	8	1	6	2	2
Local	454	350	452	461	347	202	145	55	11	62	15
Employees involved in work stoppages (1,000): [3]											
Total	316	167	179	178	117	87	30	4	3	11	4
State	71	28	35	10	6	2	4	–	1	–	–
Local	245	139	144	169	110	84	26	4	2	11	4
Days of idleness (1,000): [3]											
Total	2,421	1,654	1,458	3,542	1,904	1,599	1,158	398	77	366	233
State	290	124	184	151	84	37	79	1	12	2	4
Local	2,130	1,529	1,274	3,391	1,820	1,562	1,079	397	65	364	229

– Represents zero. [1] Includes other functions, not shown separately. [2] Full-time employees only. [3] Represents period from October 16 of previous year to October 15 of year stated. [4] Contains duplication; each work stoppage is counted separately for each function affected, but only once in the total work stoppages.

Source: U.S. Bureau of the Census, *Labor-Management Relations in State and Local Governments: 1975, 1976,* and *1978,* series GSS Nos. 81, 88, and 95, 1977 *Census of Governments,* vol. 3, No. 3.

No. 722. Workers Killed or Disabled on the Job, 1945 to 1978, and by Industry Group, 1978

[Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Disabling injuries [2] (1,000)
	Total		Manufacturing		Nonmanufacturing		
	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	
1945	16.5	33	2.7	18	13.8	39	2,000
1950	15.5	27	2.6	17	12.9	31	1,950
1955	14.2	24	2.0	12	12.2	29	1,950
1960	13.8	21	1.8	10	12.1	25	1,950
1965	14.1	20	1.8	10	12.3	24	2,100
1970	13.8	17	1.7	9	12.1	20	2,200
1971	13.7	17	1.7	9	12.0	20	2,300
1972	14.0	17	1.7	9	12.3	19	2,400
1973	14.3	17	1.8	9	12.5	19	2,500
1974	13.5	16	1.7	8	11.8	18	2,300
1975	13.0	15	1.6	9	11.4	17	2,200
1976	12.5	14	1.7	9	10.8	16	2,200
1977	12.9	14	1.8	9	11.1	16	2,300
1978	13.0	14	1.8	9	11.2	15	2,200

YEAR AND INDUSTRY GROUP	DEATHS		Disabling injuries [2] (1,000)
	Number (1,000)	Rate [1]	
1978, total	13.0	14	2,200
Trade	1.3	6	400
Manufacturing	1.8	9	490
Service	1.7	7	360
Government	1.7	11	310
Transportation and utilities	1.5	29	170
Agriculture	1.9	54	190
Construction	2.6	57	240
Mining and quarrying	.5	63	40

[1] Per 100,000 workers. [2] Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury.

Source: National Safety Council, Chicago, Ill., *Accident Facts,* annual.

No. 723. Occupational Injury and Illness Incidence Rates, Selected Industries: 1975 to 1978

[Rates per 100 full-time employees. For nonfarm employment data, see table 692. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year) divided by total hours worked by all employees during year. Based on the 1972 *Standard Industrial Classification Manual*]

INDUSTRY	TOTAL CASES[1]			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS		
	1975	1977	1978	1975	1977	1978	1975	1977	1978	1975	1977	1978
Private sector[2]	**9.1**	**9.3**	**9.4**	**3.3**	**3.8**	**4.1**	**5.8**	**5.5**	**5.3**	**56.2**	**61.6**	**63.5**
Agriculture, forestry, fishing[2]	**10.5**	**11.5**	**11.6**	**4.4**	**5.1**	**5.4**	**6.0**	**6.3**	**6.2**	**70.9**	**81.1**	**80.7**
Mining	**11.0**	**10.9**	**11.5**	**5.6**	**6.0**	**6.4**	**5.4**	**4.9**	**5.0**	**110.6**	**128.8**	**143.2**
Metal mining	6.5	7.4	10.0	4.4	4.5	5.4	2.1	2.8	4.6	69.2	83.9	113.9
Anthracite mining	*28.4*	*21.6*	*19.6*	*10.2*	*10.6*	*11.5*	*18.1*	*10.6*	*8.0*	*211.3*	*237.6*	*310.5*
Bituminous coal and lignite	10.8	12.4	10.1	6.4	7.8	7.3	4.3	4.5	2.7	101.5	167.1	170.3
Oil and gas extraction	14.0	12.9	13.9	6.2	6.3	6.9	7.7	6.5	6.9	149.1	143.7	154.4
Nonmetallic minerals exc. fuels	6.0	5.1	6.9	3.5	3.3	4.1	2.4	1.8	2.7	45.6	58.0	86.0
Construction	**15.9**	**15.5**	**16.0**	**5.5**	**5.9**	**6.4**	**10.4**	**9.6**	**9.6**	**100.2**	**111.5**	**109.4**
General building contractors	15.5	15.0	15.9	5.3	5.7	6.3	10.2	9.3	9.6	91.7	100.2	105.3
Heavy construction contractors	17.1	16.0	16.6	5.9	5.7	6.2	11.2	10.2	10.3	113.6	116.7	110.9
Special trade contractors	15.5	15.6	15.8	5.4	6.1	6.6	10.1	9.5	9.2	98.7	115.5	111.0
Manufacturing	**13.0**	**13.1**	**13.2**	**4.5**	**5.1**	**5.6**	**8.5**	**8.0**	**7.6**	**75.8**	**82.3**	**84.9**
Durable goods	14.2	14.0	14.2	4.8	5.4	5.9	9.4	8.6	8.3	81.1	86.4	89.1
Lumber and wood products	21.0	22.3	22.6	8.5	10.4	11.1	12.5	11.9	11.5	156.7	178.0	178.8
Furniture and fixtures	15.9	17.2	17.5	5.1	6.0	6.9	10.8	11.2	10.6	80.8	92.0	95.9
Stone, clay, and glass products	16.0	16.9	16.8	5.9	6.9	7.8	10.1	9.9	9.0	108.5	120.4	126.3
Primary metal industries	17.0	16.2	17.0	6.1	6.8	7.5	10.9	9.4	9.5	114.3	119.4	123.6
Fabricated metal products	19.1	19.1	19.3	6.6	7.2	8.0	12.5	11.9	11.3	104.3	109.0	112.4
Machinery, exc. electric	14.9	14.0	14.4	4.6	4.7	5.4	10.3	9.3	9.0	68.9	69.9	75.1
Electric and electronic equipment	8.5	8.6	8.7	2.5	3.0	3.3	6.0	5.6	5.4	41.9	46.7	50.3
Transportation equipment	12.4	11.8	11.5	4.5	5.0	5.1	8.0	6.8	6.3	76.5	79.3	76.0
Instruments and related products	6.9	7.0	6.9	2.1	2.4	2.6	4.8	4.6	4.3	36.7	37.4	37.0
Miscellaneous	11.3	11.5	11.8	3.6	4.0	4.5	7.7	7.5	7.3	58.0	58.7	66.4
Nondurable goods	11.4	11.8	11.8	4.1	4.7	5.0	8.8	7.1	6.8	66.7	76.3	78.4
Food and kindred products	18.3	19.5	19.4	7.3	8.5	8.9	11.0	11.0	10.5	113.6	130.1	132.2
Tobacco manufactures	10.3	9.1	8.7	3.9	3.8	4.0	6.4	5.3	4.6	56.4	66.7	58.6
Textile mill products	10.2	10.2	10.2	2.5	2.9	3.4	7.7	7.3	6.8	48.9	57.4	61.5
Apparel and other textile products	6.0	6.7	6.5	1.6	2.0	2.2	4.3	4.7	4.3	27.5	31.7	32.4
Paper and *allied products*	13.3	13.6	13.5	4.1	5.0	5.7	9.1	8.5	7.8	85.6	101.6	103.3
Printing and publishing	6.7	6.8	7.0	2.4	2.7	2.9	4.3	4.1	4.1	38.7	41.7	43.8
Chemicals and allied products	8.4	8.0	7.8	2.9	3.1	3.3	5.5	4.9	4.5	48.9	51.4	50.9
Petroleum and coal products	9.0	8.1	7.9	3.1	3.3	3.4	5.8	4.8	4.5	65.3	59.2	58.3
Rubber and misc. plastics products	15.7	16.8	17.1	6.7	7.6	8.1	9.0	9.1	9.0	113.3	118.1	125.5
Leather and leather products	11.2	11.5	11.7	3.8	4.4	4.7	7.4	7.1	6.9	55.3	68.9	72.5
Transportation, public utilities	**9.4**	**9.7**	**10.1**	**4.7**	**5.3**	**5.7**	**4.7**	**4.3**	**4.3**	**88.9**	**95.9**	**102.3**
Railroad transportation	8.5	10.8	12.0	4.9	6.6	7.6	3.6	4.2	4.3	78.3	89.4	99.6
Local passenger transit[3]	8.4	8.4	8.7	4.2	4.6	4.7	4.1	3.7	4.0	80.8	92.1	84.9
Trucking and warehousing	14.8	15.0	16.2	7.5	8.3	9.4	7.2	6.6	6.8	144.9	158.9	177.1
Water transportation	15.8	14.4	14.4	8.2	7.4	7.8	7.6	6.9	6.6	294.1	292.5	272.1
Air transportation	14.9	14.0	13.4	7.4	8.0	8.4	7.5	5.9	4.9	84.7	97.2	95.8
Pipelines, except natural gas	4.7	5.0	4.7	1.6	2.0	1.9	3.0	3.0	2.8	79.3	32.4	29.3
Transportation services	6.2	5.5	5.5	2.9	2.5	2.7	3.3	3.0	2.8	53.9	39.5	41.7
Communication	3.0	2.8	2.7	1.5	1.6	1.5	1.5	1.2	1.2	31.9	30.2	28.7
Electric, gas, sanitary services	9.3	9.0	9.0	3.7	4.2	4.4	5.6	4.8	4.6	68.5	69.0	76.5
Wholesale and retail trade	**7.3**	**7.7**	**7.9**	**2.6**	**2.9**	**3.2**	**4.7**	**4.8**	**4.7**	**39.5**	**44.0**	**44.9**
Wholesale trade	8.2	8.5	8.9	3.2	3.6	3.9	5.0	4.9	5.0	49.5	52.5	57.5
Retail trade	7.0	7.4	7.5	2.4	2.7	2.8	4.6	4.7	4.7	35.2	40.5	39.7
Finance, insurance, real estate[4]	**2.2**	**2.0**	**2.1**	**.8**	**.8**	**.8**	**1.4**	**1.2**	**1.2**	**10.8**	**10.4**	**12.5**
Banking	1.8	1.5	1.5	.6	.6	.6	1.2	.9	.9	9.0	6.6	7.4
Security, commodity brokers	1.0	1.1	.8	.4	.5	.3	.6	.6	.5	5.5	4.0	4.6
Insurance carriers	1.7	1.7	1.9	.6	.7	.7	1.1	1.0	1.2	8.2	8.6	12.1
Real estate	5.0	4.7	4.9	1.9	2.0	2.2	3.1	2.6	2.6	28.7	28.7	33.6
Services[4]	**5.5**	**5.5**	**5.5**	**2.0**	**2.2**	**2.4**	**3.5**	**3.3**	**3.1**	**32.6**	**35.4**	**36.2**
Hotels and other lodgings	8.2	8.9	9.2	2.6	3.2	3.6	5.6	5.7	5.6	45.0	47.3	51.5
Personal services	3.3	3.6	3.5	1.3	1.6	1.5	2.0	2.0	1.9	20.8	29.8	28.1
Business services	5.0	4.8	4.9	2.0	2.0	2.2	3.0	2.8	2.7	32.9	31.9	34.9
Auto repair, services, and garages	9.0	7.6	8.2	3.4	3.1	3.4	5.6	4.5	4.8	66.1	43.5	42.2
Amusement, recreation services	8.6	10.1	8.4	2.8	4.9	3.7	5.7	5.1	4.7	40.0	56.4	46.7
Health services	6.8	6.9	6.8	2.5	2.8	3.0	4.3	4.1	3.7	40.3	46.7	48.1
Educational services	3.5	3.2	3.2	1.4	1.2	1.3	2.0	2.0	1.9	20.7	20.3	19.5
Membership organizations	3.0	(S)	(S)	1.1	(S)	(S)	1.9	(S)	(S)	17.6	(S)	(S)
Miscellaneous services	2.3	2.2	1.9	.7	.9	.7	1.6	1.3	1.2	8.8	15.2	10.3

S Data do not meet publication guidelines. [1] "Cases" represents occurrences. Includes fatalities for all employers. For employers with 11 or more employees, following are the estimated fatalities: for 1975, 4,570; 1977, 4,760; 1978, 4,590. [2] Excludes farms with fewer than 11 employees. [3] Includes interurban. [4] Includes categories not shown separately.

Source: U.S. Bureau of Labor Statistics. *Occupational injuries and illnesses in the United States by Industry*, annual.

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Section 14

Income, Expenditures, and Wealth

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross savings and investment is the *Survey of Current Business,* published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). Detailed historical data and a discussion of the conceptual framework of NIPA and of the statistical sources and methods used to derive the estimates appear in *The National Income and Product Accounts of the United States, 1929-74,* a Supplement to the *Survey of Current Business,* and Part I of the January 1976 issue of the *Survey.* Detailed data for most recent years are published each July in the *Survey.*

Sources of income distribution data are the decennial censuses of population and the Current Population Survey, both products of the Bureau of the Census (see text, page 1). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income,* series P-60.

Data on individuals' saving and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts;* and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *Statistics of Income,* Supplemental Report, *Personal Wealth.*

National income and product. *Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values (estimates of "income in kind"), the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (such as sales and excise taxes); see table 732. *Gross domestic product* is GNP minus gross product originating outside the U.S.

National income is the aggregate of labor and property earnings which arises in the current production of goods and services by the Nation's economy. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings include direct taxes on earnings.

Capital consumption adjustment for corporations and nonfarm sole proprietorships and partnerships is the difference between capital consumption (i.e., depreciation charges and accidental damage to fixed business capital) claimed on income tax returns and capital consump-

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tion allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

Personal income is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions, private trust funds, and private noninsured health and welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits, military pensions, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current Population Reports,* series P-60. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income" (see above). Money income is income before the deduction of income taxes and social security taxes unless otherwise specified in the individual tables. *Nonmoney items of income,* such as wages received in kind, the value of food and fuel produced and consumed on farms, the net rental value of owner-occupied homes, the property income received by life insurance companies, and the value of the services of banks and other financial intermediaries rendered to persons without the assessment of specific charges, *are not included.* None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

In 1976, the method of collecting and processing money income data for 1975 and later years was revised. Data for 1974 were reprocessed to make 1974 and 1975 data comparable. The revised 1974 data showed an *overall* decrease in the estimate of persons living in poverty by 3.7 percent (24.3 to 23.4 million) and an increase in the estimate of median family income by .5 percent ($12,836 to $12,902). Differences within most subgroups, however, were more pronounced. For example, money income for families of Black and other races (excluding White) increased by 3.8 percent (see tables 744 and 773).

Poverty.—Unless otherwise specified, poverty level statistics represent measures of *money income* and are based on a "poverty index" first developed by the Social Security Administration (SSA) in 1964 and modified by a Federal Interagency Committee in 1969. At the core of this index is the 1961 Economy Food Plan designed by the Department of Agriculture. This index provides a range of income cutoffs or "poverty income thresholds" adjusted by such factors as family size, sex and age of the family head, number of children under age 18, and farm-nonfarm residence. Until 1969, annual revisions of these levels were based on price changes of items in the economy food plan. In 1969, two changes were made: (1) SSA levels for nonfarm families were retained for the base year 1963, but annual adjustments in the levels were to be based on changes in the Consumer Price Index rather than on economy food plan costs, and (2) farm levels were raised from 70 to 85 percent of the corresponding nonfarm level.

Personal and national wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Esti-

mates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. Net worth is one's level of worth after all debts have been removed.

The national wealth data shown in table 790 are intended chiefly to indicate the order of magnitude involved and to permit rough comparisons among types of wealth and of the growth over long periods. Definitions and analytical details are presented in the source publication.

Current and constant dollars.—Figures in a number of tables in this section are expressed in both current dollars and constant dollars. Current dollar figures reflect prices prevailing during the specified period. Constant dollar figures are values which do not include the effect of price changes and are derived from price indexes based on a specified period. The constant dollar values may be obtained by dividing current dollar values for a given period by related price indexes for the same period.

The implicit price deflator for GNP is the ratio of GNP in current dollars to GNP in constant dollars. The money income statistics are deflated by means of the consumer price index prepared by the Bureau of Labor Statistics; see text, Section 15, page 475.

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

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

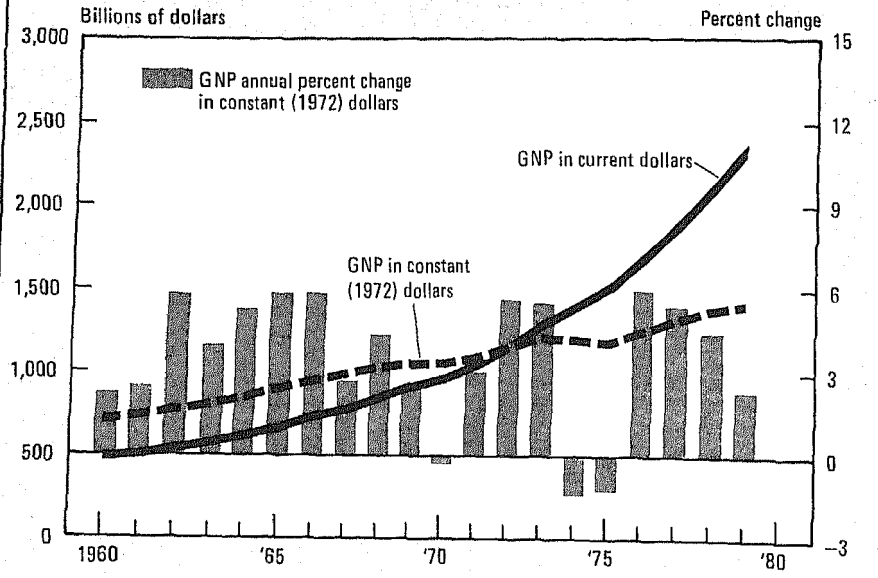
NO. 724. GROSS NATIONAL PRODUCT—SUMMARY: 1929 TO 1979

[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. Minus sign (–) denotes decline. See *Historical Statistics, Colonial Times to 1970,* series F 1 and F 32-70, for single-year figures prior to minor revisions issued in 1976]

YEAR	Gross national product	Personal consumption expenditure	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	BY MAJOR TYPE OF PRODUCT			BY SECTOR			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929	103.4	77.3	16.2	1.1	8.8	56.1	35.9	11.4	95.4	2.9	4.3	.8
1930	90.7	69.9	10.2	1.0	9.5	47.0	34.5	9.2	82.8	2.7	4.5	.7
1933	55.8	45.8	1.4	.4	8.2	27.0	25.9	2.9	49.1	1.7	4.7	.3
1940	100.0	71.0	13.1	1.7	14.2	56.0	35.7	8.3	89.4	2.4	7.8	.4
1945	212.3	119.5	10.6	–.6	82.8	128.9	76.9	6.5	172.8	4.1	35.2	.3
1950	286.2	192.0	53.8	1.9	38.5	162.4	88.2	35.6	257.5	6.4	20.9	1.3
1955	399.3	253.7	68.4	2.2	75.0	214.5	135.3	49.5	354.0	9.1	34.2	2.0
1960	506.0	324.9	76.4	4.4	100.3	254.3	193.2	58.4	442.5	13.8	47.1	2.5
1965	688.1	430.2	112.0	7.6	138.4	336.6	272.7	78.8	596.6	19.2	67.6	4.7
1970	982.4	618.8	140.8	3.9	218.9	456.2	424.6	101.6	831.5	31.6	114.7	4.6
1971	1,063.4	668.2	160.0	1.6	233.7	479.8	465.5	118.1	896.9	34.7	125.2	6.6
1972	1,171.1	733.0	188.3	–3.3	253.1	526.0	510.8	134.3	989.5	37.2	137.4	7.0
1973	1,306.6	809.9	220.0	7.1	269.5	598.8	560.5	147.2	1,108.0	40.5	149.1	9.1
1974	1,412.9	889.6	214.6	6.0	302.7	638.6	626.8	147.4	1,193.7	44.8	161.4	13.1
1975	1,528.8	979.1	190.9	20.4	338.4	686.6	697.6	144.7	1,289.2	50.5	178.6	10.5
1976	1,702.2	1,089.9	243.0	8.0	361.3	762.7	776.7	162.7	1,437.7	56.4	193.5	14.5
1977	1,899.5	1,210.0	303.3	–9.9	396.2	842.2	866.4	190.9	1,609.0	62.6	210.1	17.8
1978	2,127.6	1,350.8	351.5	–10.3	435.6	930.0	969.3	228.2	1,807.8	69.6	229.6	20.5
1979	2,368.8	1,509.8	387.2	–4.6	476.4	1,030.5	1,085.1	253.2	2,017.9	77.2	248.4	25.3

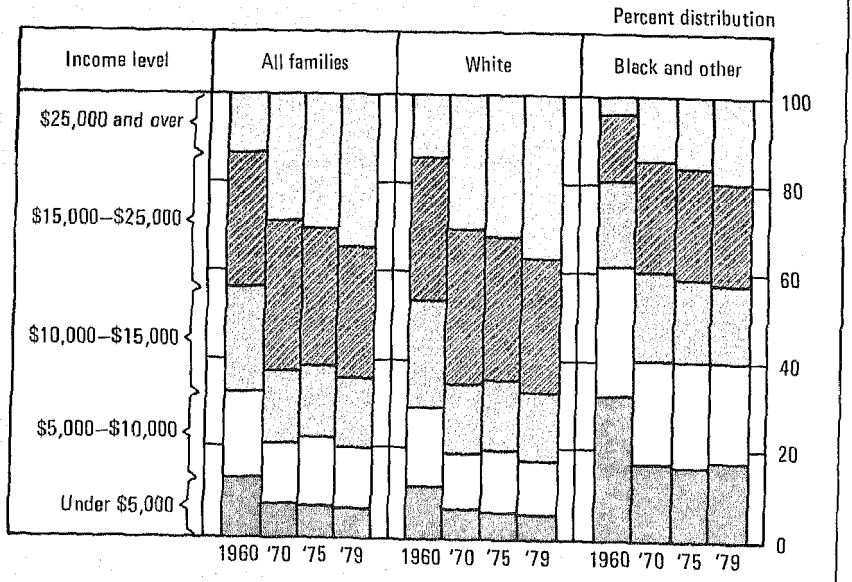
Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74;* and *Survey of Current Business,* July issues and March 1980.

Figure 14.1
Gross National Product (GNP) in Current and Constant (1972) Dollars: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 725 and 727.

Figure 14.2
Money Income of Families in Constant (1979) Dollars — Percent Distribution by Income Level and By Race: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 744.

No. 725. GNP in Current and Constant (1972) Dollars: 1960 to 1979

[**In billions of dollars, except as indicated.** Minus sign (−) denotes decline. See *Historical Statistics, Colonial Times to 1970*, series F 1, F 5, and F 47–70 for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS											
Gross national product (GNP)	506	688	982	1,171	1,307	1,413	1,529	1,702	1,900	2,128	2,369
Avg. annual percent change [1]	4.0	6.3	7.4	9.2	11.6	8.1	8.2	11.3	11.6	12.0	11.3
Implicit price deflator [2]	68.7	74.3	91.4	100.0	105.8	116.0	127.2	133.7	141.7	152.1	165.5
Personal consumption expenditure	325	430	619	733	810	890	979	1,090	1,210	1,351	1,510
Durable goods	43	63	85	111	124	122	133	157	179	200	213
Nondurable goods	151	189	265	299	334	376	409	444	481	531	597
Services	131	179	269	322	352	391	438	489	550	620	700
Gross private domestic investment	76	112	141	188	220	215	191	243	303	352	387
Fixed investment	73	103	137	179	202	206	202	233	281	329	369
Nonresidential	48	71	100	117	136	151	150	165	189	221	255
Residential	25	31	37	62	66	55	51	68	92	108	114
Business inventories change	4	10	4	9	18	9	−11	10	22	22	18
Net exports	4	8	4	−3	7	6	20	8	−10	−10	−5
Exports, goods and services	28	40	62	73	102	138	147	163	176	207	258
Imports, goods and services	23	32	59	76	94	132	127	155	186	217	262
Government purchases [3]	100	138	219	253	270	303	338	361	396	436	476
Federal	54	67	96	102	102	111	123	130	144	153	167
National defense	44	49	74	74	74	77	84	86	94	99	108
State and local	47	71	123	151	167	192	215	232	252	283	310
Final sales [4]	502	679	979	1,162	1,289	1,404	1,540	1,692	1,878	2,105	2,351
Inventory change	4	10	4	9	18	9	−11	10	22	22	18
CONSTANT (1972) DOLLARS											
Gross national product (GNP)	737	926	1,075	1,171	1,235	1,218	1,202	1,273	1,341	1,399	1,432
Annual percent change [1]	2.4	4.7	3.0	4.4	5.5	−1.4	−1.3	5.9	5.3	4.4	2.3
Potential GNP [5]	772	925	1,106	1,186	1,227	1,264	1,302	1,341	1,382	1,423	1,461
Personal consumption expenditure	453	558	669	733	768	761	775	821	862	901	925
Durable goods	53	73	89	111	122	113	113	127	138	147	147
Nondurable goods	208	244	283	299	309	304	307	322	333	343	349
Services	192	241	297	322	337	344	355	373	391	411	428
Gross private domestic investment	105	150	155	188	207	184	143	173	200	214	215
Fixed investment	101	139	150	179	191	176	152	167	187	200	206
Nonresidential	66	96	110	117	131	131	114	119	129	140	149
Residential	35	43	40	62	60	45	39	48	58	60	57
Business inventories change	4	11	4	9	17	8	−10	7	13	14	10
Net exports	6	8	1	−3	8	16	23	16	10	11	18
Exports, goods and services	36	49	67	73	87	93	90	96	98	109	120
Imports, goods and services	30	41	66	76	80	77	68	80	88	98	102
Government purchases [3]	173	210	250	253	253	258	263	263	269	273	274
Federal	91	101	111	102	97	96	97	96	101	99	99
State and local	82	109	140	151	156	162	166	167	168	175	175
Final sales [4]	732	915	1,071	1,162	1,219	1,210	1,212	1,266	1,327	1,385	1,422
Inventory change	4	11	4	9	17	8	−10	7	13	14	10

[1] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] 1972=100. [3] Purchases of goods and services.
[4] GNP minus inventory change. [5] Source: U.S. Council of Economic Advisers. Potential GNP is the output the economy could produce with the existing technology under assumed conditions of high, sustainable utilization of the factors of production. See *Economic Report of the President*, January 1980.

Source: Except as noted, U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues and March 1980.

No. 726. Annual Growth Rates of Gross Domestic Product—International Comparisons, Selected Periods: 1929 to 1978

[**In percent.** See headnote, table 727. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16]

COUNTRY	1929–50	1950–78	1950–60	1960–70	1960–78	1970–78	1973–74	1974–75	1975–76	1976–77	1977–78
United States: Total	2.9	3.5	3.2	3.9	3.6	3.3	−1.3	−1.0	5.6	5.1	4.4
Per capita	1.8	2.1	1.4	2.6	2.5	2.5	−2.0	−1.7	4.9	4.3	3.6
Canada: Total	3.2	4.8	4.6	5.2	4.9	4.6	3.5	1.1	5.7	2.7	3.6
Per capita	1.8	2.8	1.9	3.4	3.4	3.3	2.0	−.4	4.3	1.5	2.6
France: Total	–	4.7	4.6	5.6	4.8	3.9	3.2	.2	5.0	2.8	3.8
Per capita	−.1	3.8	3.6	4.5	3.9	3.3	2.6	−.3	4.6	2.5	3.4
Germany, F.R.: Total	1.9	5.3	8.0	4.7	3.8	2.7	.5	−1.8	5.2	2.7	3.2
Per capita	.7	4.3	6.4	3.8	3.2	2.5	.4	−1.5	5.7	3.0	3.3
Italy: Total	1.0	[1] 4.8	[1] 5.5	5.7	4.4	2.8	4.1	−3.6	5.9	2.0	2.6
Per capita	.3	[1] 4.1	[1] 4.8	5.0	3.7	2.1	3.2	−4.3	5.2	1.5	2.1
Japan: Total	.6	[2] 8.4	[2] 8.0	11.2	8.6	5.3	−.3	1.4	6.5	5.4	5.9
Per capita	(NA)	[2] 7.2	[2] 6.9	10.1	7.3	4.0	−1.7	.1	5.3	4.4	4.9
United Kingdom: Total	1.6	2.7	2.8	2.8	2.6	2.3	−1.5	−1.0	3.7	1.3	3.1
Per capita	1.2	2.3	2.4	2.2	2.2	2.2	−1.5	−1.0	3.7	1.4	3.2

– Represents zero. NA Not available. [1] Initial year 1951. [2] Initial year 1952.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*.

No. 727. Rates of Economic Growth: 1950 to 1979

[**Percent.** Figures represent average annual compounded rates of change in real gross national product, based on estimates by Dept. of Commerce of gross national product (expressed in constant 1972 dollars). Minus sign (−) denotes decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left. See *Historical Statistics, Colonial Times to 1970,* series F 31, for single-year figures prior to minor revisions issued in 1976. x = Not applicable]

TERMINAL YEAR	INITIAL YEAR															
	1950	1955	1960	1965	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
1951	8.1	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1956	3.8	2.1	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1961	3.2	2.4	2.5	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1966	3.9	3.7	4.9	6.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1968	3.8	3.7	4.5	4.3	4.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1969	3.8	3.6	4.3	3.9	3.5	2.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1970	3.6	3.4	3.9	3.0	2.2	1.1	−.3	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1971	3.5	3.3	3.8	3.0	2.4	1.7	1.3	3.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1972	3.6	3.5	3.9	3.4	3.1	2.7	2.8	4.4	5.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1973	3.7	3.6	4.1	3.7	3.4	3.3	3.4	4.7	5.6	5.5	(x)	(x)	(x)	(x)	(x)	(x)
1974	3.5	3.3	3.7	3.1	2.7	2.5	2.5	3.2	3.2	2.0	−1.4	(x)	(x)	(x)	(x)	(x)
1975	3.3	3.1	3.3	2.6	2.2	1.9	1.8	2.3	2.1	.9	−1.3	−1.3	(x)	(x)	(x)	(x)
1976	3.4	3.2	3.5	2.9	2.6	2.4	2.4	2.9	2.8	2.1	1.0	2.2	5.9	(x)	(x)	(x)
1977	3.5	3.3	3.6	3.1	2.9	2.7	2.8	3.2	3.2	2.7	2.1	3.3	5.6	5.3	(x)	(x)
1978	3.5	3.4	3.6	3.2	3.0	2.9	2.9	3.3	3.4	3.0	2.5	3.5	5.2	4.8	4.4	(x)
1979	3.5	3.3	3.6	3.2	3.0	2.8	2.9	3.2	3.3	2.9	2.5	3.3	4.5	4.0	3.3	2.3

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970.*

No. 728. Annual Growth Rates of GNP Components: 1960 to 1979

[**Percent.** Represents changes in constant 1972 dollar GNP. GNP = Gross national product. See headnote, table 727]

YEAR OR PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURES				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Im- - ports	Ex- ports
		Total	Dura- ble goods	Non- durable goods	Serv- ices	Total	Fixed investment		Fed- - eral	State and local		
							Resi- dential	Nonre- sidential				
1960–1965	4.7	4.3	6.9	3.2	4.6	7.3	4.3	7.7	2.0	5.9	6.2	6.5
1965–1970	3.0	3.7	3.9	3.0	4.3	.6	−1.3	2.9	2.0	5.0	9.9	6.4
1970–1971	3.0	3.4	10.4	1.7	3.0	7.8	29.3	−1.9	−6.2	4.3	4.3	1.2
1971–1972	5.7	5.9	13.4	4.1	5.3	12.8	18.7	8.2	−1.7	3.8	10.9	7.0
1972–1973	5.5	4.7	9.5	3.3	4.4	10.0	−3.8	12.1	−5.4	3.3	5.1	20.3
1973–1974	−1.4	−.9	−7.6	−1.8	2.3	−11.4	−24.6	−.3	−.8	3.8	−3.4	6.4
1974–1975	−1.3	1.8	.1	.9	3.2	−22.3	−13.9	−13.0	.7	2.6	−12.5	−3.2
1975–1976	5.9	5.9	12.4	4.8	4.6	21.6	23.3	4.8	−.2	.5	19.1	6.8
1976–1977	5.3	5.0	9.2	3.5	4.9	15.4	20.7	8.6	4.4	.6	9.7	2.4
1977–1978	4.4	4.5	6.1	3.2	5.1	7.1	4.2	8.4	−2.0	4.0	11.1	10.6
1978–1979	2.3	2.6	.3	1.7	4.3	.4	−5.7	6.2	.9	.2	4.4	10.1

No. 729. Per Capita Income and Product for Selected Items: 1960 to 1979

[Based on Bureau of the Census estimated population including Armed Forces abroad as of July 1, 1960–1973; thereafter, based on quarterly averages. See *Historical Statistics, Colonial Times to 1970,* series F 17–30, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS											
Gross national product	2,801	3,541	4,795	5,608	6,210	6,666	7,159	7,910	8,758	9,733	10,745
Personal income	2,212	2,764	3,911	4,513	5,002	5,449	5,879	6,420	7,061	7,857	8,728
Disposable personal income	1,934	2,430	3,348	3,837	4,285	4,646	5,088	5,504	6,017	6,672	7,367
Personal consumption expenditures	1,798	2,214	3,020	3,510	3,849	4,197	4,584	5,064	5,579	6,179	6,848
Durable goods	239	323	415	533	588	576	621	731	825	916	966
Nondurable goods	836	971	1,292	1,433	1,587	1,775	1,915	2,063	2,219	2,428	2,708
Services	723	920	1,314	1,544	1,674	1,846	2,049	2,270	2,535	2,835	3,174
CONSTANT (1972) DOLLARS											
Gross national product	4,078	4,765	5,248	5,607	5,869	5,746	5,630	5,915	6,180	6,401	6,494
Disposable personal income	2,697	3,152	3,619	3,837	4,062	3,973	4,025	4,144	4,285	4,449	4,512
Personal consumption expenditures	2,507	2,872	3,265	3,510	3,649	3,589	3,627	3,813	3,973	4,119	4,194
Durable goods	281	378	434	533	579	531	528	588	637	671	667
Nondurable goods	1,153	1,256	1,380	1,433	1,470	1,434	1,436	1,494	1,534	1,571	1,584
Services	1,064	1,239	1,451	1,544	1,599	1,625	1,663	1,731	1,802	1,879	1,943

Source of tables 728 and 729: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74; Survey of Current Business,* July issues and March 1980, and unpublished data.

No. 730. Gross National Product, by Major Economic Groups: 1960 to 1979

[**In billions of dollars.** See *Historical Statistics, Colonial Times to 1970,* series F 1, 9, 20, 52, 63-66, and 162, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Gross national product	506.0	688.1	982.4	1,412.9	1,528.8	1,702.2	1,899.5	2,127.6	2,368.8
Persons:									
Disposable personal income [1]	342.0	460.4	669.4	961.3	1,062.7	1,158.5	1,274.9	1,422.8	1,583.6
Personal consumption expenditures	324.9	430.2	618.8	889.6	979.1	1,089.9	1,210.0	1,350.8	1,509.8
Personal saving	17.1	30.3	50.6	71.7	83.6	68.6	65.0	72.0	73.8
Business:									
Gross retained earnings [2]	58.7	84.6	101.4	137.9	176.2	203.3	230.7	252.9	276.3
Gross private domestic investment	76.4	112.0	140.8	214.6	190.9	243.0	303.3	351.5	387.2
Excess of investment (−)	−17.7	−27.4	−39.5	−76.7	−14.8	−39.7	−72.6	−98.6	−110.9
Government:									
Receipts less transfer payments, etc. [3]	103.4	138.9	209.5	299.5	274.1	325.6	376.7	435.3	489.9
Purchases of goods and services	100.3	138.4	218.9	302.7	338.4	361.3	396.2	435.6	476.4
Surplus or deficit (−)	3.1	.5	−9.4	−3.2	−64.4	−35.7	−19.5	−.3	13.5
Foreign:									
Transfer payments to foreigners (net) plus interest paid by Govt. to foreigners	2.6	3.3	4.3	8.5	8.5	8.7	9.7	13.3	16.1
Net exports of goods and services	4.4	7.6	3.9	6.0	20.4	8.0	−9.9	−10.3	−4.6
Capital grants received by U.S. (net) less net foreign investment	−1.7	−4.3	.3	2.5	−11.9	.7	19.6	23.5	20.7
Statistical discrepancy	−.7	.9	−2.1	5.8	7.4	6.1	7.5	3.3	2.9

[1] Less interest paid by consumers to business and personal transfers to foreigners (net). [2] Undistributed corporate profits with inventory valuation and corporate capital consumption adjustments plus corporate and noncorporate capital consumption allowances with capital consumption adjustment, plus wage accruals less disbursements. [3] Government receipts, less transfer payments to persons, transfer payments to foreigners (net), net interest paid, and subsidies less current surplus of government enterprises; plus wage accruals less disbursements.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74; Survey of Current Business,* July issues and March 1980; and unpublished data.

No. 731. Gross National Product, by Industry, in Current and Constant (1972) Dollars: 1960 to 1979

[**In billions of dollars.** The current-dollar data differ from national income by industry (table 736) for two reasons: (1) Current dollar data include both factor and non-factor charges against gross product; and (2) profits have been shifted from a company to an establishment basis. See *Historical Statistics, Colonial Times to 1970,* series F 130-143, for single-year figures prior to minor revisions issued in 1976]

INDUSTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS									
All industries, total	506.0	688.1	982.4	1,412.9	1,528.8	1,702.2	1,899.5	2,127.6	2,368.8
Agriculture, forestry, fisheries	21.5	23.8	28.7	52.2	53.4	51.4	55.1	66.6	78.6
Mining	12.6	13.5	17.4	31.9	38.4	42.5	48.2	55.1	70.3
Construction	23.2	32.7	48.2	67.6	67.7	74.5	83.5	95.3	108.4
Manufacturing	143.9	196.3	250.3	334.6	350.1	403.2	456.0	509.1	557.9
Transportation	22.5	28.8	38.9	55.5	55.6	62.6	70.4	81.4	93.9
Communication	10.5	15.2	23.6	35.5	39.8	45.2	49.5	55.9	61.3
Electric, gas, sanitary services	12.8	16.6	22.7	31.3	38.8	43.3	48.4	53.5	56.7
Wholesale and retail trade	84.6	112.8	167.3	243.4	268.3	296.7	323.1	360.5	398.6
Finance, insurance, real estate	70.1	95.5	140.2	194.6	212.1	235.2	267.8	298.7	330.6
Services	49.2	70.7	113.5	165.7	185.8	207.4	234.8	268.7	303.1
Govt. and govt. enterprises	53.4	76.7	129.1	181.7	200.9	219.6	237.3	258.9	280.5
Rest of world (incl. stat. discrep.)	1.8	5.6	2.5	18.8	17.9	20.6	25.3	23.9	29.0
CONSTANT (1972) DOLLARS									
All industries, total	736.8	925.9	1,075.3	1,217.8	1,202.3	1,273.0	1,340.5	1,399.2	1,431.6
Agriculture, forestry, fisheries	32.2	33.0	34.3	35.7	37.0	36.2	38.3	38.7	39.6
Mining	14.4	16.4	19.1	19.0	19.0	19.2	19.9	20.8	21.2
Construction	46.1	57.0	57.1	56.0	49.8	53.8	56.6	59.2	59.3
Manufacturing	172.0	235.1	260.6	291.9	277.1	303.5	325.8	341.6	352.0
Transportation	30.9	38.0	43.8	50.5	47.0	48.6	51.0	54.6	55.9
Communication	12.1	16.9	25.6	33.6	36.4	39.5	42.5	47.4	51.2
Electric, gas, sanitary services	15.0	19.4	25.7	28.3	30.1	30.5	31.4	32.4	32.7
Wholesale and retail trade	117.9	148.6	178.4	205.7	206.2	218.9	228.0	239.1	243.3
Finance, insurance, real estate	101.9	127.2	152.9	180.3	182.3	192.0	205.8	216.1	222.6
Services	82.2	101.2	124.7	144.7	145.2	151.9	159.5	169.1	174.4
Govt. and govt. enterprises	107.2	127.4	152.0	160.0	162.7	164.7	165.5	168.6	169.3
Rest of world (incl. residual)	5.0	5.7	1.3	12.1	9.5	14.2	16.3	11.5	10.1

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74,* and *Survey of Current Business,* July issues and April 1980.

No. 732. Relation of GNP, National Income, and Personal Income: 1960 to 1979

[In billions of dollars. For definitions, see pp. 435-436. See *Historical Statistics, Colonial Times to 1970,* series F 6-9 and F 144-162, for figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Gross national product	506.0	688.1	982.4	1,412.9	1,528.8	1,702.2	1,899.5	2,127.6	2,368.8
Less: Capital consumption allowances[1]	47.7	57.5	90.8	137.7	162.0	177.8	195.4	216.9	243.0
Equals: Net national product[2]	458.3	630.6	891.6	1,275.2	1,366.9	1,524.4	1,704.1	1,910.7	2,125.9
Plus: Subsidies less current surplus of govt. enterprises	.4	1.6	2.7	1.0	2.3	1.0	3.1	4.2	2.3
Less: Indirect business tax and nontax liability[3]	47.4	65.4	98.0	134.5	146.8	159.4	173.8	187.3	199.7
Equals: National income	412.0	566.0	796.4	1,136.0	1,215.0	1,359.8	1,525.8	1,724.3	1,924.6
Less: Corporate profits[4]	46.6	77.1	67.9	83.6	95.9	126.8	150.0	167.7	178.2
Net interest	9.8	18.5	37.5	69.0	78.6	83.8	94.0	109.5	129.7
Contributions for social insurance	21.1	30.0	58.7	103.8	110.6	126.0	142.5	164.1	189.8
Plus: Govt. transfer payments to persons	27.0	37.6	75.9	134.9	170.6	185.8	199.6	214.9	241.9
Personal interest income	23.3	37.2	64.3	103.0	115.5	127.0	141.7	163.3	192.1
Dividends	12.9	19.1	22.9	31.0	31.9	37.5	42.1	47.2	52.7
Business transfers	2.0	2.8	4.0	5.9	7.6	8.0	8.7	9.2	10.2
Equals: Personal income	399.7	537.0	801.3	1,154.9	1,255.5	1,381.6	1,531.6	1,717.4	1,924.2
Less: Personal tax and nontax payments	50.4	64.9	115.3	170.3	168.8	197.1	226.4	259.0	299.9
Equals: Disposable personal income	349.4	472.2	685.9	984.6	1,086.7	1,184.5	1,305.1	1,458.4	1,624.3
Less: Personal outlays	332.3	441.9	635.4	913.0	1,003.0	1,115.9	1,240.2	1,386.4	1,550.5
Equals: Personal saving	17.1	30.3	50.6	71.7	83.6	68.6	65.0	72.0	73.8

[1] With capital consumption adjustment. [2] Includes statistical discrepancy, not shown separately. [3] Includes business transfers; see below for figures. [4] With inventory valuation and capital consumption adjustments.

No. 733. Personal Consumption Expenditures, by Product: 1960 to 1979

[In billions of dollars, except percent. Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. See *Historical Statistics, Colonial Times to 1970,* series G 416-469, for single-year figures prior to minor revisions issued in 1976]

TYPE OF PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total consumption	324.9	430.2	618.8	809.9	889.6	979.1	1,089.9	1,210.0	1,350.8	1,509.8
Food, beverages,[1] and tobacco	88.0	107.0	147.1	181.2	203.7	224.3	243.3	263.2	289.6	321.3
Purchased meals	17.2	22.7	31.5	39.9	44.4	50.2	56.3	62.8	69.3	76.0
Food (excl. alcoholic beverages)	70.5	85.8	118.6	146.8	166.9	184.7	200.2	217.9	240.7	267.9
Alcoholic beverages	10.6	13.1	17.7	21.3	23.0	24.9	26.8	28.9	30.9	34.2
Tobacco	6.9	8.1	10.8	13.1	13.8	14.7	16.2	16.5	17.9	19.2
Clothing, accessories, jewelry[2]	32.2	40.3	55.6	71.6	76.3	82.0	89.0	96.7	107.6	117.5
Women's and children's[3]	14.4	18.4	25.1	33.3	35.8	38.5	41.9	45.2	50.2	54.5
Men's and boys'[3]	7.7	9.7	13.6	18.0	19.2	20.8	22.4	24.3	26.5	28.8
Jewelry and watches	1.9	2.6	4.1	5.4	5.8	6.3	7.2	7.8	8.3	10.3
Shoes, incl. cleaning, repair	4.7	5.6	8.0	10.2	10.4	11.0	11.8	13.1	14.7	16.1
Personal care	5.2	7.6	10.9	12.6	13.5	14.2	15.1	16.7	18.6	20.3
Housing	48.1	65.5	94.0	123.2	136.5	150.2	166.2	187.3	212.2	241.5
Household operations[2]	46.1	61.3	87.8	117.7	130.6	142.3	158.5	176.5	195.0	219.5
Furniture, equipment, supplies	22.2	30.6	44.1	59.8	64.9	67.6	73.7	81.4	89.7	99.1
Electricity	5.1	6.6	9.9	13.9	16.5	20.0	22.1	25.5	28.3	32.2
Gas	3.3	4.3	5.6	6.7	7.6	9.3	11.0	12.8	14.2	16.6
Telephone and telegraph	4.5	6.5	10.1	14.0	15.4	17.4	19.5	21.1	23.4	25.5
Domestic service	3.8	4.0	5.1	5.4	5.6	5.8	6.4	6.8	7.5	8.3
Medical care expenses	20.0	30.1	49.9	68.3	76.9	89.2	101.2	116.6	131.0	146.8
Personal business	14.2	19.7	31.3	40.6	45.5	51.6	56.5	61.1	71.1	82.2
Transportation	42.4	58.2	78.0	110.9	115.1	125.5	150.8	171.9	191.3	212.2
User-operated transportation	39.1	54.2	72.5	104.3	107.7	117.9	142.2	162.5	181.1	200.5
Purchased transportation	3.3	4.0	5.5	6.5	7.4	7.6	8.6	9.5	10.2	11.7
Recreation	17.9	25.9	41.0	55.2	60.9	66.5	73.3	81.0	91.2	101.0
Private education and research	3.7	5.7	9.9	12.6	13.8	15.5	17.1	18.4	20.6	23.5
Religious and welfare activities	4.9	6.1	8.5	10.6	11.6	13.0	14.3	15.4	17.2	19.2
Foreign travel and other, net	2.1	2.9	4.7	5.2	5.3	5.0	4.6	5.1	5.2	4.8
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food, beverages,[1] and tobacco	27.1	24.9	23.8	22.4	23.0	22.9	22.3	21.8	21.4	21.3
Clothing, accessories, jewelry	9.9	9.4	9.0	8.9	8.6	8.4	8.2	8.0	8.0	7.8
Personal care	1.6	1.8	1.8	1.6	1.5	1.5	1.4	1.4	1.4	1.3
Housing	14.8	15.2	15.2	15.2	15.3	15.3	15.2	15.5	15.7	16.0
Household operations	14.2	14.2	14.2	14.5	14.7	14.5	14.5	14.6	14.4	14.5
Medical care expenses	6.2	7.0	8.1	8.4	8.6	9.1	9.3	9.6	9.7	9.7
Personal business	4.4	4.6	5.1	5.0	5.1	5.3	5.2	5.1	5.3	5.4
Transportation	13.1	13.5	12.6	13.7	12.9	12.8	13.8	14.2	14.2	14.1
Recreation	5.5	6.0	6.6	6.8	6.8	6.8	6.7	6.7	6.8	6.7
Other	3.3	3.4	3.7	3.5	3.5	3.4	3.4	3.1	3.1	3.2

[1] Includes alcoholic and nonalcoholic beverages. [2] Includes items not shown separately. [3] Except footwear.

Source of tables 732 and 733: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74,* and *Survey of Current Business,* July issues; and unpublished data.

No. 734. National Income, by Type of Income: 1929 to 1979

[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. Minus sign (−) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series F 163–185, for single-year figures prior to minor revisions issued in 1976]

TYPE OF INCOME	1929	1930	1933	1935	1940	1945	1947	1950	1955
National income	**84.8**	**73.8**	**39.9**	**56.5**	**79.7**	**180.6**	**194.6**	**236.2**	**328.0**
Compensation of employees	51.1	46.8	29.5	37.3	52.1	123.1	129.2	154.8	224.9
Proprietors' income [1]	14.9	11.7	5.8	10.7	12.9	31.7	35.8	38.4	42.5
Rental income of persons [2]	4.9	4.4	2.2	1.8	2.7	4.6	5.3	7.1	11.3
Corporate profits [1]	9.2	5.9	−1.7	2.6	8.7	19.0	22.2	33.7	44.6
Net interest	4.7	4.9	4.1	4.1	3.3	2.2	2.1	2.3	4.8

	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
National income	**412.0**	**566.0**	**798.4**	**1,064.6**	**1,136.0**	**1,215.0**	**1,359.8**	**1,525.8**	**1,724.3**	**1,924.8**
Compensation of employees	**294.9**	**396.5**	**609.2**	**799.2**	**875.8**	**931.1**	**1,037.8**	**1,156.9**	**1,304.5**	**1,459.2**
Wages and salaries	271.9	362.0	546.5	701.2	764.1	805.9	890.0	984.0	1,103.5	1,227.4
Private	222.8	292.1	430.5	552.6	604.1	630.4	702.0	782.7	885.5	993.9
Military	10.4	12.9	20.7	22.1	22.5	23.1	23.5	24.3	25.7	26.9
Government, civilian	38.7	56.9	95.3	125.5	137.5	152.3	164.5	177.0	192.3	206.6
Supplements to wages, salaries	23.0	34.5	62.7	98.0	111.7	125.2	147.8	172.9	201.0	231.8
Employer contributions for social insurance	11.8	16.7	30.7	49.3	56.1	60.1	70.4	81.2	94.6	109.1
Other labor income	11.2	17.8	32.0	48.7	55.6	65.1	77.4	91.8	106.5	122.7
Proprietors' income [1]	**47.0**	**56.7**	**65.1**	**92.4**	**86.2**	**87.0**	**89.3**	**100.2**	**116.8**	**130.8**
Farm	11.4	12.6	13.9	32.0	25.4	23.5	18.3	19.6	27.7	32.8
Nonfarm	35.6	44.1	51.2	60.4	60.9	63.5	71.0	80.5	89.1	98.0
Rental income of persons [2]	**13.8**	**17.1**	**18.6**	**21.6**	**21.4**	**22.4**	**22.1**	**24.7**	**25.9**	**26.9**
Corporate profits [1]	**46.6**	**77.1**	**67.9**	**99.1**	**83.6**	**95.9**	**126.8**	**150.0**	**167.7**	**178.2**
Profits before tax	48.5	75.2	71.5	115.8	126.9	120.4	156.0	177.1	206.0	236.6
Profits tax liability	22.7	30.9	34.5	48.7	52.4	49.8	63.8	72.6	84.5	92.5
Profits after tax	25.8	44.3	37.0	67.1	74.5	70.6	92.2	104.5	121.5	144.1
Dividends	12.9	19.1	22.9	27.8	31.0	31.9	37.5	42.1	47.2	52.7
Undistributed profits	13.0	25.2	14.1	39.3	43.6	38.7	54.7	62.4	74.3	91.4
Inventory valuation adjust.	.3	−1.9	−5.1	−18.6	−40.4	−12.4	−14.6	−15.2	−25.2	−41.8
Capital consump., adjustm't	−2.3	3.8	1.5	1.9	−2.9	−12.0	−14.5	−12.0	−13.1	−16.7
Net interest	**9.8**	**18.5**	**37.5**	**52.3**	**69.0**	**78.6**	**83.8**	**94.0**	**109.5**	**129.7**

[1] With inventory valuation and capital consumption adjustments. [2] With capital consumption adjustment.

No. 735. National Income, by Sector: 1960 to 1978

[**In billions of dollars.** Minus sign (−) denotes loss. See *Historical Statistics, Colonial Times to 1970*, series F 192–209, for single-year figures prior to minor revisions issued in 1976]

SECTOR	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
National income	**412.0**	**566.0**	**798.4**	**951.9**	**1,064.6**	**1,136.0**	**1,215.0**	**1,359.8**	**1,525.8**	**1,724.3**
Originating in business	**348.6**	**474.5**	**647.4**	**770.3**	**866.0**	**916.7**	**975.4**	**1,095.4**	**1,235.2**	**1,404.6**
Corporate business	233.6	332.3	470.9	564.3	630.6	671.4	717.1	819.4	925.9	1,051.3
Compensation of employees	190.8	259.7	399.3	470.6	533.3	585.9	613.1	690.1	776.9	884.9
Corporate profits [1]	44.7	73.8	64.1	87.2	92.2	74.0	89.8	118.6	140.1	157.5
Net interest	−1.9	−1.3	7.4	6.4	5.0	11.5	14.3	10.7	9.0	9.0
Sole proprietors, partnerships	84.0	98.9	118.0	134.5	157.3	157.9	162.6	172.4	192.0	221.5
Compensation of employees	36.2	40.0	47.4	50.6	55.1	59.7	62.3	68.5	75.7	85.7
Proprietors' income [1]	46.6	56.2	64.7	75.6	91.8	85.5	86.2	88.5	99.2	115.8
Net interest	1.2	2.7	5.9	8.3	10.4	12.6	14.1	15.4	17.1	19.9
Other private business [2]	25.4	35.5	45.8	56.3	61.4	68.4	74.4	80.3	92.4	104.8
Compensation of employees	1.5	2.2	3.3	4.1	4.5	4.9	5.3	5.9	6.7	7.8
Rental income of persons [3]	13.8	17.1	18.6	21.5	21.6	21.4	22.4	22.1	24.7	25.9
Proprietors' income [1]	.4	.5	.4	.6	.6	.7	.8	.9	.9	1.0
Net interest	9.8	15.7	23.4	30.1	34.7	41.4	45.8	51.4	59.9	70.2
Govt. enterprises [4]	5.6	7.8	12.7	15.1	16.7	19.1	21.3	23.3	24.9	27.0
Originating in—										
Government [4]	**47.1**	**67.6**	**114.7**	**137.4**	**149.1**	**161.4**	**178.6**	**193.5**	**210.1**	**229.6**
Households and institutions [5]	**13.8**	**19.2**	**31.6**	**37.2**	**40.5**	**44.8**	**50.5**	**56.4**	**62.6**	**69.6**
Rest of the world	**2.5**	**4.7**	**4.6**	**7.0**	**9.1**	**13.1**	**10.5**	**14.5**	**17.8**	**20.5**

[1] See footnote 2, table 734. [2] Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm dwellings and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current services to their owners.
[3] See footnote 1, table 734. [4] Compensation of employees. [5] Compensation of employees in private households; social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source of tables 734 and 735: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues.

No. 736. National Income Without Capital Consumption Adjustments, by Industrial Origin: 1960 to 1978

[**In billions of dollars, except percent.** Represents net value added to production by industry, measured at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 226-237, for single-year figures prior to minor revisions issued in 1976]

INDUSTRY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
National income	418.0	565.4	804.4	956.8	1,072.8	1,152.1	1,244.6	1,394.5	1,561.7	1,766.8
Agriculture, forestry, fisheries	17.5	20.4	24.5	30.6	47.0	42.2	42.8	39.9	43.3	54.7
Farms	16.5	18.8	22.2	27.9	43.8	38.7	39.4	35.8	38.5	48.8
Mining	5.6	6.0	7.8	8.7	10.1	15.5	18.1	20.3	22.4	26.5
Construction	21.4	30.4	44.6	53.6	59.7	62.2	61.8	67.9	76.3	87.6
Manufacturing	125.4	170.4	215.4	251.8	283.5	297.8	312.5	363.1	409.4	459.5
Food and kindred products	12.2	14.2	19.6	20.3	21.0	23.7	30.0	31.7	32.6	34.5
Tobacco manufactures	1.0	1.1	1.7	1.7	1.8	1.7	2.2	2.4	2.8	3.2
Textile mill products	4.5	5.9	7.5	8.4	8.7	9.9	8.8	10.5	11.9	12.9
Apparel and other textile products	4.9	6.5	8.7	9.6	10.3	10.4	10.8	12.3	13.6	14.9
Paper and allied products	4.7	6.0	8.0	9.4	10.9	11.9	11.8	14.2	15.7	17.1
Printing and publishing	6.7	8.7	11.9	13.5	14.9	15.2	16.7	18.5	21.0	23.7
Chemicals and allied products	8.9	12.1	15.7	18.0	19.9	21.3	23.8	28.1	30.1	32.7
Petroleum and coal products	4.4	4.8	6.6	7.1	8.5	14.0	12.9	17.5	18.7	20.3
Rubber and misc. plastics products	2.9	4.2	6.2	7.8	8.8	8.8	8.7	10.2	12.4	13.7
Leather and leather products	1.6	1.8	2.2	2.1	2.4	2.4	2.4	2.8	2.8	2.9
Lumber and wood products	3.5	4.9	6.3	8.6	10.6	10.6	8.9	11.5	13.6	16.2
Furniture and fixtures	2.0	2.8	3.5	4.3	4.7	4.8	4.6	5.3	6.1	6.9
Stone, clay, and glass products	4.6	5.7	6.9	8.7	9.8	9.7	9.9	11.6	13.1	15.4
Primary metal products	10.6	13.9	15.1	17.8	21.1	26.6	24.2	26.2	28.7	33.4
Fabricated metal products	8.9	12.6	16.6	19.4	22.4	22.8	24.3	27.9	31.4	35.3
Machinery, except electrical	11.9	18.2	24.4	27.3	32.1	33.5	36.8	40.9	47.6	55.1
Electrical, electronic equipment	10.5	14.5	19.6	22.7	25.9	25.8	26.6	29.9	35.3	41.0
Transportation equipment [1]	7.5	10.4	12.6	13.1	13.8	14.1	15.7	16.8	18.5	21.3
Motor vehicles and equipment	8.4	14.5	12.1	20.2	23.1	17.7	19.0	28.3	34.6	37.2
Instruments, related products	3.3	4.6	6.4	7.2	8.0	8.2	9.0	10.4	12.0	13.7
Miscellaneous industries	2.3	2.9	3.7	4.6	4.9	4.9	5.4	6.1	7.0	7.9
Transportation [2]	18.1	23.1	30.3	36.5	41.1	44.2	44.5	51.6	58.8	68.2
Railroad transportation	6.7	7.0	7.6	8.4	9.7	10.1	10.0	11.8	12.9	14.2
Local and interurban passenger	1.6	1.9	2.3	2.5	2.5	2.8	2.9	3.2	3.5	3.8
Trucking and warehousing	5.9	8.4	11.8	15.5	17.5	18.7	18.4	21.0	24.4	28.5
Water transportation	1.6	2.0	2.5	2.5	2.8	3.3	3.3	3.7	3.9	4.7
Air transportation	1.4	2.6	4.4	5.7	6.4	6.9	7.1	8.6	10.0	12.1
Communications	8.2	11.5	17.6	20.3	22.6	24.5	27.1	31.4	35.2	40.5
Telephone and telegraph	7.3	10.3	15.9	18.2	20.4	22.2	24.4	27.9	31.1	35.8
Electric, gas, sanitary services	8.9	11.4	14.9	17.6	18.8	18.4	24.3	27.2	31.1	34.9
Wholesale and retail trade	64.7	84.7	122.2	144.6	161.6	175.0	194.2	214.9	234.5	261.8
Wholesale trade	24.7	31.9	46.9	56.8	65.7	76.6	80.6	89.1	96.0	107.0
Retail trade	40.1	52.8	75.3	87.8	95.8	98.3	113.7	125.8	138.4	154.8
Finance, insurance, real estate [2]	48.2	63.4	91.8	111.1	116.7	128.4	140.4	158.0	184.4	210.7
Banking	7.3	8.9	16.4	17.1	18.4	19.6	20.1	21.3	23.4	24.6
Insurance carriers	4.8	5.9	9.3	12.5	12.8	12.1	12.8	16.0	18.9	22.6
Insurance agents, brokers, etc.	2.1	3.0	4.2	5.2	5.7	5.9	6.7	8.1	9.6	11.2
Real estate	33.5	45.2	61.0	75.0	83.0	93.2	100.1	110.7	130.3	148.9
Services [2]	44.6	64.1	103.3	122.3	136.8	150.2	168.5	188.8	213.4	245.2
Hotels, other lodging places	2.0	2.8	4.4	5.3	5.8	6.2	7.0	8.0	8.7	10.4
Personal services	4.6	5.9	7.4	7.5	7.7	8.1	8.3	9.1	10.1	11.3
Business services	5.4	8.9	15.0	17.4	20.3	22.0	23.9	27.6	32.0	38.3
Health services	10.6	15.8	29.4	36.5	40.9	46.3	54.1	60.9	68.8	77.8
Legal services	2.7	4.2	6.7	8.4	9.7	10.7	11.8	12.6	14.4	16.2
Educational services	2.2	3.7	5.9	7.1	7.8	8.7	10.0	11.4	12.4	13.8
Social services, Membership organizations	4.5	6.4	10.0	12.0	13.1	14.2	5.0, 11.0	5.6, 11.7	6.4, 12.6	7.4, 13.9
Private households	3.8	4.0	5.1	5.3	5.4	5.6	5.8	6.4	6.8	7.5
Government and govt. enterprises	52.7	75.4	127.4	152.5	165.8	180.4	199.9	216.8	235.0	256.6
Federal	25.3	33.3	53.1	59.7	62.4	66.7	72.0	76.5	81.3	87.9
State and local	27.4	42.1	74.3	92.8	103.4	113.7	127.9	140.4	153.8	168.7
Rest of the world	2.5	4.7	4.6	7.0	9.1	13.1	10.5	14.5	17.8	20.5
National income, *percent distribution*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fisheries	4.2	3.6	3.0	3.2	4.4	3.7	3.4	2.9	2.8	3.1
Mining and construction	6.5	6.4	6.5	6.5	6.5	6.7	6.4	6.3	6.3	6.5
Manufacturing	30.0	30.1	26.8	26.3	26.4	25.8	25.1	26.0	26.2	26.0
Transportation	4.3	4.1	3.8	3.8	3.8	3.8	3.6	3.7	3.8	3.9
Communications and utilities	4.1	4.1	4.0	4.0	3.9	3.7	4.1	4.2	4.2	4.3
Wholesale and retail trade	15.5	15.0	15.2	15.1	15.1	15.2	15.6	15.4	15.0	14.8
Finance, insurance, real estate	11.5	11.2	11.4	11.6	10.9	11.1	11.3	11.3	11.8	11.9
Services	10.7	11.3	12.8	12.8	12.8	13.0	13.5	13.5	13.7	13.9
Govt. and govt. enterprises	12.6	13.3	15.8	15.9	15.5	15.7	16.1	15.5	15.0	14.5
Rest of the world	.6	.8	.6	.7	.8	1.1	.8	1.0	1.1	1.2

[1] Excludes motor vehicles and equipment. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues.

NO. 737. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1950 TO 1979

[See headnote, table 734]

TYPE OF INCOME	PERCENT DISTRIBUTION							ANNUAL PERCENT CHANGE			
	1950	1960	1965	1970	1975	1978	1979	1950-1960	1960-1970	1970-1975	1975-1979
National income, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5.7	6.8	8.8	12.2
Compensation of employees	65.5	71.6	70.1	76.3	76.6	75.7	75.8	6.7	7.5	8.9	11.9
Wages and salaries	62.2	66.0	64.0	68.4	66.3	64.0	63.8	6.3	7.2	8.1	11.1
Supplements to wages, salaries [1]	3.3	5.6	6.1	7.9	10.3	11.7	12.0	11.4	10.6	14.8	16.7
Proprietors' income [1]	16.3	11.4	10.0	8.2	7.2	6.8	6.8	2.0	3.3	6.0	10.7
Farm	5.7	2.8	2.2	1.7	1.9	1.6	1.7	−1.6	2.0	11.0	8.7
Nonfarm	10.5	8.6	7.8	6.4	5.2	5.2	5.1	3.6	3.7	4.4	11.4
Rental income of persons [2]	3.0	3.3	3.0	2.3	1.8	1.5	1.4	6.9	3.0	3.8	4.7
Corporate profits [1]	14.3	11.3	13.6	8.5	7.9	9.7	9.3	3.3	3.8	7.2	16.8
Profits before tax	18.0	11.8	13.3	9.0	9.9	11.9	12.3	1.3	4.0	11.0	18.4
Profits after tax	10.5	6.3	7.8	4.6	5.8	7.0	7.5	.4	3.7	13.8	19.5
Inventory valuation adjust	−2.1	.1	−.3	−.6	−1.0	−1.5	−2.2	(X)	(X)	(X)	(X)
Capital consumption adjust	−1.7	−.6	.7	.2	−1.0	−.8	−.9	(X)	(X)	(X)	(X)
Net interest	1.0	2.4	3.3	4.7	6.5	6.3	6.7	15.7	14.4	15.9	13.3

X Not applicable. [1] See footnote 4, table 732. [2] See footnote 1, table 732.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis.

NO. 738. PERSONAL INCOME AND ITS DISPOSITION: 1960 TO 1979

[In billions of dollars, except percent. For definition of personal income, see text, pp. 435 and 436. See *Historical Statistics, Colonial Times to 1970,* series F 262-286, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Personal income	399.7	537.0	801	943	1,052	1,155	1,255	1,382	1,532	1,717	1,924
Wage and salary disbursements	271.9	362.0	546	634	701	765	806	890	984	1,103	1,228
Commodity-producing industry [1]	112.9	146.0	203	227	254	275	275	307	344	387	435
Manufacturing	89.7	115.5	158	175	196	211	211	237	266	298	331
Distributive industries [2]	68.2	87.2	130	152	168	184	195	216	239	269	301
Service industries [3]	41.4	58.9	97	118	130	145	160	178	200	229	258
Govt. and govt. enterprises	49.2	69.9	116	137	149	161	175	188	201	218	234
Other labor income	11.2	17.8	32	42	49	56	65	77	92	106	123
Proprietors' income [4]	47.0	56.7	65	76	92	86	87	89	100	117	131
Rental income of persons [5]	13.8	17.1	19	22	22	21	22	22	25	26	27
Dividends	12.9	19.1	23	25	28	31	32	37	42	47	53
Personal interest income	23.3	37.2	64	75	84	103	116	127	142	163	192
Transfer payments [6]	28.9	40.4	80	104	119	141	178	194	208	224	252
Less: Personal contributions for social insurance	9.3	13.3	28	34	42	48	51	56	61	70	81
Less: Personal tax and nontax payments	50.4	64.9	115	141	151	170	169	197	226	259	300
Federal income tax	41.8	51.1	88.4	103	109	126	120	141	162	189	224
Equals: Disposable personal income	349.4	472.2	686	801	902	985	1,087	1,185	1,305	1,458	1,624
Less: Personal outlays [7]	332.3	441.9	635	752	831	913	1,003	1,116	1,240	1,386	1,551
Personal consumption expenditures	324.9	430.2	619	733	810	890	979	1,090	1,210	1,351	1,510
Interest paid by consumers	7.0	11.1	16	18	20	22	23	25	29	35	40
Equals: Personal saving	17.1	30.3	51	49	70	72	84	69	65	72	74
Percent of disposable personal income	4.9	6.4	7.4	6.2	7.8	7.3	7.7	5.8	5.0	4.9	4.6
Real disposable personal income [8]	487.3	612.4	742	801	855	842	860	892	930	973	995
Annual percent change [9]	2.7	4.7	3.9	4.2	4.8	−1.5	2.1	3.7	4.3	4.6	2.3
PERCENT DISTRIBUTION											
Personal income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wage and salary disbursements	68.0	67.4	68.2	67.2	66.6	66.2	64.2	64.4	64.2	64.2	63.8
Other labor income	2.8	3.3	4.0	4.4	4.6	4.8	5.2	5.6	6.0	6.2	6.4
Proprietors' income [4]	11.8	10.6	8.1	8.1	8.8	7.5	6.9	6.5	6.5	6.8	6.8
Rental income of persons [5]	3.5	3.2	2.3	2.3	2.0	1.8	1.8	1.6	1.6	1.5	1.4
Dividends	3.2	3.6	2.9	2.6	2.6	2.7	2.5	2.7	2.7	2.7	2.7
Personal interest income	5.8	6.9	8.0	7.9	8.0	8.9	9.2	9.2	9.3	9.5	10.0
Transfer payments [6]	7.2	7.5	10.0	11.0	11.3	12.2	14.2	14.0	13.6	13.0	13.1
Social insurance contributions	−2.3	−2.5	−3.5	−3.6	−4.0	−4.1	−4.0	−4.0	−4.0	−4.1	−4.2

[1] Comprises agriculture, forestry, and fisheries, mining, construction, and manufacturing. [2] Comprises transportation; communication; electric, gas, and sanitary services; and trade. [3] Comprises finance, insurance, and real estate; services; and rest of the world. [4] With capital consumption and inventory valuation adjustments. [5] With capital consumption adjustment. [6] Government benefits; for examples, see table 535. [7] Includes payments to foreigners. [8] 1972 prices. [9] Represents average for period of intervals shown here; for 1960, change from 1959. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74;* and *Survey of Current Business,* July issues, March 1980, and unpublished data.

No. 739. Personal Income in Current and Constant (1972) Dollars—States: 1960 to 1979

[1979 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1979, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 732 and 738. See text, pp. 435–436. See *Historical Statistics, Colonial Times to 1970*, series F 297–348, for single-year figures prior to minor revisions issued in 1976]

Division and State	Current dollars (billions)				Constant (1972) dollars								
					Total (bil. dol.)				Percent change		Percent of U.S.		
	1960	1970	1975	1979	1960	1970	1975	1979	1960–1970	1970–1979	1960	1970	1979
U.S	**396.1**	**793.5**	**1,248.6**	**1,916.0**	**552.4**	**857.8**	**987.8**	**1,173.3**	**55.3**	**36.8**	**100.0**	**100.0**	**100.0**
N.E	**25.5**	**50.4**	**73.5**	**108.4**	**35.5**	**54.5**	**58.1**	**66.4**	**53.5**	**21.8**	**6.4**	**6.4**	**5.7**
Maine	1.8	3.2	5.0	7.7	2.5	3.5	4.0	4.7	40.0	34.3	.5	.4	.4
N.H	1.3	2.8	4.4	7.3	1.8	3.0	3.5	4.5	66.7	50.0	.3	.3	.4
Vt	.7	1.5	2.3	3.6	1.0	1.7	1.8	2.2	70.0	29.4	.2	.2	.2
Mass	12.6	24.4	35.3	51.0	17.5	26.4	27.9	31.2	50.9	18.1	3.2	3.1	2.7
R.I	1.9	3.7	5.3	7.7	2.6	4.0	4.2	4.7	53.8	17.5	.5	.5	.4
Conn	7.2	14.8	21.1	31.0	10.1	16.0	16.7	19.0	58.4	18.8	1.8	1.9	1.6
M.A	**87.4**	**163.6**	**236.8**	**332.1**	**121.8**	**176.9**	**187.4**	**203.4**	**45.2**	**15.0**	**22.0**	**20.6**	**17.3**
N.Y	45.5	84.1	117.9	160.6	63.5	91.0	93.3	98.3	43.3	8.0	11.5	10.6	8.4
N.J	16.5	33.7	49.8	71.1	23.0	36.4	39.4	43.6	58.3	19.8	4.2	4.2	3.7
Pa	25.4	45.8	69.2	100.4	35.4	49.5	54.7	61.5	39.8	24.2	6.4	5.8	5.2
E.N.C	**85.9**	**163.3**	**247.7**	**376.4**	**119.8**	**176.5**	**195.9**	**230.5**	**47.3**	**30.6**	**21.7**	**20.6**	**19.6**
Ohio	22.6	42.1	62.0	94.2	31.5	45.5	49.0	57.7	44.4	26.8	5.7	5.3	4.9
Ind	10.0	19.3	29.8	46.9	14.0	20.9	23.6	28.7	49.3	37.3	2.5	2.4	2.4
Ill	26.4	49.5	75.4	110.3	36.8	53.5	59.7	67.5	45.4	26.2	6.7	6.2	5.8
Mich	18.2	36.0	54.7	85.3	25.4	38.9	43.3	52.3	53.1	34.4	4.6	4.5	4.5
Wis	8.6	16.4	25.8	39.7	12.0	17.8	20.4	24.3	48.3	36.5	2.2	2.1	2.1
W.N.C	**31.2**	**59.8**	**95.5**	**144.8**	**43.5**	**64.6**	**75.6**	**88.7**	**48.5**	**37.3**	**7.9**	**7.5**	**7.6**
Minn	7.1	14.6	22.7	35.6	9.9	15.8	17.9	21.8	59.6	38.0	1.8	1.8	1.9
Iowa	5.4	10.3	16.9	24.9	7.5	11.1	13.4	15.3	48.0	37.8	1.4	1.3	1.3
Mo	9.0	17.1	26.1	39.6	12.6	18.6	20.6	24.2	47.6	30.1	2.3	2.2	2.1
N. Dak	1.1	1.9	3.8	5.1	1.5	2.1	3.0	3.1	40.0	47.6	.3	.2	.3
S. Dak	1.2	2.1	3.4	5.1	1.7	2.2	2.7	3.1	29.4	40.9	.3	.3	.3
Nebr	2.8	5.4	9.1	13.1	4.0	5.9	7.2	8.0	47.5	35.6	.7	.7	.7
Kans	4.6	8.4	13.6	21.5	6.3	9.1	10.7	13.1	44.4	44.0	1.2	1.1	1.1
S.A	**47.9**	**109.7**	**184.5**	**285.3**	**66.9**	**118.6**	**146.0**	**174.7**	**77.3**	**47.3**	**12.1**	**13.8**	**14.9**
Del	1.2	2.5	3.8	5.6	1.7	2.7	3.0	3.4	58.8	25.9	.3	.3	.3
Md	7.2	16.8	26.4	38.0	10.1	18.2	20.9	23.2	80.2	27.5	1.8	2.1	2.0
D.C	2.2	3.5	5.2	7.2	3.0	3.8	4.1	4.4	26.7	15.8	.6	.4	.4
Va	7.5	17.1	28.7	44.7	10.5	18.5	22.7	27.4	76.2	48.1	1.9	2.2	2.3
W. Va	2.9	5.3	8.9	14.0	4.1	5.7	7.1	8.6	39.0	50.9	.7	.7	.7
N.C	7.2	16.3	26.9	41.3	10.1	17.6	21.3	25.3	74.3	43.8	1.8	2.1	2.2
S.C	3.3	7.7	13.1	20.6	4.7	8.3	10.4	12.6	76.6	51.8	.8	1.0	1.1
Ga	6.5	15.2	24.8	38.5	9.1	16.4	19.6	23.5	80.2	43.3	1.6	1.9	2.0
Fla	9.8	25.3	46.6	75.6	13.7	27.4	36.9	46.3	100.0	69.0	2.5	3.2	3.9
E.S.C	**18.0**	**37.7**	**62.9**	**99.1**	**25.1**	**40.7**	**49.7**	**60.7**	**62.2**	**49.1**	**4.5**	**4.7**	**5.2**
Ky	4.8	9.9	16.5	25.9	6.7	10.7	13.1	15.9	59.7	48.6	1.2	1.2	1.4
Tenn	5.6	12.1	20.1	32.0	7.9	13.1	15.9	19.6	65.8	49.6	1.4	1.5	1.7
Ala	4.9	10.0	16.8	26.3	6.9	10.8	13.3	16.1	56.5	59.3	1.2	1.3	1.4
Miss	2.6	5.7	9.5	15.0	3.6	6.1	7.5	9.2	69.4	50.8	.7	.7	.8
W.S.C	**30.4**	**64.4**	**110.4**	**184.3**	**42.3**	**69.6**	**87.3**	**112.9**	**64.5**	**62.2**	**7.7**	**8.1**	**9.6**
Ark	2.4	5.4	9.6	14.8	3.4	5.8	7.6	9.1	70.6	56.9	.6	.7	.8
La	5.4	11.0	18.3	30.0	7.5	11.9	14.5	18.4	58.7	54.6	1.4	1.4	1.6
Okla	4.3	8.6	14.2	23.8	6.0	9.3	11.2	14.6	55.0	57.0	1.1	1.1	1.2
Tex	18.2	39.4	68.3	115.7	25.4	42.6	54.1	70.9	67.7	66.4	4.6	5.0	6.0
Mt	**14.2**	**29.7**	**53.0**	**88.1**	**19.8**	**32.1**	**42.0**	**53.9**	**62.1**	**67.9**	**3.6**	**3.7**	**4.6**
Mont	1.3	2.4	4.0	5.8	1.9	2.6	3.2	3.6	36.8	38.5	.3	.3	.3
Idaho	1.2	2.3	4.2	6.7	1.7	2.5	3.3	4.1	47.1	64.0	.3	.3	.3
Wyo	.7	1.2	2.3	4.3	1.0	1.3	1.8	2.7	30.0	107.7	.2	.2	.2
Colo	4.0	8.5	15.3	24.8	5.5	9.2	12.1	15.2	67.3	65.2	1.0	1.1	1.3
N. Mex	1.7	3.1	5.5	9.1	2.4	3.4	4.4	5.5	41.7	61.8	.4	.4	.5
Ariz	2.6	6.5	11.9	20.3	3.7	7.0	9.4	12.5	89.2	78.6	.7	.8	1.1
Utah	1.8	3.4	5.9	9.8	2.5	3.7	4.7	6.0	48.0	62.2	.4	.4	.5
Nev	.8	2.3	3.9	7.2	1.1	2.4	3.1	4.4	118.2	83.3	.2	.3	.4
Pac	**55.7**	**114.9**	**184.3**	**297.4**	**77.6**	**124.2**	**145.8**	**182.1**	**60.1**	**46.6**	**14.1**	**14.5**	**15.5**
Wash	6.7	13.7	22.4	37.0	9.4	14.8	17.7	22.7	57.4	53.4	1.7	1.7	1.9
Oreg	3.9	7.7	13.2	22.3	5.4	8.3	10.4	13.7	53.7	65.1	1.0	1.0	1.2
Calif	43.0	88.6	139.5	225.0	60.0	95.7	110.3	137.8	59.5	44.0	10.9	11.2	11.7
Alaska	.6	1.4	3.5	4.6	.9	1.5	2.8	2.8	66.7	86.7	.2	.2	.2
Hawaii	1.4	3.5	5.7	8.5	2.0	3.8	4.5	5.2	90.0	36.8	.4	.4	.4

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1979 and April 1980; and unpublished data. Some data computed by Bureau of the Census.

NO. 740. PERSONAL INCOME PER CAPITA—STATES: 1960 TO 1979

[1979 preliminary. See headnote, table 739]

DIVISION AND STATE	PER CAPITA INCOME IN CURRENT DOLLARS										PER CAPITA INCOME ON CONSTANT (1972) DOLLARS			
	Total (dol.)				Income rank			Percent of U.S.						
	1960	1970	1975	1979	1960	1970	1979	1960	1970	1979	1960	1970	1975	1979
U.S	**2,201**	**3,893**	**5,861**	**8,706**	(x)	(x)	(x)	**100**	**100**	**100**	**3,069**	**4,209**	**4,636**	**5,331**
N.E	**2,419**	**4,245**	**6,027**	**8,816**	(x)	(x)	(x)	**110**	**109**	**101**	**3,371**	**4,586**	**4,781**	**5,402**
Maine	1,825	3,250	4,762	7,057	36	36	46	83	83	81	2,564	3,511	3,781	4,284
N.H	2,172	3,720	5,431	8,231	21	20	30	99	96	95	2,956	4,043	4,294	5,073
Vt	1,864	3,447	4,923	7,280	34	32	44	85	89	84	2,571	3,812	3,805	4,462
Mass	2,436	4,276	6,071	8,844	9	10	16	111	110	102	3,391	4,627	4,629	5,408
R.I	2,182	3,878	5,705	8,266	19	16	29	99	100	95	3,041	4,206	4,516	5,059
Conn	2,839	4,871	6,795	9,959	1	1	3	129	125	114	3,970	5,261	5,392	6,100
M.A	**2,549**	**4,390**	**6,355**	**9,046**	(x)	(x)	(x)	**116**	**113**	**104**	**3,554**	**4,746**	**5,040**	**5,541**
N.Y	2,703	4,605	6,523	9,098	6	4	13	123	118	105	3,771	4,982	5,172	5,570
N.J	2,699	4,684	6,786	9,702	7	2	6	123	120	111	3,769	5,060	5,388	5,947
Pa	2,239	3,879	5,832	8,559	16	15	24	102	100	98	3,125	4,190	4,624	5,243
E.N.C	**2,367**	**4,050**	**6,049**	**9,118**	(x)	(x)	(x)	**108**	**104**	**105**	**3,301**	**4,378**	**4,789**	**5,583**
Ohio	2,322	3,949	5,771	8,775	12	14	18	105	101	101	3,236	4,267	4,568	5,377
Ind	2,149	3,709	5,612	8,686	22	22	20	98	95	100	2,995	4,018	4,443	5,315
Ill	2,617	4,446	6,734	9,823	8	8	5	119	114	113	3,649	4,808	5,341	6,011
Mich	2,327	4,041	6,008	9,269	11	12	11	106	104	107	3,242	4,376	4,762	5,680
Wis	2,178	3,712	5,616	8,419	20	21	26	99	95	97	3,029	4,019	4,434	5,148
W.N.C	**2,022**	**3,657**	**5,722**	**8,460**	(x)	(x)	(x)	**92**	**94**	**97**	**2,820**	**3,949**	**4,515**	**5,182**
Minn	2,065	3,819	5,785	8,760	25	18	19	94	98	101	2,891	4,142	4,547	5,369
Iowa	1,960	3,643	5,907	8,589	30	29	23	89	94	99	2,721	3,919	4,664	5,272
Mo	2,091	3,654	5,475	8,132	23	28	32	95	94	93	2,913	3,968	4,311	4,972
N. Dak	1,681	3,077	5,896	7,774	40	42	33	76	79	89	2,366	3,387	4,688	4,718
S. Dak	1,758	3,108	4,995	7,334	39	40	41	80	80	84	2,489	3,293	3,959	4,499
Nebr	2,009	3,657	5,887	8,341	26	27	27	91	94	96	2,823	3,965	4,657	5,083
Kans	2,085	3,725	5,955	9,055	24	19	14	95	96	104	2,886	4,046	4,679	5,530
S.A	**1,837**	**3,562**	**5,482**	**8,158**	(x)	(x)	(x)	**83**	**91**	**94**	**2,564**	**3,850**	**4,343**	**4,995**
Del	2,735	4,468	6,573	9,557	4	7	8	124	115	110	3,786	4,900	5,181	5,842
Md	2,319	4,267	6,401	9,150	13	11	12	105	110	105	3,244	4,622	5,079	5,593
D.C	2,829	4,644	7,292	10,911	(x)	(x)	(x)	129	119	125	3,922	5,026	5,767	6,707
Va	1,882	3,677	5,770	8,605	33	[1] 24	22	86	94	99	2,634	3,971	4,550	5,272
W. Va	1,592	3,038	4,968	7,470	43	45	36	72	78	86	2,213	3,255	3,938	4,579
N.C	1,577	3,200	4,943	7,359	[1] 44	38	39	72	82	85	2,209	3,452	3,923	4,513
S.C	1,396	2,951	4,665	7,027	48	47	47	63	76	81	1,965	3,196	3,697	4,297
Ga	1,645	3,300	5,029	7,515	42	35	34	75	85	86	2,300	3,560	3,979	4,593
Fla	1,962	3,698	5,634	8,532	29	23	25	89	95	98	2,738	4,001	4,471	5,226
E.S.C	**1,490**	**2,936**	**4,652**	**7,029**	(x)	(x)	(x)	**68**	**75**	**81**	**2,079**	**3,170**	**3,672**	**4,303**
Ky	1,576	3,076	4,882	7,342	46	43	40	72	79	84	2,203	3,312	3,862	4,508
Tenn	1,577	3,079	4,823	7,299	[1] 44	41	42	72	79	84	2,210	3,327	3,804	4,475
Ala	1,510	2,892	4,634	6,976	47	48	48	69	74	80	2,108	3,130	3,680	4,272
Miss	1,196	2,547	4,042	6,167	50	50	50	54	65	71	1,650	2,748	3,191	3,788
W.S.C	**1,785**	**3,323**	**5,290**	**8,204**	(x)	(x)	(x)	**81**	**85**	**94**	**2,487**	**3,590**	**4,164**	**5,024**
Ark	1,358	2,791	4,527	6,785	49	49	49	62	72	78	1,901	3,002	3,598	4,174
La	1,650	3,023	4,808	7,477	41	46	35	75	78	86	2,301	3,258	3,787	4,579
Okla	1,850	3,341	5,233	8,226	35	34	31	84	86	95	2,568	3,623	4,106	5,048
Tex	1,894	3,507	5,583	8,649	32	31	21	86	90	99	2,639	3,791	4,401	5,299
Mt	**2,054**	**3,557**	**5,509**	**8,254**	(x)	(x)	(x)	**93**	**91**	**95**	**2,863**	**3,845**	**4,361**	**5,050**
Mont	1,983	3,395	5,387	7,412	28	33	38	90	87	85	2,798	3,725	4,284	4,580
Idaho	1,812	3,243	5,205	7,446	38	37	37	82	83	86	2,534	3,482	4,049	4,530
Wyo	2,210	3,672	6,127	9,657	17	26	7	100	94	111	3,021	3,892	4,775	6,000
Colo	2,247	3,838	6,006	8,945	15	17	15	102	99	103	3,109	4,139	4,747	5,483
N. Mex	1,815	3,045	4,836	7,294	37	44	43	82	78	84	2,516	3,324	3,839	4,432
Ariz	1,994	3,614	5,364	8,305	27	30	28	91	93	95	2,801	3,906	4,273	5,102
Utah	1,954	3,169	4,903	7,185	31	39	45	89	81	83	2,778	3,471	3,897	4,389
Nev	2,793	4,583	6,636	10,204	2	6	2	127	118	117	3,780	4,868	5,741	6,268
Pac	**2,608**	**4,317**	**6,523**	**9,764**	(x)	(x)	(x)	**118**	**111**	**112**	**3,632**	**4,669**	**5,149**	**5,977**
Wash	2,352	3,997	6,300	9,435	10	13	9	107	103	108	3,292	4,336	4,968	5,782
Oreg	2,195	3,677	5,764	8,842	18	[1] 24	17	100	94	102	3,047	3,950	4,541	5,421
Calif	2,710	4,423	6,580	9,913	5	9	4	123	114	114	3,781	4,783	5,199	6,072
Alaska	2,740	4,638	9,673	11,252	3	3	1	124	119	129	3,930	4,934	7,388	6,897
Hawaii	2,300	4,599	6,711	9,353	14	5	10	104	118	107	3,115	4,910	5,184	5,683

X Not applicable. [1] In order to have the lowest rank equal to the number of States, the following numbers are omitted: 25 and 45; and the following States share the same rank: Oreg. and Va., 24; and N.C. and Tenn., 44.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, October 1979 and April 1980; and unpublished data.

NO. 741. RATIO OF TRANSFER PAYMENTS TO TOTAL PERSONAL INCOME—INDEX, BY STATE: 1965 TO 1978

DIVISION AND STATE	TOTAL				INCOME MAINTENANCE [1]				UNEMPLOYMENT COMPENSATION [2]				RETIREMENT AND OTHER [3]			
	1965	1970	1975	1978	1965	1970	1975	1978	1965	1970	1975	1978	1965	1970	1975	1978
Transfer payments to total personal income (percent)	7.6	10.1	14.3	13.1	.8	1.2	1.8	1.4	.4	.5	1.4	.6	6.4	8.3	11.0	11.1
Index: U.S. ratio = 100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
N.E	**98**	**100**	**109**	**105**	**85**	**98**	**115**	**115**	**118**	**149**	**157**	**123**	**99**	**97**	**102**	**103**
Maine	127	127	131	133	105	106	*140*	*122*	*77*	*117*	*113*	*140*	*133*	*131*	*132*	*134*
N.H	105	99	101	95	61	53	63	52	57	53	92	47	114	108	109	103
Vt	120	113	118	112	94	101	122	110	114	106	139	125	124	115	113	111
Mass	105	106	116	110	94	120	149	147	155	143	168	130	103	101	105	105
R.I	115	117	131	127	108	104	112	115	114	200	230	219	116	114	121	123
Conn	74	79	87	84	65	67	64	73	84	172	146	104	75	75	82	85
M.A	**99**	**102**	**106**	**112**	**82**	**120**	**118**	**133**	**130**	**119**	**136**	**168**	**99**	**99**	**100**	**106**
N.Y	100	105	108	116	95	143	140	160	148	119	127	151	97	98	101	109
N.J	84	85	92	94	54	77	90	92	130	142	162	202	85	83	84	89
Pa	107	111	111	117	78	109	101	119	98	100	130	174	112	112	111	114
E.N.C	**86**	**87**	**91**	**89**	**68**	**68**	**90**	**89**	**61**	**92**	**108**	**105**	**90**	**89**	**89**	**88**
Ohio	95	88	95	95	80	64	83	81	66	66	97	88	99	93	96	98
Ind	84	84	85	81	30	33	42	40	45	64	85	56	94	93	91	88
Ill	81	82	85	86	76	76	104	93	66	75	86	130	83	84	82	83
Mich	82	89	100	88	73	86	112	115	57	158	170	118	84	85	88	83
Wis	93	95	92	94	49	56	77	94	77	104	88	100	100	100	94	94
W.N.C	**102**	**100**	**91**	**92**	**99**	**77**	**63**	**60**	**64**	**74**	**68**	**75**	**105**	**105**	**98**	**97**
Minn	101	95	89	86	91	78	70	63	82	79	79	79	104	98	93	90
Iowa	96	100	85	88	72	79	51	54	32	60	54	95	104	106	93	92
Mo	107	104	104	102	138	90	82	72	68	91	96	84	106	107	108	107
N. Dak	101	111	79	88	96	90	56	49	102	57	32	89	101	117	90	93
S. Dak	109	109	96	100	105	88	80	73	57	34	30	46	114	117	107	106
Neb	96	95	83	88	47	48	37	44	61	40	51	49	104	106	94	96
Kan	100	99	86	89	92	63	45	49	68	87	43	54	103	105	97	96
S.A	**105**	**101**	**106**	**108**	**86**	**72**	**87**	**84**	**55**	**49**	**81**	**61**	**111**	**108**	**112**	**114**
Del	69	72	82	86	53	56	63	71	73	87	116	140	70	74	81	85
Md	81	81	85	90	72	66	73	74	70	62	65	63	83	84	89	93
D.C	135	139	154	159	80	142	172	171	100	96	116	174	144	142	156	157
Va	92	91	93	98	38	48	63	58	30	23	45	53	103	102	104	106
W. Va	153	143	133	137	157	149	109	119	105	70	64	135	156	147	145	140
N.C	97	88	97	95	101	68	92	93	64	58	109	54	99	93	96	98
S.C	99	97	106	102	66	86	118	99	64	70	119	68	106	101	103	104
Ga	97	92	101	97	128	103	112	96	48	45	103	65	97	94	98	99
Fla	130	123	124	131	85	50	71	74	39	30	71	39	142	139	139	144
E.S.C	**118**	**115**	**114**	**112**	**147**	**133**	**126**	**120**	**75**	**77**	**89**	**84**	**118**	**115**	**114**	**112**
Ky	125	114	112	110	143	124	130	121	91	79	85	96	126	115	112	109
Tenn	107	107	108	104	97	110	104	103	82	91	100	79	110	108	108	106
Ala	118	117	116	115	186	133	118	115	64	72	92	93	113	117	118	117
Miss	130	130	124	125	190	196	179	165	57	51	65	58	128	125	123	123
W.S.C	**107**	**101**	**92**	**90**	**165**	**103**	**87**	**74**	**64**	**55**	**45**	**46**	**103**	**103**	**99**	**94**
Ark	146	138	126	126	180	150	133	116	91	85	97	93	146	140	127	129
La	114	111	98	96	280	187	137	119	82	108	61	95	96	100	97	93
Okla	132	118	108	105	282	130	95	85	64	53	56	33	118	120	117	112
Tex	*93*	*89*	*82*	*80*	*101*	*67*	*65*	*55*	*52*	*36*	*31*	*30*	*95*	*96*	*92*	*86*
Mt	**105**	**102**	**95**	**94**	**114**	**88**	**74**	**63**	**105**	**68**	**72**	**70**	**104**	**106**	**101**	**100**
Mont	114	110	95	103	87	67	59	56	102	75	65	111	118	118	105	109
Idaho	104	106	93	91	80	63	56	53	102	94	63	95	108	113	101	96
Wyo	97	92	71	66	72	46	29	24	91	43	25	44	101	102	84	73
Colo	107	97	85	86	163	103	74	62	64	38	47	56	103	100	92	91
N. Mex	103	119	109	108	139	165	135	124	98	98	63	60	99	114	110	109
Ariz	119	108	110	109	108	76	84	60	120	57	99	61	120	116	117	117
Utah	96	98	91	90	85	78	58	58	141	96	73	79	94	101	98	95
Nev	78	78	89	83	46	37	45	33	191	115	143	96	75	82	90	88
Pac	**107**	**109**	**101**	**98**	**143**	**148**	**123**	**127**	**195**	**166**	**102**	**107**	**96**	**99**	**98**	**94**
Wash	114	115	104	99	99	107	87	80	139	270	108	98	114	107	106	102
Oreg	114	114	108	102	81	76	86	94	107	140	108	93	119	118	110	103
Calif	107	109	101	99	158	164	130	138	216	155	101	104	93	98	97	94
Alaska	55	62	57	63	100	134	194	108	180	181	79	374	41	43	37	41
Hawaii	68	72	86	95	57	76	119	149	95	102	88	112	67	70	81	87

[1] Federal, State, and local direct welfare payments (including supplemental security income payments), food stamp payments, and payments made through several other relief programs, such as refugee assistance. [2] Payments to unemployed workers through State, Federal, and railroad unemployment insurance programs. [3] Includes retirement and disability payments made through the social security programs and through railroad, military, and Federal civilian retirement programs; Medicare; educational assistance to veterans and others; and miscellaneous transfers, such as business transfer payments.

Source: U.S. Bureau of Economic Analysis, unpublished data.

No. 742. Gross Saving and Investment: 1960 to 1979

[**In billions of dollars.** See *Historical Statistics, Colonial Times to 1970,* series F 552-565, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Gross saving	**78.9**	**115.4**	**143.4**	**177.5**	**219.8**	**210.1**	**195.4**	**236.2**	**276.1**	**324.6**	**364.7**
Gross private saving	**75.8**	**114.9**	**151.9**	**180.4**	**213.8**	**215.7**	**259.8**	**271.9**	**295.6**	**324.9**	**350.1**
Personal saving	17.1	30.3	50.6	49.4	72.7	74.0	83.6	68.6	65.0	72.0	73.8
Undistributed corporate profits	11.0	27.1	10.5	25.9	24.1	7.6	14.2	25.5	35.2	36.0	33.4
Undistributed profits	13.0	25.2	14.1	30.0	40.9	48.4	38.7	54.7	62.4	74.3	91.9
Inventory valuation adjustment	.3	−1.9	−5.1	−6.6	−18.4	−38.5	−12.4	−14.6	−15.2	−25.2	−41.8
Capital consumption adjustment	−2.3	3.8	1.5	2.5	1.6	−2.3	−12.0	−14.5	−12.0	−13.1	−16.7
Capital consumption allowances:											
Corporate [1]	27.5	33.7	55.1	65.4	71.9	82.1	101.3	111.6	121.3	132.9	147.7
Noncorporate [1]	20.2	23.8	35.7	40.0	45.2	52.0	60.7	66.1	74.1	84.0	95.3
Government surplus or deficit (−) [2]	**3.1**	**.5**	**−9.4**	**−3.5**	**6.0**	**−3.6**	**−64.4**	**−35.7**	**−19.5**	**−.3**	**13.5**
Federal	3.0	.5	−12.1	−17.3	−6.9	−11.7	−70.6	−53.6	−46.3	−27.7	−11.2
State and local	.1	(−Z)	2.8	13.7	12.9	8.1	6.2	17.9	26.8	27.4	24.7
Capital grants received (net) [3]	–	–	**.9**	**.7**	.7	–	–	–	–	–	1.1
Gross investment	**78.2**	**116.3**	**141.4**	**179.2**	**220.2**	**209.5**	**202.8**	**242.3**	**283.6**	**327.9**	**367.6**
Gross private domestic investment	76.4	112.0	140.8	188.3	220.5	212.2	190.9	243.0	303.3	351.5	387.2
Net foreign investment	1.7	4.3	.5	−9.0	−.3	−2.8	11.9	−.7	−19.6	−23.5	−19.5
Statistical discrepancy	**−.7**	**.9**	**−2.1**	**1.7**	**.4**	**−.6**	**7.4**	**6.1**	**7.5**	**3.3**	**2.9**

– Represents zero. Z Less than $50 million. [1] With capital consumption adjustment. [2] National income and product accounts. [3] Received by U.S.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74,* and *Survey of Current Business,* July issues and March 1980.

No. 743. Flow of Funds Accounts—Composition of Individuals' Saving: 1960 to 1979

[**In billions of dollars.** Individuals' saving represents combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (−) denotes decrease. See *Historical Statistics, Colonial Times to 1970,* series F 566-594, for similar but not exactly comparable data]

COMPOSITION OF SAVING	1960	1965	1970	1974	1975	1976	1977	1978	1979
Increase in financial assets [1]	**32.5**	**59.0**	**78.8**	**142.4**	**167.2**	**208.1**	**241.7**	**275.3**	**280.7**
Demand deposits and currency	1.0	7.5	8.9	7.1	4.0	14.9	22.7	18.3	7.6
Savings accounts	12.1	27.8	43.6	55.9	84.0	109.3	109.2	105.2	86.0
Money market fund shares	–	–	–	2.4	1.3	(Z)	.2	6.9	34.4
Securities [1]	4.3	3.1	−3.0	32.3	23.4	11.6	18.5	37.3	34.8
U.S. savings bonds	−.3	.6	.3	3.0	4.0	4.7	4.7	3.9	−.8
Other U.S. Treasury securities	.5	.2	−11.3	12.7	15.7	1.5	5.6	13.3	24.5
U.S. Government agency securities	−.5	1.2	4.6	3.8	−3.0	3.3	5.4	9.7	17.0
State and local obligations	2.6	1.8	−.9	8.3	6.2	2.5	2.6	3.3	−.8
Corporate and foreign bonds	.7	.5	9.5	5.1	8.4	5.8	−3.3	−1.4	3.3
Open market paper	1.7	.8	−3.8	1.7	−4.4	−3.1	9.6	14.6	4.4
Private life insurance reserves	3.2	4.7	5.4	6.6	8.5	8.2	11.4	11.7	11.8
Private pension reserves	5.3	7.5	9.7	17.1	19.9	26.5	31.6	39.1	41.5
Govt. insurance and pension reserves	3.2	4.7	8.9	12.6	15.1	17.9	22.4	27.1	29.8
Gross investment in tangible assets	**80.8**	**111.5**	**142.4**	**201.8**	**215.0**	**257.0**	**308.6**	**352.2**	**373.9**
Nonfarm homes	21.1	21.9	24.5	42.9	43.0	57.5	76.3	92.0	95.8
Nonresidence fixed assets [2]	15.5	24.6	32.6	40.9	39.7	43.0	50.7	57.3	63.9
Consumer durables	43.1	62.8	84.9	122.0	132.6	157.4	178.8	200.3	212.8
Inventories [2]	1.1	2.2	.4	−4.0	−.3	−.8	2.7	2.6	1.4
Capital consumption allowances	**56.8**	**66.6**	**100.8**	**147.2**	**167.8**	**184.5**	**203.8**	**228.7**	**255.5**
Nonfarm homes	6.8	8.5	12.8	19.8	22.2	24.4	28.2	32.8	38.0
Nonresidence fixed assets [2]	13.5	15.6	23.2	34.1	39.6	43.2	47.6	53.0	59.3
Consumer durables	36.5	42.5	64.7	93.4	106.0	116.8	128.0	142.8	158.2
Net investment in tangible assets	**24.0**	**44.9**	**41.6**	**54.6**	**47.2**	**72.6**	**104.9**	**123.5**	**118.5**
Nonfarm homes	14.3	13.4	11.7	23.1	20.8	33.1	48.1	59.2	57.8
Nonresidence fixed assets [2]	2.0	9.0	9.4	6.8	.1	−.2	3.2	4.3	4.6
Consumer durables	6.7	20.2	20.2	28.6	26.6	40.6	50.9	57.5	54.6
Inventories [2]	1.1	2.2	.4	−4.0	−.3	−.8	2.7	2.6	1.4
Net increase in debt [1]	**20.8**	**40.2**	**34.3**	**68.0**	**64.5**	**116.0**	**173.8**	**200.6**	**208.6**
Mortgage debt on nonfarm homes	11.7	17.0	14.1	35.4	38.1	61.3	93.2	103.8	107.3
Other mortgage debt [2]	2.5	6.5	8.5	12.7	7.4	10.8	18.9	21.0	27.0
Consumer credit	4.4	10.6	5.4	9.9	9.7	25.6	40.6	50.6	42.3
Individuals' saving	**35.6**	**63.8**	**86.1**	**128.9**	**150.0**	**164.6**	**172.8**	**198.2**	**190.6**
Less: Govt. insurance and pension reserves	3.2	4.7	8.9	12.6	15.1	17.9	22.4	27.1	29.8
Net investment in consumer durables	6.7	20.2	20.2	28.6	26.6	40.6	50.9	57.5	54.6
Capital gains dividends from investment cos	.4	.9	.9	.5	.2	.5	.6	.7	.8
Net saving by farm corporations	−.1	(Z)	−.1	−.1	(Z)	−.5	−.6	−.8	−.7
Equals: Personal saving (flow of funds) [3]	**25.5**	**37.9**	**56.2**	**87.4**	**108.1**	**106.2**	**99.7**	**113.8**	**106.1**

– Represents zero. Z Less than $50 million. [1] Includes items not shown separately. [2] Includes corporate farms. [3] Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisitions of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts,* quarterly.

No. 744. Money Income of Families—Percent Distribution by Income Level, by Race of Householder, in Current and Constant (1979) Dollars: 1950 to 1979

(Families as of **March** of following year. Prior to 1960, excludes *Alaska* and *Hawaii*. Based on Current Population Survey; see text, pp. 1 and 435. Beginning 1975, data not strictly comparable with earlier years due to revised procedures; see text, p. 436. Excludes inmates of institutions and Armed Forces, except Armed Forces living off post or with their families on post. Includes a small number of families with no money income. For definition of race, family, and householder, see text, pp. 3 and 4. See *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and, for data in 1967 dollars, series G 197-199)

Race of family head and year	Total families (1,000)	Percent distribution of families, by income level (in dollars)— Under 2,500	2,500-4,999	5,000-7,499	7,500-9,999	10,000-12,499	12,500-14,999	15,000-19,999	20,000-24,999	25,000-34,999	35,000-49,999	50,000 and over
CURRENT DOLLARS												
All families:												
1950	39,929	33.7	43.1	15.8	4.2				3.2			
1955	42,889	23.1	35.6	25.9	9.2	3.5	1.3	.6	.3	.5		
1960 [1]	45,539	17.5	24.5	28.4	15.2	7.5	3.1	2.1	.8	.9		
1965 [1]	48,509	12.4	19.2	24.1	19.0	11.9	5.8	4.6	1.5	1.4		
1970 [1]	52,227	6.6	12.6	15.2	16.6	15.8	11.0	13.1	4.6	3.0	1.1	.5
1975	56,245	3.5	8.5	10.6	10.6	11.4	10.9	18.8	11.6	9.5	3.2	1.4
1977	57,215	2.9	6.5	9.2	9.0	9.3	9.2	17.8	13.9	14.5	5.3	2.6
1978	57,804	2.6	5.6	7.8	8.1	8.5	8.2	16.9	14.5	17.6	6.7	3.6
1979 [2]	58,385	2.2	4.7	6.4	7.1	8.3	7.3	15.0	14.4	19.2	10.3	5.2
White:												
1950	(NA)	30.7	44.5	16.8	4.4				3.6			
1955	38,982	20.4	35.5	27.4	9.9	3.8	1.5	.7	.3	.5		
1960 [1]	41,123	15.1	23.8	29.6	16.2	7.9	3.3	2.2	.9	1.0		
1965 [1]	43,497	10.6	17.7	24.6	20.0	12.6	6.2	5.0	1.7	1.6		
1970 [1]	46,535	5.6	11.4	14.6	16.8	16.4	11.5	13.8	4.9	3.2	1.2	.6
1975	49,873	2.8	7.4	10.0	10.4	11.4	11.2	19.5	12.2	10.1	3.4	1.5
1977	50,530	2.3	5.3	8.4	8.6	9.2	9.3	18.4	14.6	15.4	5.7	2.8
1978	50,910	2.1	4.4	7.2	7.7	8.4	8.2	17.3	15.2	18.4	7.2	4.0
1979 [2]	51,350	1.7	3.7	5.6	6.6	8.1	7.3	15.3	14.9	20.1	10.9	5.7
Black and other races:												
1950	(NA)	65.4	29.2	4.1	1.1				.2			
1955	3,907	49.3	36.4	11.7	2.0	.4	.2	–	–	–		
1960 [1]	4,333	39.8	31.2	18.0	6.2	3.4	.9	.4	.2	–		
1965 [1]	4,762	28.2	32.7	20.0	10.1	5.3	2.3	1.0	.2	1		
1970 [1]	5,413	15.7	21.5	20.1	14.5	10.8	6.5	7.4	2.1	1.1	.3	.1
1975	6,372	8.5	17.7	14.6	12.5	11.3	8.8	13.2	6.8	4.9	1.2	.3
1977	6,685	7.5	15.3	14.8	11.8	9.8	8.1	13.0	9.0	7.7	2.2	.8
1978	6,894	6.4	14.1	11.9	10.8	9.4	8.0	14.2	9.2	11.9	3.2	1.0
1979 [2]	7,035	5.8	12.1	12.1	10.4	10.2	7.3	12.3	10.2	12.5	5.4	1.8
CONSTANT (1978) DOLLARS												
All families:												
1950	39,929	10.0	10.2	14.9	15.3				49.6			
1955	42,889	7.2	9.0	11.0	11.7	17.1	10.3	18.7	7.0	8.0		
1960 [1]	45,539	5.2	8.2	9.2	9.8	14.5	9.5	21.1	9.0	13.4		
1965 [1]	48,509	3.5	6.7	8.0	8.6	9.6	9.9	22.9	10.8	20.1		
1970 [1]	52,227	2.4	5.0	6.7	7.2	8.2	7.9	22.2	11.6	18.1	6.9	3.7
1975	56,245	2.5	4.6	7.4	7.6	8.1	8.1	16.5	14.7	19.3	7.3	3.8
1977	57,215	2.5	4.4	7.1	7.6	7.6	7.7	15.7	14.4	20.5	8.1	4.5
1978	57,804	2.4	4.6	6.6	7.2	7.6	7.5	15.3	14.8	20.7	8.4	4.9
1979 [2]	58,385	2.2	4.7	6.4	7.1	8.3	7.3	15.0	14.4	19.2	10.3	5.2
White:												
1950	(NA)	8.7	9.3	14.2	15.2				52.5			
1955	38,982	6.2	7.9	10.3	11.3	17.6	10.7	19.8	7.5	8.8		
1960 [1]	41,123	4.3	7.1	8.5	9.4	14.8	9.7	22.3	9.6	14.3		
1965 [1]	43,497	2.9	5.8	7.1	7.9	9.4	10.0	24.0	11.4	21.6		
1970 [1]	46,535	2.1	4.3	6.1	6.7	7.9	7.8	22.8	12.0	19.0	7.4	4.0
1975	49,873	2.0	3.8	6.7	7.4	7.9	8.0	16.8	15.2	20.4	7.7	4.1
1977	50,530	2.0	3.5	6.3	7.2	7.3	7.6	16.0	15.0	21.6	8.6	4.9
1978	50,910	1.9	3.6	6.0	6.8	7.4	7.5	15.4	15.4	21.7	8.9	5.4
1979 [2]	51,350	1.7	3.7	5.6	6.6	8.1	7.3	15.3	14.9	20.1	10.9	5.7
Black and other races:												
1950	(NA)	24.4	20.9	22.6	15.2				16.9			
1955	3,907	17.7	19.6	18.1	15.1	12.6	6.2	8.0	1.8	.9		
1960 [1]	4,333	13.9	18.5	15.5	13.5	12.2	7.0	10.9	4.0	4.4		
1965 [1]	4,762	8.5	15.1	15.9	14.9	11.2	8.7	13.6	5.4	6.7		
1970 [1]	5,413	5.7	11.7	12.1	11.2	11.1	8.9	16.8	7.9	10.4	3.1	1.1
1975	6,372	5.8	11.0	13.1	10.6	9.5	8.9	14.1	10.9	11.7	3.3	1.2
1977	6,685	6.2	11.4	13.3	10.8	9.6	7.9	13.1	10.0	12.2	3.9	1.6
1978	6,894	5.7	12.0	11.2	10.4	8.9	7.6	14.2	10.1	14.2	4.2	1.5
1979 [2]	7,035	5.8	12.1	12.1	10.4	10.2	7.3	12.3	10.2	12.5	5.4	1.8

– Represents zero or rounds to zero. NA Not available. [1] Data for "all families" revised using population controls based on the 1970 Census of Population. These controls were not available by race. [2] Based on householder concept. Restricted to primary families; see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 125.

No. 745. Money Income of Families—Median Family Income in Current and Constant (1979) Dollars, and Index, by Race: 1950 to 1979

[1960-1970, data for "all families" revised using population controls based on the 1970 Census of Population. These controls were not available by race. See headnote, table 744. For definition of median, see Guide to Tabular Presentation]

Year	Current dollars						Constant (1979) dollars					
	Median income			Index (1947 = 100)			Median income			Index (1947 = 100)		
	All families	White	Black and other	All families	White	Black and other	All families	White	Black and other	All families	White	Black and other
1950	3,319	3,445	1,869	110	109	116	10,008	10,388	5,636	102	101	107
1955	4,418	4,613	2,544	146	146	158	11,976	12,505	6,896	122	122	131
1960	5,620	5,835	3,230	185	185	200	13,774	14,301	7,917	140	139	151
1965	6,957	7,251	3,993	230	230	247	16,005	16,681	9,186	162	163	175
1970	9,867	10,236	6,516	326	324	404	18,444	19,134	12,180	187	187	232
1971	10,285	10,672	6,714	339	338	416	18,433	19,127	12,033	187	186	229
1972	11,116	11,549	7,106	367	366	440	19,287	20,038	12,329	196	195	235
1973	12,051	12,595	7,596	398	399	471	19,684	20,572	12,407	200	201	237
1974	12,902	13,408	8,578	426	425	531	18,990	19,735	12,626	193	192	241
1975	13,719	14,268	9,321	453	452	578	18,502	19,242	12,571	188	188	240
1976	14,958	15,537	9,821	494	492	608	19,073	19,811	12,522	194	193	239
1977	16,009	16,740	10,142	528	530	628	19,176	20,051	12,148	195	195	232
1978	17,640	18,368	11,754	582	582	728	19,626	20,436	13,077	199	199	249
1979[1]	19,684	20,524	12,358	649	650	766	19,684	20,524	12,358	200	200	236

[1] Based on householder concept. Restricted to primary families; see source.

No. 746. Families and Aggregate Money Income—Percent Distribution, by Family Income Level: 1970 to 1978

[**Families in thousands and aggregate income in billions of dollars, except percent.** See headnote, table 744]

Income level	Families					Aggregate income				
	1970	1975	1976	1977	1978	1970	1975	1976	1977	1978
Total U.S	**51,948**	**56,245**	**56,710**	**57,215**	**57,804**	**577**	**874**	**957**	**1,045**	**1,161**
PERCENT DISTRIBUTION										
Under $5,000	19.1	12.0	10.3	9.3	8.2	5.0	2.4	1.8	1.5	1.2
$5,000-$6,999	11.9	8.3	7.8	7.2	6.1	6.4	3.2	2.8	2.4	1.8
$7,000-$9,999	19.9	12.8	11.8	10.9	9.7	15.2	7.0	5.9	5.0	4.1
$10,000-$11,999	12.7	8.9	8.1	7.2	6.7	12.4	6.3	5.2	4.3	3.7
$12,000-$14,999	14.1	13.4	12.2	11.3	9.9	16.9	11.6	9.7	8.3	6.6
$15,000-$24,999	17.7	30.4	32.0	31.7	31.4	29.4	37.3	36.6	33.8	30.7
$25,000-$49,999	4.1	12.7	15.9	19.8	24.3	13.6	26.0	30.0	34.9	39.6
$50,000 and over	.5	1.4	1.9	2.6	3.6	2.9	6.3	8.0	9.9	12.4

Source of tables 745 and 746: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 80, 105, 114, 118, and 123.

No. 747. Aggregate Money Income—Total and Per Capita, in Counties Within 50 Miles of Coastal Shorelines: 1959 to 1977

[**1959** and **1969** as of **April 1** and based on census data; **1977** as of **July 1** and based on income estimates developed for Federal revenue-sharing allocations; for details, see *Current Population Reports*, series P-25, No. 699. Excludes Alaska and Hawaii. Great Lakes includes St. Lawrence River region. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of coastal shorelines listed. For population and land area of those regions, see table 6]

Region	Aggregate income						Per capita income (dol.)			Aggregate income per square mile ($1,000)		
	Total (bil. dol.)			Percent of U.S.								
	1959	1969	1977	1959	1969	1977	1959	1969	1977	1959	1969	1977
U.S. total	**330.0**	**630.3**	**1,243.3**	**100.0**	**100.0**	**100.0**	**1,849**	**3,117**	**5,742**	**111**	**213**	**420**
Coastal regions	191.9	372.9	707.6	58.1	59.2	56.9	2,073	3,438	6,168	416	809	1,513
Atlantic	87.8	169.2	305.6	26.6	26.8	24.6	2,112	3,512	6,134	727	1,400	2,502
Pacific	37.3	78.6	157.0	11.3	12.5	12.6	2,221	3,657	6,611	317	667	1,334
Great Lakes	54.6	99.6	182.2	16.5	15.8	14.7	2,069	3,398	6,135	426	776	1,362
Gulf of Mexico	12.1	25.5	62.8	3.7	4.0	5.0	1,556	2,691	5,484	129	272	668
Balance of U.S	138.1	257.4	535.8	41.8	40.8	43.1	1,608	2,745	5,262	55	103	215

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

No. 748. Money Income of Families—Percent Distribution by Income Level, by Race and Spanish Origin of Householder, and Selected Characteristics: 1978

[Families and residence as of **March 1979.** See headnote, table 744. For definitions, see text, p. 3; and for definition of median, see *Guide to Tabular Presentation.* See *Historical Statistics, Colonial Times to 1970,* series G1-8 for U.S. data on total, White, and Black and other races]

Race of head, region, residence, and educational attainment	Number of families (1,000)	Percent distribution of families, by income level (in $1,000)— Under 5.0	5.0-6.9	7.0-9.9	10.0-11.9	12.0-14.9	15.0-19.9	20.0-24.9	25.0-49.9	50.0 and over	Median income (dol.)
All families [1]	57,804	8.2	6.0	9.8	6.8	9.9	16.9	14.5	24.3	3.6	17,640
White	50,910	6.5	5.6	9.3	6.6	10.0	17.3	15.2	25.5	4.0	18,368
Black	5,906	22.4	9.8	14.0	7.7	10.0	13.9	8.9	12.8	.6	10,879
Spanish origin [2]	2,741	14.6	9.2	14.0	9.6	11.6	16.7	10.9	12.5	1.0	12,566
White:											
Northeast	11,592	5.5	5.7	9.0	6.3	9.4	18.0	15.3	26.8	3.9	18,765
North Central	14,049	5.6	5.3	8.5	6.0	10.1	17.5	16.6	26.6	3.5	19,044
South	15,899	7.9	6.1	10.3	7.2	10.5	17.0	14.3	22.7	3.8	17,149
West	9,370	6.7	5.0	9.0	7.1	9.7	16.0	14.7	26.9	4.8	18,859
In metro. areas	33,265	5.4	4.8	8.1	6.1	9.1	17.0	15.5	29.2	4.8	19,862
In central cities	11,862	7.4	6.1	9.9	6.7	10.1	17.3	14.0	24.1	4.3	17,687
Outside central cities	21,404	4.2	4.1	7.1	5.7	8.5	16.8	16.4	32.0	5.1	20,865
Outside metro. areas	17,645	8.6	7.2	11.5	7.8	11.7	17.7	14.7	18.6	2.3	15,792
Householder completed [3]—											
Elementary school:											
Less than 8 years	3,917	18.3	15.8	17.3	10.4	10.4	11.8	8.0	7.6	.4	9,698
8 years	4,217	11.2	12.6	16.8	8.8	12.5	15.8	9.9	11.8	.7	12,185
High school:											
1-3 years	6,250	8.4	7.1	13.3	9.0	12.3	17.4	13.0	16.4	1.3	15,028
4 years	16,566	4.7	3.8	8.0	6.6	10.5	19.5	18.3	26.3	2.3	19,108
College: 1-3 years	7,349	3.5	3.0	6.5	5.1	8.4	19.5	18.2	32.2	3.7	20,861
4 years or more	9,371	1.8	1.4	2.5	2.9	5.3	13.0	16.0	44.0	13.1	26,599
Black:											
Northeast	1,141	19.2	10.3	15.1	6.2	10.7	13.5	10.8	13.9	.4	11,674
North Central	1,209	18.2	7.5	11.5	8.0	9.0	17.4	8.6	18.3	1.7	13,695
South	3,006	26.0	10.5	14.1	8.0	9.9	12.1	8.3	10.3	.3	9,853
West	549	18.2	10.2	17.5	9.1	10.7	13.2	8.4	12.0	.5	10,815
In metro. areas	4,551	20.7	8.9	13.9	7.2	9.8	14.4	9.7	14.7	.7	11,819
In central cities	3,381	23.6	9.6	13.8	6.7	10.2	13.8	9.1	12.6	.7	10,834
Outside central cities	1,170	12.2	6.6	14.1	8.7	9.0	16.6	11.4	20.7	.9	14,821
Outside metro. areas	1,355	28.4	12.8	14.5	9.2	10.3	11.8	6.1	6.6	.1	8,814
Householder completed [3]—											
Elementary school:											
Less than 8 years	1,054	29.9	15.2	15.0	8.6	10.3	10.5	5.4	4.7	.3	7,861
8 years	415	24.4	14.3	16.5	11.1	10.0	10.6	7.0	5.6	.7	9,126
High school:											
1-3 years	1,233	28.1	10.9	13.7	7.8	9.0	12.3	7.9	9.8	.2	8,940
4 years	1,629	13.3	7.3	14.3	8.4	10.9	17.8	12.4	15.3	.3	13,908
College: 1-3 years	648	13.3	4.6	13.4	8.3	10.8	18.8	10.3	19.6	.8	14,894
4 years or more	385	4.2	2.9	7.0	2.8	7.0	13.7	12.7	45.5	4.2	24,812
Spanish origin [2]:											
Northeast	556	23.9	13.5	13.9	8.3	9.2	13.9	8.5	8.3	.7	9,754
North Central	239	11.0	8.4	12.5	7.5	11.7	21.3	13.4	13.4	.3	14,460
South	847	13.5	8.2	15.4	10.6	12.2	15.7	11.0	12.4	.8	12,400
West	1,099	11.6	7.9	13.3	9.8	12.5	17.9	11.4	14.5	1.4	13,709
In metro. areas	2,332	14.2	8.9	13.9	9.6	11.6	16.8	11.0	12.9	1.1	12,700
In central cities	1,399	17.4	10.4	15.3	9.4	11.3	16.2	9.7	9.8	.6	11,446
Outside central cities	933	9.6	6.8	11.9	9.8	12.1	17.6	12.9	17.6	1.8	14,952
Outside metro. areas	409	16.5	10.5	14.9	9.3	11.9	16.0	10.1	10.0	.6	11,675
Householder completed [3]—											
Elementary school:											
Less than 8 years	837	19.0	12.7	17.6	10.8	13.4	13.5	6.2	6.5	.3	10,113
8 years	198	13.3	9.9	18.0	9.2	13.7	16.1	9.6	9.0	1.0	11,841
High school:											
1-3 years	390	14.7	7.6	17.6	9.4	11.1	17.3	9.8	12.2	.2	12,221
4 years	579	8.0	7.8	10.6	10.1	11.1	19.2	15.0	17.1	.9	15,566
College: 1-3 years	252	5.5	5.0	9.4	6.5	10.4	22.7	18.1	20.3	2.0	17,509
4 years or more	169	4.2	2.0	1.9	5.2	6.1	16.8	21.8	34.8	7.3	22,804

[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Restricted to families with head 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 123.

NO. 749. FAMILIES—PERCENT DISTRIBUTION, BY MONEY INCOME LEVEL AND MEDIAN INCOME IN CONSTANT (1978) DOLLARS, BY REGIONS: 1960 TO 1978

[Families as of **March** of following year. For composition of regions, see fig. I, inside front cover. Beginning 1975, data not strictly comparable with earlier years due to revised procedures. See also headnote, table 744: For definition of median, see Guide to Tabular Presentation]

REGION AND INCOME LEVEL	1960	1965	1970	1975	1978
Northeast:					
Under $3,000	4.1	3.0	2.5	2.4	2.1
$3,000–$4,999	5.5	4.8	4.0	4.1	4.7
$5,000–$6,999	6.6	5.8	5.0	6.5	6.1
$7,000–$9,999	13.6	10.0	8.6	9.5	9.6
$10,000–$11,999	15.1	9.0	6.6	6.9	6.3
$12,000–$14,999	14.1	14.1	11.4	11.5	9.4
$15,000–$24,999	29.8	36.1	35.8	32.7	32.4
$25,000 and over	11.3	17.2	26.1	26.3	29.3
North Central:					
Under $3,000	6.9	3.9	3.2	2.7	2.5
$3,000–$4,999	7.6	5.6	4.0	4.4	4.2
$5,000–$6,999	7.8	6.5	5.8	5.6	5.4
$7,000–$9,999	12.7	10.5	9.1	9.5	8.7
$10,000–$11,999	14.3	8.7	6.6	6.4	6.2
$12,000–$14,999	13.3	14.8	11.7	11.4	10.0
$15,000–$24,999	28.9	34.8	35.7	34.7	33.5
$25,000 and over	8.6	15.3	23.8	25.2	29.4
South:					
Under $3,000	14.1	9.8	5.9	4.9	4.7
$3,000–$4,999	11.1	9.8	6.8	6.7	6.1
$5,000–$6,999	10.7	9.6	7.2	8.0	6.8
$7,000–$9,999	15.9	13.5	12.0	12.0	11.0
South—Con.					
$10,000–$11,999	12.7	9.4	8.4	7.9	7.3
$12,000–$14,999	11.1	13.4	12.4	11.4	10.4
$15,000–$24,999	18.5	24.8	29.3	30.0	29.8
$25,000 and over	6.0	9.8	7.9	19.3	24.0
West:					
Under $3,000	4.4	3.3	3.1	3.1	3.1
$3,000–$4,999	5.1	4.3	4.3	4.5	4.1
$5,000–$6,999	5.9	6.5	6.1	6.7	5.4
$7,000–$9,999	11.3	10.9	8.9	10.8	9.4
$10,000–$11,999	13.5	7.7	7.0	6.2	7.1
$12,000–$14,999	13.2	13.3	11.6	10.1	9.6
$15,000–$24,999	32.6	34.1	34.4	32.5	30.2
$25,000 and over	14.0	19.9	24.5	26.0	30.9
MEDIAN INCOME ($1,000)					
Northeast	13.3	15.7	18.0	17.6	18.2
North Central	12.7	15.1	17.4	17.6	18.6
South	9.7	11.6	14.4	14.8	15.9
West	14.4	15.9	17.3	17.4	18.4

NO. 750. MONEY INCOME OF FAMILIES—CHARACTERISTICS, BY INCOME LEVEL AND RACE: 1978

[See headnote, table 744. For definition of mean and median, see Guide to Tabular Presentation]

RACE AND CHARACTERISTIC	Total	FAMILY INCOME LEVEL OF—								
		Under $3,000	$3,000–$4,999	$5,000–$6,999	$7,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$49,999	$50,000 and over
All families [1] (1,000)	**57,804**	**1,879**	**2,840**	**3,494**	**5,660**	**9,656**	**9,769**	**8,392**	**14,033**	**2,082**
Mean income (dol.)	20,091	1,200	4,023	5,971	8,439	12,387	17,335	22,277	32,753	68,928
Per capita income (dol.)	6,078	406	1,413	2,053	2,883	3,942	5,172	6,486	9,027	18,207
Average number of—										
Persons per family	3.31	2.95	2.85	2.91	2.93	3.14	3.35	3.43	3.63	3.79
Children per family [2]	1.07	1.34	1.11	.97	.93	1.03	1.15	1.15	1.06	.96
Earners per family [3]	1.66	.67	.62	.84	1.03	1.40	1.71	1.91	2.35	2.45
Ratio of nonearners to earners [4]	.99	3.39	3.63	2.45	1.83	1.24	.96	.80	.55	.54
Median school yrs. completed by householder [5]	12.5	11.4	9.6	10.0	11.7	12.3	12.5	12.7	13.1	16.4
White (1,000)	**50,910**	**1,307**	**1,997**	**2,843**	**4,746**	**8,457**	**8,790**	**7,757**	**12,998**	**2,015**
Mean income (dol.)	20,860	949	4,056	5,981	8,453	12,401	17,353	22,295	32,789	68,971
Per capita income (dol.)	6,422	330	1,546	2,163	3,030	4,063	5,265	6,579	9,145	18,337
Average number of—										
Persons per family	3.25	2.87	2.62	2.77	2.79	3.05	3.30	3.39	3.59	3.76
Children per family [2]	1.01	1.15	.86	.83	.80	.97	1.12	1.13	1.03	.96
Earners per family [3]	1.68	.75	.61	.81	.99	1.37	1.69	1.89	2.34	2.42
Ratio of nonearners to earners [4]	.93	2.81	3.30	2.41	1.82	1.23	.95	.79	.53	.55
Median school yrs. completed by householder [5]	12.6	12.0	9.5	9.9	11.7	12.3	12.6	12.7	13.1	16.4
Black (1,000)	**5,906**	**532**	**791**	**578**	**828**	**1,042**	**819**	**524**	**757**	**35**
Mean income (dol.)	13,409	1,803	3,944	5,920	8,361	12,292	17,122	22,067	31,812	65,671
Per capita income (dol.)	3,589	574	1,165	1,652	2,306	3,212	4,410	5,419	7,542	15,222
Average number of—										
Persons per family	3.74	3.14	3.39	3.58	3.63	3.83	3.88	4.07	4.22	4.31
Children per family [2]	1.54	1.81	1.72	1.67	1.60	1.49	1.43	1.41	1.36	.57
Earners per family [3]	1.47	.48	.61	1.00	1.29	1.61	1.86	2.11	2.48	3.14
Ratio of nonearners to earners [4]	1.54	5.55	4.58	2.59	1.81	1.38	1.09	.93	.70	.37
Median school yrs. completed by householder [5]	12.0	10.5	9.8	9.8	11.6	11.9	12.3	12.3	12.7	15.1

[1] Includes other races not shown separately. [2] Related children. [3] Civilian family members only. [4] Civilian persons without earnings in families, divided by total civilian persons 14 years old and over with earnings in families. [5] Householder 25 years old and over.

Source of tables 749 and 750: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 751. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1978) Dollars: 1950 to 1978

[**In thousands of dollars.** See headnote, table 744. Unrelated individuals=persons not living with any relatives. See text, pp. 4 and 436. Beginning 1975, not strictly comparable with earlier years due to revised procedures. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970, series G 179–188*]

RACE AND FAMILY STATUS	1950	1955	1960	1965	1970	1975	1976	1977	1978
CURRENT DOLLARS									
Families with male householder	3.4	4.6	5.9	7.3	10.5	14.8	16.1	17.5	19.2
Married, wife present	3.4	4.6	5.9	7.3	10.5	14.9	16.2	17.6	19.3
Wife in paid labor force	(NA)	5.6	6.9	8.6	12.3	17.2	18.7	20.3	22.1
Wife not in paid labor force	(NA)	4.3	5.5	6.7	9.3	12.6	13.9	15.1	16.2
Other marital status	3.1	4.2	4.9	6.5	9.0	13.0	12.9	14.5	16.0
Families with female householder	1.9	2.5	3.0	3.5	5.1	6.8	7.2	7.8	8.5
Unrelated individuals:									
Male	1.5	1.8	2.5	3.2	4.5	6.6	7.2	7.8	8.9
Female	.8	1.1	1.4	1.8	2.5	4.0	4.3	4.8	5.5
CONSTANT (1978) DOLLARS									
Families with male householder	9.3	11.2	12.9	15.1	17.6	18.0	18.4	18.9	19.2
Married, wife present	9.3	11.2	12.9	15.2	17.7	18.0	18.6	19.0	19.3
Wife in paid labor force	(NA)	13.7	15.2	17.9	20.6	20.9	21.5	21.8	22.1
Wife not in paid labor force	(NA)	10.5	12.2	13.9	15.6	15.5	16.0	16.2	16.2
Other marital status	8.4	10.2	10.7	13.5	15.1	15.8	14.7	15.6	16.0
Families with female householder	5.2	6.0	6.5	7.3	8.6	8.3	8.3	8.4	8.5
Unrelated individuals:									
Male	4.2	4.5	5.5	6.6	7.6	8.0	8.3	8.4	8.9
Female	2.3	2.6	3.0	3.7	4.2	4.8	4.9	5.2	5.5

NA Not available.

No. 752. Money Income of Families and Unrelated Individuals—Percent of Aggregate Income and Income at Selected Positions Received by Each Fifth and Highest 5 Percent: 1960 to 1978

[See headnote, t. 744. Unrelated individuals=persons not living with any relative; see text pp. 3 and 436. For definition of mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970,* series *85–102 and G 124–128*]

ITEM AND INCOME RANK	1960	1965	1970	1975 [1]	1978 [1]
PERCENT OF AGGREGATE INCOME					
All families:					
Lowest fifth	4.8	5.2	5.4	5.4	5.2
Second fifth	12.2	12.2	12.2	11.8	11.6
Middle fifth	17.8	17.8	17.6	17.6	17.5
Fourth fifth	24.0	23.9	23.8	24.1	24.1
Highest fifth	41.3	40.9	40.9	41.1	41.5
Highest 5 percent	15.9	15.5	15.6	15.5	15.6
White:					
Lowest fifth	5.2	5.6	5.8	5.7	5.6
Second fifth	12.7	12.6	12.5	12.1	12.0
Middle fifth	17.8	17.8	17.7	17.6	17.6
Fourth fifth	23.7	23.7	23.6	23.9	23.9
Highest fifth	40.7	40.3	40.5	40.7	41.0
Highest 5 percent	15.7	15.4	15.5	15.4	15.5
Black and other:					
Lowest fifth	3.7	4.7	4.5	4.7	4.2
Second fifth	9.7	10.8	10.6	10.1	9.6
Middle fifth	16.5	16.6	16.8	16.7	16.3
Fourth fifth	25.2	24.7	24.8	25.1	25.1
Highest fifth	44.9	43.2	43.4	43.3	44.7
Highest 5 percent	16.2	15.1	15.4	15.4	15.9
Unrelated individuals:					
Lowest fifth	1.7	2.9	3.3	4.0	4.1
Second fifth	7.3	7.6	7.9	9.0	9.0
Middle fifth	13.7	13.6	13.8	14.7	14.9
Fourth fifth	26.0	25.0	24.4	24.3	23.9
Highest fifth	51.4	50.9	50.7	47.9	48.2
Highest 5 percent	20.2	20.0	20.8	18.7	19.5
INCOME AT SELECTED POSITIONS ($1,000)					
CURRENT DOLLARS					
Mean:					
All families	6.2	7.7	11.1	15.5	20.1
Unrelated individuals	2.5	3.2	4.6	6.6	8.9
All families:					
Upper limit:					
Lowest fifth	2.8	3.5	5.1	6.9	8.7
Second fifth	4.8	5.9	8.3	11.5	14.7
Middle fifth	6.4	7.9	11.3	16.0	20.6
Fourth fifth	8.8	10.8	15.5	22.0	28.6
Highest 5 percent	13.5	16.7	24.3	34.1	44.9
Unrelated individuals:					
Upper limit:					
Lowest fifth	.7	.9	1.4	2.3	3.0
Second fifth	1.2	1.6	2.3	3.8	5.1
Middle fifth	2.4	3.0	4.1	6.2	8.3
Fourth fifth	4.2	5.1	7.2	10.0	13.3
Highest 5 percent	6.6	8.7	12.3	17.1	22.9
CONSTANT (1978) DOLLARS					
Mean:					
All families	13.7	15.9	18.7	18.8	20.1
Unrelated individuals	5.5	6.6	7.7	8.0	8.9
All families:					
Upper limit:					
Lowest fifth	6.1	7.2	8.6	8.4	8.7
Second fifth	10.6	12.1	14.0	13.9	14.7
Middle fifth	14.0	16.4	19.0	19.4	20.6
Fourth fifth	19.4	22.3	26.1	26.7	28.6
Highest 5 percent	29.8	34.5	40.7	41.4	44.9
Unrelated individuals:					
Upper limit:					
Lowest fifth	1.4	1.9	2.3	2.8	3.0
Second fifth	2.6	3.2	3.9	4.6	5.1
Middle fifth	5.3	6.2	6.9	7.5	8.3
Fourth fifth	9.2	10.5	12.1	12.2	13.3
Highest 5 percent	14.6	18.0	20.6	20.7	22.9

[1] Beginning 1975, not strictly comparable with earlier years due to revised procedures.

Source of tables 751 and 752: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 123 and earlier issues.

No. 753. Median Family Money Income—States: 1959 to 1975

[1959 and 1969, families as of April 1960 and April 1970, respectively; 1975, families as of spring 1976. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 205-256]

STATE RANKED BY 1975 MEDIAN INCOME	1959 [1]		1969 [1]		1975 [2]		STATE RANKED BY 1975 MEDIAN INCOME	1959 [1]		1969 [1]		1975 [2]	
	Income	Rank	Income	Rank	Income	Rank		Income	Rank	Income	Rank	Income	Rank
U.S.	**$5,660**	(X)	**$9,586**	(X)	**$14,094**	(X)	Nebr	$4,862	36	$8,562	31	$14,209	25
							Pa	5,719	21	9,554	20	14,153	26
Alaska	7,305	1	12,441	1	22,432	1	Oreg	5,892	17	9,487	22	13,854	27
Hawaii	6,366	8	11,552	3	17,770	2	N. Dak	4,530	40	7,836	39	13,626	28
Md	6,309	9	11,057	5	17,556	3	Mont	5,403	26	8,509	32	13,608	29
N.J	6,786	3	11,403	4	16,432	4	Ariz	5,568	25	9,185	24	13,569	30
Conn	6,887	2	11,808	2	16,244	5	Kans	5,295	28	8,690	30	13,412	31
Ill	6,566	6	10,957	7	16,062	6	Mo	5,127	30	8,908	29	13,011	32
Del	6,197	13	10,209	14	15,732	7	Idaho	5,259	29	8,380	34	12,844	33
Mass	6,272	10	10,833	8	15,531	8	Tex	4,884	34	8,486	33	12,672	34
Mich	6,256	11	11,029	6	15,385	9	La	4,272	41	7,527	43	12,576	35
N.Y	6,371	7	10,609	11	15,268	10	Ga	4,208	43	8,165	37	12,441	36
Calif	6,726	5	10,729	9	15,069	11	Vt	4,890	33	8,928	28	12,415	37
Wis	5,926	15	10,065	15	15,064	12	Fla	4,722	37	8,261	35	12,205	38
Colo	5,780	20	9,552	21	14,992	13	S.C	3,821	48	7,620	42	12,188	39
Wash	6,225	12	10,404	12	14,962	14	Okla	4,620	38	7,720	41	12,172	40
Nev	6,736	4	10,687	10	14,961	15	S. Dak	4,251	42	7,490	44	12,051	41
Ohio	6,171	14	10,309	13	14,822	16	W. Va	4,572	39	7,414	47	12,007	42
Wyo	5,877	18	8,944	27	14,784	17	Maine	4,873	35	8,205	36	11,830	43
Minn	5,573	24	9,928	17	14,740	18	N.C	3,956	45	7,770	40	11,834	44
Va	4,964	32	9,044	25	14,579	19	N. Mex	5,371	27	7,345	38	11,798	45
R.I	5,589	23	9,733	18	14,530	20	Ala	3,937	47	7,263	48	11,785	46
Iowa	5,069	31	9,016	26	14,464	21	Tenn	3,949	46	7,446	45	11,341	47
Ind	5,798	19	9,966	16	14,411	22	Ky	4,051	44	7,439	46	11,010	48
Utah	5,899	16	9,320	23	14,329	23	Ark	3,184	49	6,271	49	10,106	49
N.H	5,636	22	9,682	19	14,258	24	Miss	2,884	50	6,068	50	9,999	50

X Not applicable. [1] From the 1960 and 1970 censuses of population. Based on sample; see Appendix III. [2] From the 1976 Survey of Income and Education (SIE), based on a sample of 151,000 households; for details, see source.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; *Current Population Reports*, series P-60, Nos. 110-113; and unpublished data.

No. 754. Median Money Income of 4-Person Families—States: 1969 to 1978

[Except 1969, estimates based on a linear regression model using data from March Current Population Survey, 1970 Census of Population, and per capita personal income estimates from the U.S. Bureau of Economic Analysis. For definition of median, see Guide to Tabular Presentation]

STATE	MEDIAN INCOME (dol.)				Percent change, 1969-1978	STATE	MEDIAN INCOME (dol.)				Percent change, 1969-1978
	1969	1975	1978				1969	1975	1978		
			Total	Rank					Total	Rank	
U.S	**10,782**	**15,848**	**20,428**	(X)	**89.5**	Mo	10,277	14,996	19,268	32	87.5
						Mont	9,337	14,900	17,878	46	91.5
Ala	8,825	14,018	18,352	41	108.0	Nebr	9,651	15,381	19,319	31	100.2
Alaska	13,048	25,638	27,572	1	111.3	Nev	11,565	16,945	21,106	15	82.5
Ariz	10,543	15,829	20,863	19	97.9	N.H	10,647	14,954	20,247	25	90.2
Ark	7,951	12,969	15,669	50	97.1	N.J	12,456	17,984	22,189	7	78.1
Calif	11,918	17,393	22,294	5	87.1	N. Mex	8,934	13,954	18,738	36	109.7
Colo	10,612	16,928	21,778	10	105.2	N. Y	11,654	16,105	19,660	30	68.7
Conn	12,668	17,781	22,278	6	75.9	N. C	9,104	13,883	18,058	43	98.4
Del	11,166	16,243	21,194	14	89.8	N. Dak	8,736	15,321	18,789	35	115.1
D.C	10,302	16,554	16,769	(X)	62.8	Ohio	11,185	15,848	20,950	18	87.3
Fla	9,990	15,303	18,118	42	81.4	Okla	9,219	14,436	19,064	33	106.8
Ga	9,650	14,538	19,676	29	103.9	Ore	10,638	16,349	21,534	11	102.4
Hawaii	12,411	18,825	22,475	3	81.1	Pa	10,514	15,753	19,753	28	87.9
Idaho	9,323	14,664	19,042	34	104.2	R.I	10,721	15,691	21,093	16	96.7
Ill	11,912	17,793	22,081	8	85.4	S.C	8,939	13,879	18,468	39	106.6
Ind	10,941	15,731	20,566	22	88.0	S. Dak	8,582	13,351	16,897	47	96.9
Iowa	10,173	16,536	20,800	20	104.5	Tenn	8,781	13,646	17,916	45	104.0
Kans	9,941	15,709	19,792	27	99.1	Tex	9,998	15,802	20,455	24	104.6
Ky	8,712	13,625	17,924	44	105.7	Utah	9,910	15,352	20,202	26	103.9
La	8,874	13,992	18,691	37	110.6	Vt	9,746	14,294	18,458	40	89.4
Maine	8,964	12,948	16,885	48	88.4	Va	10,256	16,348	20,729	21	102.1
Md	11,988	18,132	23,461	2	95.7	Wash	11,392	16,818	21,494	12	88.7
Mass	11,683	16,546	20,512	23	75.6	W. Va	8,514	14,064	18,493	38	117.2
Mich	11,955	16,919	22,063	9	84.6	Wis	11,025	16,593	21,034	17	90.8
Minn	11,029	16,871	21,455	13	94.5	Wyo	9,966	16,818	22,452	4	125.3
Miss	7,825	12,174	16,586	49	112.0						

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *Federal Register*, Dec. 22, 1976, and Dec. 13, 1979.

NO. 755. MEDIAN FAMILY INCOME FOR 20 LARGEST SMSA'S: 1969 AND 1977

[**In dollars.** Data subject to sampling variability. For definition of median, see Guide to Tabular Presentation]

STANDARD METROPOLITAN STATISTICAL AREA (SMSA)	SMSA TOTAL		CENTRAL CITY		SUBURBS[3]		RATIO OF CITY TO SUBURB	
	1969[1]	1977[2]	1969	1977	1969	1977	1969	1977
New York, N.Y.	(NA)	16,120	9,682	13,287	13,560	21,889	.71	.61
Los Angeles-Long Beach, Calif.	10,966	15,931	10,503	14,369	11,293	17,428	.93	.82
Chicago, Ill.	11,928	19,645	10,242	14,859	13,461	22,212	.76	.67
Philadelphia, Pa.-N.J.	10,780	17,014	10,431	13,169	11,675	19,526	.89	.67
Detroit, Mich.	(NA)	20,720	7,944	17,991	13,253	21,958	.60	.82
San Francisco-Oakland, Calif.	11,799	19,917	10,190	15,763	12,533	20,732	.81	.76
Washington, D.C.-Md.-Va.	(NA)	22,366	9,583	14,382	13,893	24,158	.69	.60
Boston, Mass.	(NA)	18,568	9,133	15,377	12,058	18,980	.76	.81
Pittsburgh, Pa.	9,729	16,900	8,800	16,407	10,039	16,990	.88	.97
St. Louis, Mo.-Ill.	(NA)	17,486	8,182	11,224	10,393	19,083	.79	.59
Baltimore, Md.	10,571	19,441	8,815	13,546	11,755	21,453	.74	.63
Cleveland, Ohio	11,399	18,525	9,107	12,917	12,704	20,542	.72	.63
Houston, Texas	(NA)	17,916	9,875	16,875	10,593	19,243	.93	.88
Newark, N.J.	(NA)	20,259	7,735	8,985	12,878	21,320	.60	.42
Minneapolis-St. Paul, Minn.	(NA)	20,944	9,960	16,764	12,170	23,536	.82	.71
Dallas, Texas	(NA)	17,854	10,019	16,891	10,764	18,381	.93	.92
Seattle-Everett, Wash.	11,670	20,191	10,946	14,694	12,168	21,180	.90	.69
Anaheim-Santa Ana-Garden Grove, Calif.	12,238	20,463	11,260	20,750	13,123	20,336	.86	1.02
Milwaukee, Wis.	11,332	20,797	10,262	14,953	12,512	24,674	.82	.61
Atlanta, Ga.	(NA)	18,527	8,399	11,717	11,675	19,672	.72	.60

NA Not available. [1] Source: U.S. Bureau of the Census, *Census of Population: 1970*, Vol. I. [2] Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 118. [3] Balance of SMSA.

Source: Except as noted, U.S. Bureau of the Census, *The City Suburb Income Gap*. CDS-80-1.

NO. 756. MEDIAN FAMILY MONEY INCOME IN CONSTANT (1978) DOLLARS, BY EARNERS AND RACE: 1970 TO 1978

[Beginning 1975, data not strictly comparable with earlier years due to revised procedures. See headnote, table 744. For definition of median, see Guide to Tabular Presentation]

YEAR AND NUMBER OF EARNERS	ALL FAMILIES, MEDIAN FAMILY INCOME (dollars)			FAMILIES WITH HOUSEHOLDER, YEAR-ROUND FULL-TIME WORKER						BLACK-WHITE MEDIAN FAMILY INCOME RATIO	
				Percent of all families			Median family income (dollars)				
	All races[1]	White	Black	All races[1]	White	Black	All races[1]	White	Black	All families	Families with householder year-round full-time worker
All families, 1970	16,578	17,198	10,550	64.1	65.5	51.4	19,832	20,189	14,920	.61	.74
No earners	5,526	5,862	3,755	.1	.1	–	(B)	(B)	(B)	.64	(X)
1 earner	14,033	14,639	8,139	65.2	67.0	46.7	16,381	16,734	10,976	.56	.66
2 earners	18,801	19,238	14,164	72.6	73.4	66.2	20,604	21,013	16,425	.74	.78
3 earners	24,258	24,858	16,801	78.1	79.4	64.3	25,975	26,593	19,891	.68	.75
4 earners or more	28,038	29,085	16,670	80.9	83.0	64.6	29,720	30,353	21,516	.64	.71
All families, 1975[2]	16,694	17,358	10,574	59.3	60.9	45.2	20,802	21,195	16,293	.61	.77
No earners	6,342	6,843	4,256	–	–	–	(B)	(B)	(B)	.62	(X)
1 earner	14,022	14,786	8,589	59.4	61.3	42.3	17,159	17,614	11,831	.58	.67
2 earners	19,465	19,831	15,654	71.3	72.1	64.1	21,341	21,627	18,064	.79	.84
3 earners	24,887	25,461	19,162	76.5	77.8	65.0	26,591	26,918	21,952	.75	.82
4 earners or more	28,831	29,338	21,997	80.2	81.6	67.6	30,365	30,586	23,025	.75	.75
All families, 1978[2]	17,710	18,432	10,820	61.4	63.0	47.2	21,709	22,080	16,913	.59	.77
No earners	6,718	7,395	3,870	–	–	–	(B)	(B)	(B)	.52	(X)
1 earner	14,239	15,223	8,462	59.3	61.1	46.1	17,318	17,999	11,402	.56	.63
2 earners	20,466	20,745	16,798	74.8	75.7	65.3	22,003	22,209	19,279	.81	.87
3 earners	25,741	26,150	19,723	79.0	80.7	64.7	26,639	26,920	22,309	.75	.83
4 earners or more	29,103	29,430	25,398	81.7	82.8	70.5	29,843	30,052	26,684	.86	.89

– Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. [1] Includes other races not shown separately. [2] Civilian members 14 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 80, 105, and 123.

No. 757. Median Money Income of Families and Per Capita Income, by Metro.-Nonmetro. Residence: 1959 to 1977

[Data for 1959 refer to city boundaries and metropolitan area definitions in use in 1960. All other data are for city boundaries and metropolitan area definitions as of 1970. SMSA=Standard metropolitan statistical area; see Appendix II]

Income type and area	Income received (dol.)			Income type and area relationship	Income ratio		
	1959	1969	1977		1959	1969	1977
Median family income:				Median family income:			
Central cities of SMSA's	5,940	9,507	14,933	Central city/balance of SMSA's	.89	.83	.79
Balance of SMSA's	6,707	11,411	18,900	Central city/nonmetro. areas	1.32	1.21	1.08
Nonmetropolitan areas	4,485	7,832	13,789	Balance of SMSA/nonmetro. areas	1.50	1.46	1.37
Per capita income:				Per capita income:			
Central cities of SMSA's	(NA)	3,267	5,771	Central city/balance of SMSA's	(NA)	.92	.89
Balance of SMSA's	(NA)	3,554	6,496	Central city/nonmetro. areas	(NA)	1.32	1.19
Nonmetropolitan areas	(NA)	2,483	4,858	Balance of SMSA/nonmetro. areas	(NA)	1.43	1.34

NA Not available.

Source: U.S. Bureau of the Census, *The City-Suburb Income Gap*, CDS-80-1.

No. 758. Money Income of Families—Percent of Families by Type of Income, Mean Income, and Percent of Aggregate Income, by Income Level: 1978

[Families as of **March 1979.** See headnote, table 744. Minus sign (–) denotes loss. For data limitations see source]

Item	Families with income (in dollars) level of—								
	All families	Under 5,000	5,000–7,999	8,000–9,999	10,000–11,999	12,000–14,999	15,000–19,999	20,000–49,999	50,000 and over
Families with income, total (1,000)	**57,804**	**4,719**	**5,419**	**3,735**	**3,911**	**5,745**	**9,769**	**22,425**	**2,082**
Percent of families by type of income—									
Earnings: Wage or salary income	100.0	4.1	6.7	5.5	6.4	10.2	18.8	44.5	3.9
Self-employment income:									
Nonfarm	100.0	5.0	7.1	4.9	6.1	10.1	14.8	42.5	9.6
Farm	100.0	9.4	9.2	6.7	5.2	9.7	15.0	39.2	5.6
Income other than earnings:									
Social security and railroad retirement	100.0	11.6	18.9	12.1	9.8	11.7	12.9	21.3	1.9
Veterans, unemployment, and workmen's compensation	100.0	3.9	9.3	6.9	7.8	12.0	20.4	37.5	2.1
Supplemental security income	100.0	33.3	24.2	8.1	6.7	6.2	7.7	13.2	.7
Public assistance or welfare	100.0	46.1	23.2	8.2	6.3	4.8	5.9	5.5	.2
Dividends, interest, rent, etc. [1]	100.0	2.9	5.8	5.0	5.6	9.1	17.0	49.1	5.5
Retirement income [2]	100.0	2.5	10.5	11.4	10.4	13.1	16.0	33.1	3.1
Other income [3]	100.0	8.6	10.0	7.7	8.4	10.9	15.1	35.7	3.4
MEAN INCOME RECEIVED, BY TYPE (dollars)									
All families with income	**20,091**	**2,899**	**6,501**	**8,942**	**10,911**	**3,391**	**17,395**	**28,833**	**68,928**
Earnings: Wage or salary income	18,476	2,032	4,622	6,687	8,617	10,986	15,088	25,334	50,575
Self-employment income:									
Nonfarm	10,676	–1,221	2,513	4,278	4,986	5,360	6,456	11,061	40,049
Farm	5,825	–1,655	1,939	2,873	3,835	4,337	4,862	7,659	22,383
Income other than earnings:									
Social security, railroad retirement	4,280	2,906	4,374	4,863	4,796	4,806	4,339	4,025	4,415
Veterans, unemployment, and workmen's compensation	1,690	1,281	1,486	1,843	1,778	1,827	1,709	1,664	1,951
Supplemental security income	1,657	1,494	1,749	1,836	1,940	1,865	1,526	1,692	1,454
Public assistance or welfare	2,411	2,282	2,945	2,380	2,311	2,238	1,962	2,048	2,336
Dividends, interest, rent, etc. [1]	1,474	326	655	791	967	986	927	1,419	7,053
Retirement income [2]	5,015	1,569	2,102	2,638	3,589	4,290	5,219	6,997	11,922
Other income [3]	2,148	1,280	1,588	1,857	2,281	2,130	1,866	2,393	5,102
PERCENT OF AGGREGATE INCOME									
All families with income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Earnings: Wage or salary income	77.1	29.7	42.3	53.0	62.7	70.8	81.3	84.3	65.8
Self-employment income:									
Nonfarm	6.7	–3.2	3.7	4.5	5.2	5.1	4.1	5.3	19.5
Farm	1.2	–2.7	1.2	1.4	1.1	1.3	1.0	1.1	2.0
Income other than earnings:									
Social security and railroad retirement	4.9	32.5	31.0	23.5	14.6	9.7	4.4	1.8	.8
Veterans, unemployment, and workmen's compensation	1.2	3.0	3.2	3.1	2.6	2.3	1.7	.8	.2
Supplemental security income	.2	5.8	1.9	.7	.5	.2	.1	.1	–
Public assistance or welfare	.7	26.7	6.7	2.0	1.2	.5	.2	.1	–
Dividends, interest, rent, etc. [1]	4.4	2.4	3.7	4.1	4.4	4.0	3.2	3.7	9.4
Retirement income [2]	2.7	1.8	4.0	5.7	5.5	4.6	3.1	2.3	1.6
Other income [3]	.9	3.9	2.2	2.1	2.2	1.5	.8	.6	.6

– Represents zero. [1] Includes income from estates, trusts, and net royalties. [2] Includes private and government employee pensions and annuities. [3] Includes alimony, child support, regular contributions from outside the household, etc.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 759 Money Income of Families—Aggregate, Mean, and Per Capita Income, by Family Characteristics: 1978

[Families as of March 1979. Based on Current Population Survey; see headnote, table 744]

Characteristic	All races [1]				White				Black			
	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)
Total families	**57,804**	**1,161.3**	**20,091**	**6,078**	**50,910**	**1,062.0**	**20,860**	**6,422**	**5,906**	**79.2**	**13,409**	**3,588**
Age of householder:												
14 to 24 years	3,837	48.2	12,570	4,685	3,239	43.4	18,408	5,080	542	4.2	7,738	2,642
25 to 34 years	13,478	245.4	18,205	5,344	11,601	219.7	18,937	5,604	1,579	20.4	12,916	3,599
35 to 44 years	11,754	265.4	22,575	5,436	10,256	240.6	23,457	5,690	1,259	19.2	15,277	3,497
45 to 54 years	10,883	276.0	25,363	6,943	9,644	253.9	26,324	7,324	1,076	18.2	16,933	4,111
55 to 64 years	9,342	209.3	22,408	7,986	8,468	195.2	23,054	8,501	749	11.0	14,741	3,925
65 years and over	8,510	117.0	13,754	5,630	7,703	109.2	14,176	6,170	701	6.1	8,713	2,950
Marital status of householder:												
Male hhldr., total	49,346	1,071.0	21,703	6,489	44,992	991.8	22,045	6,681	3,516	60.6	17,248	4,527
Married—												
Wife present	47,692	1,040.0	21,804	6,479	43,636	964.9	22,112	6,662	3,244	56.9	17,555	4,535
Wife absent	252	4.5	18,052	6,051	183	3.6	19,622	6,856	67	.9	13,423	4,028
Separated	193	3.4	17,473	5,839	135	2.6	19,167	6,768	58	.8	13,600	4,049
Widowed	384	8.0	20,732	6,941	318	7.2	22,523	7,786	55	.7	12,173	3,515
Divorced	460	8.9	19,402	7,085	392	7.8	20,023	7,398	65	1.0	15,891	5,524
Single	559	9.7	17,267	6,933	462	8.3	18,051	7,481	85	1.1	12,836	4,621
Female hhldr., total	8,458	90.4	10,689	3,473	5,918	70.1	11,849	4,150	2,390	18.5	7,761	2,138
Married, husband absent	1,770	14.0	7,914	2,270	1,049	8.3	7,948	2,533	687	5.4	7,816	1,946
Separated	1,502	11.8	7,861	2,202	846	6.7	7,883	2,484	636	4.9	7,723	1,886
Widowed	2,465	32.7	13,258	4,390	1,891	27.4	14,464	5,101	523	4.7	8,938	2,417
Divorced	2,807	31.2	11,098	3,680	2,297	26.6	11,566	4,009	474	4.2	8,766	2,413
Single	1,416	12.6	8,871	3,179	681	7.9	11,555	4,872	705	4.3	6,161	1,926
Size of family:												
Two persons	22,485	384.5	17,100	8,485	20,430	361.0	17,670	8,785	1,804	19.4	10,765	5,213
Three persons	12,975	261.8	20,178	6,660	11,360	239.1	21,048	6,964	1,412	18.9	13,360	4,307
Four persons	12,037	272.1	22,603	5,672	10,573	247.4	23,395	5,874	1,224	19.4	15,866	3,923
Five persons	6,089	143.3	23,534	4,731	5,232	129.5	24,761	4,975	693	10.1	14,510	2,895
Six persons	2,524	60.4	23,944	4,002	2,120	54.1	25,514	4,272	353	5.0	14,038	2,316
Seven or more	1,694	39.2	23,172	3,000	1,195	30.9	25,830	3,385	420	6.5	15,424	1,905
Occupation of householder:												
White-collar workers	20,133	546.7	27,156	8,071	18,636	515.2	27,646	8,247	1,101	21.2	19,231	5,486
Blue-collar workers	17,840	357.9	20,061	5,582	15,837	322.5	20,366	5,765	1,753	30.2	17,206	4,222
Farm workers	1,459	23.6	16,150	4,561	1,362	22.4	16,476	4,768	77	.7	9,445	1,964
Service workers	3,441	54.0	15,696	4,646	2,601	43.3	16,663	5,083	749	9.3	12,354	3,346

[1] Includes other races not shown separately. [2] For definition of mean, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 760. Wife's Contribution to Family Income—Families with Husband and Wife Working, by Race of Husband: 1977 and 1978

[Families as of March 1978 and March 1979. See headnote, table 744. For definition of mean, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

Item	White workers					Black workers				
	Total	North and West	South	Wife, full-time worker		Total	North and West	South	Wife, full-time worker	
				Year-round	Not year-round				Year-round	Not year-round
1977: Husband-wife families, both working (1,000)	21,191	14,430	6,762	11,915	9,277	1,827	800	1,027	1,227	600
Average (mean) income (dol.)	22,835	23,424	21,579	24,071	21,248	18,944	22,007	16,556	21,088	14,554
Earnings of wife, avg. (dol.)	5,683	5,749	5,543	7,742	3,039	6,257	7,474	5,308	7,915	2,864
Percent of family income	24.9	24.5	25.7	32.2	14.3	33.0	34.0	32.1	37.5	19.7
1978: Husband-wife families, both working (1,000)	22,227	15,203	7,024	12,486	9,741	1,865	830	1,035	1,238	627
Average (mean) income (dol.)	25,011	25,556	23,833	26,520	23,077	21,378	24,570	18,820	23,765	16,664
Earnings of wife, avg. (dol.)	6,236	6,272	6,160	8,401	3,461	7,030	8,336	5,983	8,708	3,715
Percent of family income	24.9	24.5	25.8	31.7	15.0	32.9	33.9	31.8	36.6	22.3

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

NO. 761. MEDIAN FAMILY INCOME OF HUSBAND-WIFE FAMILIES—BY WORK EXPERIENCE OF HUSBAND AND WIFE, RACE, AND AGE OF HEAD: 1975 AND 1978

[See headnote, table 744. For definition of median, see Guide to Tabular Presentation]

RACE AND AGE OF HOUSEHOLDER	1975						1978					
	All husband-wife families [1]		Only husband worked		Husband and wife worked		All husband-wife families [1]		Only husband worked		Husband and wife worked	
	Number (1,000)	Median income (dol.)	Number (1,000)	Median income (dol.)	Number (1,000)	Median income (dol.)	Number (1,000)	Median income (dol.)	Number (1,000)	Median income (dol.)	Number (1,000)	Median income (dol.)
Total, all races	**47,318**	**14,867**	**13,962**	**13,006**	**22,335**	**17,433**	**47,692**	**19,340**	**11,959**	**16,975**	**24,546**	**22,289**
Under 35 years	14,130	13,584	5,136	12,091	8,589	14,815	13,914	17,941	4,090	15,817	9,526	18,976
35-54 years	18,737	18,084	5,038	14,875	10,016	19,907	18,621	23,425	4,287	19,108	11,059	25,000+
55 years and over	14,452	11,668	3,788	12,392	3,730	18,262	15,156	14,889	3,582	16,053	3,961	24,414
White, total	**43,311**	**15,125**	**13,029**	**13,312**	**20,181**	**17,676**	**43,636**	**19,638**	**11,093**	**17,320**	**22,227**	**22,498**
Under 35 years	12,899	13,738	4,789	12,302	7,777	14,954	12,639	18,159	3,756	16,120	8,640	19,142
35-54 years	17,048	18,490	4,641	15,232	9,025	20,258	16,978	23,741	3,967	19,472	9,952	25,000+
55 years and over	13,365	11,915	3,599	12,556	3,379	18,692	14,020	15,139	3,371	16,432	3,636	24,946
Black, total	**3,352**	**11,526**	**749**	**9,429**	**1,808**	**14,917**	**3,244**	**15,913**	**661**	**12,344**	**1,865**	**19,778**
Under 35 years	1,036	11,543	285	8,817	695	13,661	986	15,469	235	11,751	711	17,023
35-54 years	1,353	13,640	289	10,215	811	16,809	1,317	19,742	237	14,731	909	22,526
55 years and over	963	7,970	175	9,179	301	13,934	941	10,994	189	9,999	245	18,700
Percent Black of White	**7.7**	**76.2**	**5.7**	**70.8**	**9.0**	**84.4**	**7.4**	**81.0**	**6.0**	**71.3**	**8.4**	**87.9**
Under 35 years	8.0	84.0	6.0	71.7	8.9	91.4	7.8	85.2	6.3	72.9	8.2	88.9
35-54 years	7.9	73.8	6.2	67.1	9.0	83.0	7.8	83.2	6.0	75.7	9.1	(NA)
55 years and over	7.2	66.9	4.9	73.1	8.9	74.5	6.7	72.6	5.6	60.9	6.7	75.0

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 105, and unpublished data.

NO. 762. MONEY INCOME OF UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL, BY RACE, IN CURRENT AND CONSTANT (1978) DOLLARS: 1950 TO 1978

[See headnote, table 744. Unrelated individuals=persons not living with any relatives; see text, pp. 3 and 436. Beginning 1975, not strictly comparable with earlier years due to revised procedures. See also *Historical Statistics, Colonial Times to 1970*, series G 24-30, G 186-188, G 193-195, and G 200-202]

INCOME LEVEL	WHITE							BLACK AND OTHER RACES						
	1950	1955	1960	1965	1970	1975	1978	1950	1955	1960	1965	1970	1975	1978
CURRENT DOLLARS														
Under $1,500	57.7	52.4	44.6	36.7	21.4	7.9	5.3	70.5	66.5	60.8	47.6	35.1	15.0	10.7
$1,500-$2,999	25.1	21.7	20.1	21.9	25.6	19.5	11.5	22.2	24.7	19.5	21.9	24.1	29.4	21.0
$3,000-$4,999	14.3	19.0	20.4	17.8	17.7	21.8	19.6	6.4	7.6	13.6	16.7	17.5	18.1	20.6
$5,000-$6,999	1.6	4.8	10.0	12.4	12.4	13.4	13.4	.9	1.0	4.8	9.9	11.0	10.7	11.9
$7,000-$9,999	.7	1.1	3.6	7.5	12.7	15.3	15.5	-	.2	.7	3.2	9.6	11.7	12.1
$10,000-$14,999	.4	.4	1.0	2.5	6.9	13.5	17.4	-	-	.4	.5	2.2	10.8	11.7
$15,000 and over		.4	.4	1.2	3.2	8.5	17.3	-	-	.1	.1	.5	4.3	12.0
Median (dol.)	1,115	1,400	1,860	2,245	3,283	5,099	7,030	817	935	1,068	1,637	2,243	3,392	4,683
CONSTANT (1977) DOLLARS														
Under $1,500	30.1	25.9	22.0	21.0	10.6	6.6	5.3	39.9	37.1	34.0	29.7	19.2	12.5	10.7
$1,500-$2,999	20.4	21.0	19.7	14.6	17.8	13.5	11.5	21.7	23.5	24.2	16.7	22.9	24.3	21.0
$3,000-$4,999	13.5	14.8	14.7	17.3	18.3	21.4	19.6	15.4	16.8	13.1	17.6	16.8	19.3	20.6
$5,000-$6,999	13.0	11.3	10.5	9.9	11.7	13.7	13.4	12.4	12.7	10.6	10.1	12.2	11.2	11.9
$7,000-$9,999	14.7	14.7	14.5	12.6	12.5	14.7	15.5	7.5	6.7	9.2	11.3	11.4	11.6	12.1
$10,000-$14,999	5.6	8.8	13.3	14.5	15.5	15.7	17.4	1.5	3.0	7.5	11.7	12.2	12.8	11.7
$15,000 and over	2.7	3.6	5.4	10.2	13.5	14.3	17.3	1.7	.2	1.4	3.0	5.3	8.3	12.0
Median (dol.)	3,021	3,412	4,097	4,643	5,516	6,181	7,030	2,213	2,278	2,352	3,385	3,769	4,112	4,683

- Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

NO. 763. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL IN CURRENT AND CONSTANT (1978) DOLLARS, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER: 1967 TO 1978

[Households as of **March of following year.** Based on Current Population Survey; see text, p. 1. *Beginning 1974, data not strictly comparable with earlier years due to revised procedures; see text, p. 436.* Persons of Spanish origin may be of any race. For definitions of household and race, see p. 3. For definition of median, see Guide to Tabular Presentation]

RACE OF HOUSEHOLDER AND YEAR	Number of households (1,000)	PERCENT DISTRIBUTION, BY INCOME LEVEL								Median income (dol.)
		Under $3,000	$3,000-$4,999	$5,000-$6,999	$7,000-$9,999	$10,000-$11,999	$12,000-$14,999	$15,000-$24,999	$25,000 and over	
CURRENT DOLLARS										
All households:										
1967	60,813	19.8	13.5	15.5	21.7	10.4	9.2	8.1	1.8	7,143
1970 [1]	64,778	15.8	11.6	11.8	18.5	11.0	12.2	15.1	4.0	8,734
1974	71,163	10.5	10.1	9.7	13.9	9.5	12.5	24.0	9.9	11,197
1975	72,867	9.5	10.4	9.2	13.2	8.5	12.0	25.6	11.6	11,800
1976	74,142	8.4	9.5	9.0	12.4	7.9	11.2	27.2	14.6	12,686
1977	76,030	7.3	9.2	8.5	11.7	7.2	10.7	27.1	18.2	13,572
1978	77,330	6.2	8.5	7.6	10.8	7.1	9.6	27.5	22.7	15,064
White:										
1967	54,188	18.2	12.7	15.4	22.5	10.9	9.8	8.6	2.0	7,449
1970	57,575	14.5	11.0	11.4	18.7	11.4	12.7	16.0	4.3	9,097
1974	62,984	9.3	9.4	9.3	13.6	9.7	12.8	25.1	10.7	11,710
1975	64,392	8.3	9.8	9.0	13.0	8.5	12.3	26.6	12.6	12,340
1976	65,353	7.4	8.7	8.6	12.1	8.0	11.3	28.3	15.7	13,289
1977	66,934	6.3	8.5	8.0	11.4	7.2	10.9	28.3	19.4	14,272
1978	68,028	5.3	7.7	7.2	10.6	7.0	9.7	28.4	24.0	15,660
Black:										
1967	5,728	35.7	20.8	17.1	14.1	5.6	4.1	2.4	.3	4,325
1970	6,180	28.2	17.2	15.6	16.2	7.6	7.0	7.3	.9	5,537
1974	7,263	20.6	16.4	13.3	15.9	8.1	9.6	13.6	2.5	6,904
1975	7,489	19.6	16.9	11.4	14.6	8.7	9.4	15.2	4.0	7,408
1976	7,776	16.8	16.1	12.1	14.4	7.6	10.0	17.7	5.4	7,902
1977	7,977	15.3	14.8	13.0	14.7	7.6	9.4	18.1	7.2	8,422
1978	8,066	13.9	14.9	10.3	13.2	7.6	9.3	19.9	11.0	9,411
Spanish origin:										
1974	2,897	11.5	13.9	13.4	17.5	10.4	12.4	16.7	4.2	8,906
1975	2,948	12.4	13.3	13.5	16.6	9.7	11.7	18.3	4.5	8,865
1976	3,081	11.1	13.0	12.2	16.0	9.3	11.2	21.2	6.0	9,569
1977	3,304	8.4	11.4	11.2	15.4	10.0	11.7	23.1	8.7	10,647
1978	3,291	7.4	10.5	9.4	13.9	9.7	11.1	25.6	12.4	11,803
CONSTANT (1978) DOLLARS										
All households:										
1967	60,813	9.1	7.9	7.0	10.3	7.9	12.4	29.6	15.8	13,950
1970 [1]	64,778	8.3	7.4	7.1	10.3	7.1	11.1	29.3	19.4	14,667
1974	71,163	6.6	8.1	7.5	10.9	6.9	10.9	28.2	21.1	14,806
1975	72,867	7.0	8.7	8.1	11.2	7.1	10.6	27.7	19.6	14,296
1976	74,142	6.8	8.4	7.8	11.2	7.1	10.3	27.7	20.7	14,531
1977	76,030	6.6	8.6	8.0	11.1	7.0	10.1	27.2	21.5	14,604
1978	77,330	6.2	8.5	7.6	10.8	7.1	9.6	27.5	22.7	15,064
White:										
1967	54,188	8.3	7.2	6.5	9.8	7.7	12.6	30.9	16.9	14,548
1970	57,575	7.5	6.9	6.7	9.8	7.0	11.2	30.4	20.6	15,276
1974	62,984	5.8	7.4	7.0	10.4	6.8	10.9	29.1	22.4	15,484
1975	64,392	6.1	8.0	7.7	11.0	7.0	10.7	28.7	21.0	14,950
1976	65,353	6.0	7.6	7.4	10.9	7.0	10.4	28.6	22.1	15,222
1977	66,934	5.7	7.9	7.5	10.7	6.9	10.2	28.1	23.0	15,357
1978	68,028	5.3	7.7	7.2	10.6	7.0	9.7	28.4	24.0	15,660
Black:										
1967	5,728	16.9	14.1	12.1	14.8	9.6	10.3	17.1	5.2	8,447
1970	6,180	15.7	12.3	11.0	14.6	8.4	10.4	19.2	8.4	9,298
1974	7,263	13.9	13.8	11.2	14.7	8.0	10.4	19.4	8.6	9,208
1975	7,489	14.6	14.7	11.8	13.1	7.8	10.6	19.4	7.9	8,975
1976	7,776	13.5	15.1	11.5	13.8	7.5	9.6	20.4	8.6	9,051
1977	7,977	13.7	14.3	12.1	14.3	8.0	9.5	19.1	9.1	9,062
1978	8,066	13.9	14.9	10.3	13.2	7.6	9.3	19.9	11.0	9,411
Spanish origin:										
1974	2,897	7.2	9.7	10.8	14.7	8.6	12.6	25.6	10.8	11,776
1975	2,948	9.5	10.5	11.1	15.5	8.7	11.9	23.7	9.1	10,740
1976	3,081	9.1	11.5	10.2	14.9	9.1	11.7	23.4	10.2	10,961
1977	3,304	7.5	10.5	10.5	14.4	9.7	12.0	24.3	11.1	11,457
1978	3,291	7.4	10.5	9.4	13.9	9.7	11.1	25.6	12.4	11,803

[1] Revised, using population controls based on the 1970 Census of Population; therefore, will not agree with data shown in table 765.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 121.

NO. 764. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY INCOME LEVEL, BY METRO.-NONMETRO. RESIDENCE, REGION, OCCUPANT TENURE, AND SIZE OF HOUSEHOLD: 1978

[Households as of **March 1979.** Based on Current Population Survey; see text, p. 1 and headnote, table 763. For definition of residence, see Appendix II. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. 1, inside front cover]

RESIDENCE, REGION, TENURE AND HOUSEHOLD SIZE	Total households (1,000)	PERCENT DISTRIBUTION, BY HOUSEHOLD MONEY INCOME								Median income (dol.)
		Under $5,000	$5,000-$6,999	$7,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$24,999	$25,000-$29,999	$30,000 and over	
All households	**77,330**	**14.6**	**7.5**	**10.9**	**16.6**	**15.3**	**12.2**	**8.2**	**14.5**	**15,064**
Metropolitan areas	52,799	13.4	6.9	10.2	15.9	15.5	12.4	8.9	16.7	15,970
In central cities	23,363	18.2	8.5	11.8	17.1	14.8	10.5	7.0	12.1	13,089
Outside central cities	29,436	9.7	5.7	8.9	14.8	16.0	14.0	10.4	20.4	18,238
Nonmetropolitan areas	24,531	17.4	8.9	12.1	18.4	15.0	11.6	6.9	9.7	12,951
Region:										
Northeast	17,227	13.6	7.9	10.8	15.8	15.6	12.5	8.7	15.1	15,509
North Central	20,551	13.6	7.3	10.3	16.2	16.0	13.2	8.8	14.7	15,873
South	24,738	17.0	8.0	11.5	17.4	14.7	11.4	7.5	12.5	13,655
West	14,813	13.8	6.8	10.5	16.9	15.0	12.0	8.1	16.9	15,511
Tenure:										
Owner-occupied	52,283	10.8	6.1	8.9	14.9	15.7	14.2	29.4		17,836
Renter-occupied	23,356	22.7	10.5	14.8	20.4	14.7	8.0	8.8		10,378
Occupier paid no cash rent	1,690	26.3	12.0	14.1	19.0	12.0	8.0	8.5		9,485
Size of household:										
One person	17,201	38.9	13.1	14.7	16.1	9.0	3.9	1.7	2.5	6,669
Two persons	23,928	10.4	8.8	13.4	19.1	15.9	12.3	7.6	12.5	14,453
Three persons	13,392	7.8	4.6	8.9	17.0	17.6	15.2	11.3	17.7	18,174
Four persons	12,274	5.1	3.6	6.2	14.8	18.3	17.4	12.5	22.0	20,462
Five persons	6,187	4.9	4.0	5.4	12.8	18.8	16.9	11.7	25.4	21,002
Six persons	2,573	4.8	4.0	7.4	14.5	16.7	14.3	11.6	26.9	20,808
Seven persons or more	1,774	5.8	5.5	8.4	15.1	14.4	14.2	10.7	25.9	20,216

NO. 765. MONEY INCOME OF HOUSEHOLDS—AGGREGATE, MEAN, AND PER CAPITA INCOME, BY SELECTED CHARACTERISTICS OF HOUSEHOLDER: 1970 AND 1978

[Households as of **March 1971** and **March 1979.** Based on Current Population Survey; see text, pp. 1 and 436. Data for 1978 not strictly comparable with 1970 due to revised procedures. See headnote, table 763]

CHARACTERISTIC	1970						1978					
	Households		Household income				Households		Household income			
	Number (mil.)	Percent of total	Total (bil. dol.)	Percent of total	Mean income [1] (dol.)	Per capita (dol.)	Number (mil.)	Percent of total	Total (bil. dol.)	Percent of total	Mean income [1] (dol.)	Per capita (dol.)
Householder	**64.4**	**100.0**	**643.8**	**100.0**	**10,001**	**3,185**	**77.3**	**100.0**	**1,371.0**	**100.0**	**17,730**	**6,367**
Male	50.3	78.2	572.2	88.9	11,368	3,302	57.3	74.2	1,182.9	86.3	20,629	6,718
Female	14.0	21.8	71.6	11.1	5,100	2,485	20.0	25.8	188.1	13.7	9,412	4,795
White	57.6	89.4	596.0	92.6	10,351	3,364	68.0	88.0	1,250.9	91.2	18,387	6,713
Black	6.2	9.6	41.8	6.5	6,761	1,842	8.1	10.4	97.0	7.1	12,027	3,882
Spanish origin	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3.3	4.3	45.9	3.3	13,942	4,040
Age of householder:												
14-24 yr	4.7	7.3	33.5	5.2	7,115	2,743	6.3	8.2	77.1	5.6	12,161	5,430
25-34 yr	11.8	18.4	122.2	19.0	10,313	2,798	17.0	22.0	300.9	21.9	17,704	5,914
35-44 yr	11.7	18.2	143.1	22.2	12,193	2,736	13.3	17.2	293.5	21.4	22,021	5,756
45-54 yr	12.5	19.4	160.8	25.0	12,858	3,660	12.6	16.3	298.3	21.8	23,698	7,111
55-64 yr	11.0	17.0	115.8	18.0	10,573	4,305	12.3	15.9	238.7	17.4	19,434	8,089
65 yr. and over	12.6	19.6	68.4	10.6	5,418	2,960	15.8	20.4	182.6	11.9	10,291	5,849
Education of householder:												
Less than 8 years	9.0	14.0	51.9	8.1	5,747	1,935	7.6	9.8	71.7	5.2	9,430	3,598
8 years	8.3	12.8	59.9	9.3	7,253	2,644	6.9	8.9	78.5	5.7	11,425	4,608
1-3 year high school	10.6	16.4	92.7	14.4	8,757	2,676	10.9	14.1	149.3	10.9	13,697	4,763
4 yr. high school	20.1	31.3	209.9	32.6	10,422	3,167	26.0	33.6	459.0	33.5	17,648	6,151
1-3 year college	7.6	11.8	89.4	13.9	11,761	3,778	12.0	15.6	233.6	17.0	19,407	7,062
4 or more year college	8.8	13.6	140.1	21.8	15,980	4,984	14.0	18.0	379.0	27.6	27,237	9,637

NA Not available. [1] For definition of mean, see Guide to Tabular Presentation.

Source of tables 764 and 765: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 79 and 121.

No. 766. Households and Aggregate Household Income—Percent Distribution, by Income Level: 1970 to 1978

[See headnote, table 763]

Income level	1970		1975		1976		1977		1978	
	Households	Aggregate income	Households	Aggregate income	Households	Aggregate income	Households	Aggregate income	Households	Aggregate income
Total U.S. (bil.)	**64.8**	**$647.8**	**72.9**	**$1,004.0**	**74.1**	**$1,106.3**	**76.0**	**$1,224.1**	**77.3**	**$1,371.1**
Percent distribution	**100.0**	(NA)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $5,000	27.4	(NA)	19.9	4.2	17.9	3.5	16.5	3.0	14.7	2.4
$5,000–$9,999	30.3	(NA)	22.4	12.0	21.3	10.5	20.3	9.3	18.4	7.7
$10,000–$14,999	23.2	(NA)	20.5	18.4	19.1	15.8	17.9	13.8	16.7	11.5
$15,000–$19,999	11.2	(NA)	15.9	19.9	16.4	19.0	15.6	16.8	15.3	14.9
$20,000–$24,999	3.9	(NA)	9.6	15.4	10.7	16.0	11.5	15.9	12.2	15.4
$25,000–$49,999	4.0	(NA)	10.5	24.2	13.0	27.8	16.0	32.1	19.8	36.5
$50,000 and over			1.1	5.8	1.6	7.4	2.1	9.2	3.0	11.6

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 104, 109, 117, and 121.

No. 767. Money Income of Persons—Percent Distribution by Income Level, Median and Mean Income, by Sex, 1950 to 1978, and by Race and Age, 1970 and 1978

[Persons 14 years old and over as of **March** *of following year. Based on Current Population Survey; see headnote, table 744. For definition of median and mean, see Guide to Tabular Presentation. See Historical Statistics, Colonial Times to 1970, series G 257–268, for percent distribution by income level, and median income]*

Sex, year, age and race	All persons (mil.)	Persons with income										
		Total (mil.)	Percent distribution by income (in dollars) level—								Median income (dol.)	Mean income (dol.)
			Under 2,000 [1]	2,000–2,999	3,000–4,999	5,000–6,999	7,000–9,999	10,000–14,999	15,000–24,999	25,000 and over		
MALE												
1950	52.6	47.6	37.1	21.7	30.6	6.6	2.0	2.0			2,570	2,961
1960	60.4	55.2	27.6	10.4	23.0	21.6	11.2	4.1	1.4	.6	4,080	4,617
1970	70.6	65.0	18.7	6.9	13.0	13.7	20.9	17.7	6.8	2.3	6,670	7,537
1975 [2]	77.6	71.2	12.9	6.1	11.3	10.4	14.6	21.8	17.5	5.4	8,853	10,429
1978 [2]	81.0	75.6	10.6	5.2	9.5	8.7	12.0	18.4	24.7	11.0	10,935	13,113
14–19 yr	12.3	7.8	61.4	12.5	13.0	5.8	4.4	2.4	.4	.1	1,315	2,264
20–24 yr	9.7	9.4	12.9	8.0	14.1	14.6	19.6	19.7	10.3	.8	7,059	7,732
25–34 yr	16.7	16.5	3.3	1.9	5.0	7.1	13.1	26.9	34.3	8.4	13,410	14,305
35–44 yr	11.9	11.9	2.5	1.6	3.5	4.7	8.7	19.4	39.2	20.3	16,572	18,571
45–54 yr	11.0	10.9	3.2	2.5	4.5	5.1	8.3	18.8	35.5	22.1	16,574	18,874
55–64 yr	9.7	9.7	3.6	3.7	8.4	7.6	11.6	19.7	29.1	16.3	13,624	16,334
65–69 yr	3.8	3.8	4.5	8.7	18.5	16.5	20.1	15.3	9.9	6.6	7,247	10,007
70 and over	5.7	5.8	5.4	12.4	28.2	19.7	15.5	10.3	4.9	3.5	5,361	7,586
White: 1970	63.0	58.4	17.8	6.7	12.2	13.4	21.4	18.8	7.4	2.5	7,011	7,840
1978 [2]	71.3	67.3	10.0	4.7	9.1	8.3	11.8	18.5	25.6	11.9	11,453	13,609
Black: 1970	6.8	5.8	28.6	8.9	20.2	17.2	16.9	6.8	1.2	.2	4,159	4,683
1978 [2]	8.1	7.0	15.6	10.0	13.1	12.2	13.4	16.8	16.2	2.8	6,861	8,541
FEMALE												
1950	56.9	24.7	75.5	18.1	5.7	.4	.2	.2			953	1,296
1960	65.3	36.5	62.8	14.0	17.7	4.3	.9	.2	–	–	1,261	1,861
1970	77.6	51.6	46.7	11.8	19.1	11.8	7.5	2.4	.5	.2	2,237	3,138
1975 [2]	85.0	60.8	31.9	13.5	18.8	13.2	12.5	7.8	2.1	.3	3,385	4,513
1978 [2]	88.6	71.9	27.7	11.9	17.2	12.1	13.5	11.8	5.1	.8	4,068	5,599
14–19 yr	12.2	7.2	66.9	11.9	13.2	4.8	2.4	.5	.1	–	1,118	1,769
20–24 yr	10.1	8.9	24.3	11.1	17.7	17.2	18.7	9.4	1.4	.2	4,588	5,104
25–34 yr	17.3	14.3	24.3	6.9	13.9	12.0	17.7	18.0	6.5	.7	5,839	6,557
35–44 yr	12.7	10.2	23.2	7.4	13.8	13.5	16.0	16.1	8.5	1.5	5,804	6,936
45–54 yr	11.8	9.3	23.6	8.4	13.4	12.7	15.8	16.7	8.2	1.2	5,672	6,806
55–64 yr	10.9	8.8	26.1	12.2	15.1	11.7	13.7	13.2	6.5	1.4	4,473	6,237
65–69 yr	4.7	4.6	23.7	21.3	23.3	11.7	9.7	6.1	3.7	.5	3,322	4,818
70 and over	8.9	8.6	17.5	24.3	32.1	11.2	7.0	4.6	2.4	.8	3,374	4,585
White: 1970	68.8	45.3	46.5	11.5	18.9	12.1	7.8	2.5	.5	.2	2,266	3,185
1978 [2]	77.1	62.7	28.2	11.2	16.9	12.1	13.6	12.0	5.1	.9	4,117	5,631
Black: 1970	8.0	5.8	48.9	14.2	20.7	9.4	4.9	1.8	.1	–	2,063	2,743
1978 [2]	9.9	8.0	23.9	17.2	19.2	11.9	13.1	9.9	4.6	.2	3,707	5,212

– Represents zero or rounds to zero. [1] Includes persons with income deficit. [2] Not strictly comparable with earlier years due to revised procedures; see text, p. 436.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 768. Median Money Income of Year-Round Full-Time Workers With Income, by Sex and Age: 1970 to 1979

[Age as of **March** of following year. Refers to civilian workers. 1970 not strictly comparable with later years due to revised procedures. 1979, persons 15 years old and over; see source. For definition of median, see Guide to Tabular Presentation]

AGE	WOMEN			MEN			RATIO: WOMEN TO MEN		
	1970	1975	1979	1970	1975	1979	1970	1975	1979
Total with income	**$5,440**	**$7,719**	**$10,548**	**$9,184**	**$13,144**	**$17,533**	**.59**	**.59**	**.60**
14-19 years	3,783	4,568	6,715	3,950	5,657	7,518	.96	.81	.89
20-24 years	4,928	6,598	8,571	6,655	8,521	11,480	.74	.77	.75
25-34 years	5,923	8,401	11,155	9,126	12,777	16,824	.65	.66	.66
35-44 years	5,531	8,084	11,184	10,258	14,730	20,069	.54	.55	.56
45-54 years	5,588	7,980	10,934	9,931	14,808	20,464	.56	.54	.53
55-64 years	5,468	7,785	10,873	9,071	13,518	19,436	.60	.58	.56
65 years and over	4,884	7,273	10,664	6,754	11,485	16,107	.72	.63	.66

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 125, and earlier issues.

No. 769. Weighted Average Poverty Levels Based on Money Income for Nonfarm Families and Individuals, by Size of Family and Sex of Householder: 1959 to 1979

[**In dollars.** Families and unrelated individuals (see text. p. 4) are classified as being above or below the poverty level, using the poverty index adopted by a Federal Interagency Committee in 1969. Hhldr.=householder. For explanation of poverty level, see text, p. 436. 1979 not strictly comparable with earlier years due to revised procedures; see source]

SIZE OF UNIT	1959			1970			1979		
	Total	Male hhldr.	Female hhldr.	Total	Male hhldr.	Female hhldr.	Total	Male hhldr.	Female hhldr.
1 person (unrelated individual)	1,467	1,529	1,428	1,954	2,044	1,898	3,689	3,855	3,556
Under 65 years	1,503	1,569	1,451	2,010	2,092	1,935	3,778	3,912	3,619
65 years and over	1,397	1,409	1,391	1,861	1,879	1,855	3,479	3,515	3,469
2 persons	1,894	1,904	1,843	2,525	2,534	2,471	4,725	4,737	4,669
Householder under 65 years	1,952	1,964	1,883	2,604	2,619	2,522	4,878	4,905	4,762
Householder 65 years and over	1,761	1,762	1,752	2,348	2,349	2,336	4,390	4,394	4,362
3 persons	2,324	2,335	2,235	3,099	3,113	3,003	5,784	5,820	5,624
4 persons	2,973	2,974	2,957	3,968	3,970	3,948	7,412	4,416	7,381
5 persons	3,506	3,507	3,483	4,680	4,684	4,639	8,775	8,785	8,690
6 persons	3,944	3,944	3,941	5,260	5,263	5,220	9,914	9,922	9,843
7 or more persons	4,849	4,856	4,763	6,468	6,486	6,317	12,280	12,322	12,037

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 28, and P-60, Nos. 81 and 125.

No. 770. Families Below Poverty Level Under Alternative Income Definitions, by Race, Age of Householder (Hhldr.), and Region: 1976

[For year ending **June 30.** Data measure the incidence of poverty under different income concepts. Unrelated individuals are included in these data as "one-person families." Based on data from Current Population Survey, adjusted by source for underreporting of income and nonreporting of families residing in the outlying areas and institutions. Cash transfer income includes payments for social security and railroad retirement, government pensions, unemployment insurance, workmen's and veterans' compensation, veterans' pensions, supplemental security income, and aid to families with dependent children. In-kind transfers include food stamps, child nutrition, housing assistance, medicare, and medicaid]

INCOME DEFINITION	Families, total	White	Black and other	Hhldr. under 65 yr.	Hhldr. 65 and over	Northeast region	North Central region	South region	West region
	FAMILIES BELOW POVERTY LEVEL (1,000)								
Income before taxes and—									
Before cash transfers	21,436	17,330	4,106	11,789	9,647	4,765	4,881	7,873	3,918
After cash transfers [1]	10,716	8,006	2,709	8,029	2,686	2,072	2,268	4,552	1,824
After in-kind transfers [2]	6,441	4,948	1,492	5,463	977	1,005	1,194	3,041	1,200
Income after taxes [3]	6,597	5,091	1,506	5,615	982	1,032	1,240	3,092	1,233
	AS PERCENT OF ALL FAMILIES [4]								
Income before taxes and—									
Before cash transfers	27.0	24.7	43.8	18.6	59.9	26.4	23.3	30.8	26.2
After cash transfers [1]	13.5	11.4	28.9	12.7	16.7	11.5	10.8	17.8	12.2
After in-kind transfers [2]	8.1	7.1	15.9	8.6	6.1	5.6	5.7	11.9	8.0
Income after taxes [3]	8.3	7.3	16.1	8.9	6.1	5.7	5.9	12.1	8.2

[1] Corresponds to U.S. Bureau of the Census measure of poverty status. See text, p. 436, and table 769. [2] Includes the additions of cash transfers. [3] Also after receipt of all transfers. [4] In the categories shown.

Source: Congress of the United States, Congressional Budget Office, Background Paper No. 17 (revised), *Poverty Status of Families Under Alternative Definitions of Income*, June 1977.

No. 771. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1978

[For 1959–1968, data based on 1960 census of population controls; thereafter, on 1970 census controls. For definition of median, see Guide to Tabular Presentation. For explanation of poverty level, see table 769 and text, p. 436]

Year	Persons below poverty level		Persons below 125 percent of poverty level		Average income cutoffs for nonfarm family of 4		Percent poverty level of median income of 4-person [1] family	Median family income of all families		Consumer price index (1972=100)
	Number (mil.)	Percent of total population	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level		Total	Index (1972=100)	
1959	39.5	22.4	54.9	31.1	$2,973	$3,716	(NA)	$5,417	48.7	69.5
1960	39.9	22.2	54.6	30.4	3,022	3,778	(NA)	5,620	50.6	70.7
1965	33.2	17.3	46.2	24.1	3,223	4,029	40.6	6,957	62.6	75.4
1966	28.5	14.7	41.3	21.3	3,317	4,146	39.2	7,532	67.8	77.6
1968	25.4	12.8	35.9	18.2	3,553	4,441	35.7	8,632	77.7	83.1
1969	24.1	12.1	34.7	17.4	3,743	4,679	34.9	9,433	84.9	87.6
1970	25.4	12.6	35.6	17.6	3,968	4,960	35.2	9,867	88.8	92.8
1971	25.6	12.5	36.5	17.8	4,137	5,171	35.2	10,285	92.5	96.8
1972	24.5	11.9	34.7	16.8	4,275	5,344	33.1	11,116	100.0	100.0
1973	23.0	11.1	32.8	15.8	4,540	5,675	32.9	12,051	108.4	106.2
1974	24.3	11.6	34.6	16.5	5,038	6,298	34.0	12,836	115.5	117.8
1974 [2]	23.4	11.2	33.7	16.1	5,038	6,298	33.5	12,902	116.1	117.8
1975 [2]	25.9	12.3	37.2	17.6	5,500	6,875	34.5	13,719	123.4	128.7
1976 [2]	25.0	11.8	35.5	16.7	5,815	7,269	33.6	14,958	134.6	136.1
1977 [2]	24.7	11.6	35.7	16.7	6,191	7,739	33.1	16,009	144.0	144.9
1978 [2]	24.5	11.4	34.2	15.8	6,662	8,328	32.6	17,640	158.7	155.9

NA Not available. [1] For 1965–1974, base used is median income for nonfarm 4-person families. Beginning 1974 (revised), base used is median income for all 4-person families. [2] Beginning 1974, not strictly comparable with earlier years due to revised procedures.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 28, and P-60, Nos. 81, 115, 119, 123, and 124.

No. 772. Persons Below Poverty Level, by Residence, Race, and Family Status: 1975 and 1978

[Persons as of **March 1976** and **1979**. For explanation of poverty level, see table 769 and text, p. 436. Refers to 243 metropolitan areas as defined in 1970 census publications; see Appendix II]

Family status and residence	Persons below poverty level (1,000)						Percent below poverty level					
	All races [1]		White		Black		All races [1]		White		Black	
	1975	1978	1975	1978	1975	1978	1975	1978	1975	1978	1975	1978
Metropolitan areas	**15,348**	**15,090**	**10,014**	**9,222**	**4,967**	**5,423**	**10.8**	**10.4**	**8.2**	**7.5**	**27.6**	**28.5**
In families	12,125	11,576	7,593	6,600	4,247	4,599	9.5	9.1	7.0	6.1	26.4	27.7
Householder	3,216	3,205	2,120	1,937	1,029	1,172	8.5	8.3	6.5	5.8	24.0	25.8
Related children [2]	6,646	6,218	3,909	3,241	2,591	2,782	15.4	15.2	11.1	9.8	37.4	40.0
Other family members [3]	2,263	2,153	1,564	1,423	627	644	4.8	4.5	3.8	3.4	12.9	12.6
Unrelated individuals	3,224	3,513	2,420	2,622	720	824	22.1	19.3	19.5	16.9	37.4	34.3
Inside central cities	**9,090**	**9,285**	**4,874**	**4,590**	**4,033**	**4,417**	**15.0**	**15.4**	**10.8**	**10.2**	**29.1**	**31.5**
In families	7,113	7,191	3,552	3,226	3,430	3,733	13.5	14.2	9.2	8.7	27.9	30.6
Householder	1,863	1,983	1,003	956	830	971	11.8	12.7	8.2	8.1	25.4	28.7
Related children [2]	4,047	3,986	1,860	1,596	2,129	2,261	23.2	24.4	16.0	14.9	39.9	44.0
Other family members [3]	1,203	1,222	688	674	471	501	6.2	6.5	4.6	4.6	12.8	13.6
Unrelated individuals	1,977	2,094	1,323	1,364	603	684	24.2	21.4	20.5	17.5	38.5	37.5
Outside central cities	**6,259**	**5,805**	**5,139**	**4,632**	**934**	**1,006**	**7.6**	**6.8**	**6.7**	**5.9**	**22.5**	**20.1**
In families	5,012	4,386	4,042	3,374	817	866	6.6	5.7	5.7	4.8	21.6	19.6
Householder	1,352	1,222	1,117	980	199	202	6.2	5.3	5.4	4.6	19.7	17.2
Related children [2]	2,599	2,232	2,049	1,645	462	521	10.1	9.0	8.7	7.4	28.9	28.7
Other family members [3]	1,060	932	875	749	156	143	3.8	3.2	3.3	2.8	13.2	9.9
Unrelated individuals	1,247	1,419	1,098	1,259	118	140	19.3	16.9	18.4	16.4	32.5	24.3
Nonmetro. areas	**10,529**	**9,407**	**7,757**	**7,036**	**2,578**	**2,202**	**15.4**	**13.5**	**12.6**	**11.2**	**42.4**	**37.2**
In families	8,664	7,485	6,205	5,450	2,287	1,895	13.8	11.8	11.0	9.5	40.8	35.1
Householder	2,234	2,076	1,718	1,586	484	450	12.1	10.8	10.1	9.0	37.1	33.2
Related children [2]	4,236	3,504	2,838	2,433	1,293	999	19.6	16.7	15.0	13.2	52.9	45.2
Other family members [3]	2,194	1,906	1,649	1,431	510	446	9.8	8.2	8.1	6.7	27.4	24.3
Unrelated individuals	1,865	1,922	1,551	1,586	291	307	33.2	30.1	30.5	27.4	61.3	58.6

[1] Includes races not shown separately. [2] Under 18 years. [3] Includes spouses.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 124.

No. 773. Persons Below Poverty Level, and Below 125 Percent of Poverty Level, by Family Status, Race, and Sex of Householder: 1959 to 1979

[Persons as of **March** of **following year.** For explanation of poverty level, see table 769 and text, p. 436.]

FAMILY STATUS, RACE, AND SEX OF HOUSEHOLDER	1959	1966	1969	1975 [1]	1979 [1]	1959	1966	1969	1975 [1]	1979 [1]
	NUMBER BELOW POVERTY LEVEL (millions)					NUMBER BELOW 125 PERCENT OF POVERTY LEVEL (millions)				
All persons [2]	**39.5**	**28.5**	**24.1**	**25.9**	**25.2**	**54.9**	**41.3**	**34.7**	**37.2**	**35.4**
In families	34.6	23.8	19.2	20.8	19.3	49.3	35.6	28.6	30.1	27.2
Householder	8.3	5.8	5.0	5.5	5.3	11.8	8.6	7.4	8.0	7.5
Related children under 18 yr	17.2	12.1	9.5	10.9	9.7	24.3	17.7	13.9	15.0	12.9
Children 5–17 yr	(NA)	8.6	7.1	8.0	(NA)	(NA)	(NA)	3.3	11.0	(NA)
Other family members	9.0	5.9	4.7	4.5	4.3	13.2	9.3	7.3	7.2	6.7
Unrelated individuals	4.9	4.7	5.0	5.1	5.6	5.6	5.7	6.1	7.1	7.8
White	**28.5**	**19.3**	**16.7**	**17.8**	**16.7**	**41.8**	**29.5**	**24.5**	**25.6**	**24.4**
In families	24.4	15.4	12.6	13.8	12.1	37.2	24.7	19.5	20.9	17.8
Householder	6.2	4.1	3.6	3.8	3.5	9.2	6.5	5.4	5.8	5.2
Related children under 18 yr	11.4	7.2	5.7	6.7	5.7	17.5	11.5	8.7	9.8	7.9
Other family members	6.9	4.1	3.4	3.2	2.9	10.5	6.8	5.4	5.3	4.7
Unrelated individuals	4.0	3.9	4.0	4.0	4.3	4.7	4.7	5.0	5.7	6.3
Black [3]	**11.0**	**8.9**	**7.1**	**7.5**	**7.8**	**13.1**	**11.2**	**9.5**	**9.8**	**10.1**
In families	10.1	8.1	6.2	6.5	6.6	12.1	10.4	8.5	8.6	8.6
Householder	2.1	1.6	1.4	1.5	1.7	2.6	2.1	1.9	2.0	2.2
Related children under 18 yr	5.8	4.8	3.7	3.9	3.7	6.8	5.9	4.9	4.8	4.6
Other family members	2.2	1.7	1.2	1.1	1.3	2.7	2.3	1.8	1.7	1.8
Unrelated individuals	.9	.8	.9	1.0	1.1	1.0	.9	1.0	1.2	1.4
Male householder [4]	**29.1**	**18.3**	**13.7**	**13.6**	**12.1**	**43.1**	**28.9**	**21.7**	**21.4**	**18.5**
In families	27.5	16.9	12.3	11.9	10.2	41.3	27.2	19.9	19.2	15.9
Householder	6.4	4.1	3.2	3.0	2.7	9.6	6.5	5.0	4.9	4.3
Related children under 18 yr	13.1	7.9	5.3	5.3	4.2	19.7	12.7	8.8	8.3	6.4
Other family members	8.1	5.0	3.9	3.6	3.3	12.1	8.0	6.1	6.0	5.2
Unrelated individuals	1.6	1.3	1.4	1.7	1.9	1.8	1.6	1.8	2.2	2.6
Female householder [4]	**10.4**	**10.3**	**10.4**	**12.3**	**13.1**	**11.8**	**12.4**	**13.0**	**15.7**	**16.9**
In families	7.0	6.9	6.9	8.8	9.1	8.0	8.3	8.6	10.9	11.3
Householder	1.9	1.7	1.8	2.4	2.6	2.2	2.1	2.3	3.1	3.2
Related children under 18 yr	4.1	4.3	4.2	5.6	5.5	4.6	4.9	5.2	6.7	6.6
Other family members	1.0	.9	.8	.8	1.1	1.2	1.3	1.1	1.2	1.5
Unrelated individuals	3.4	3.4	3.5	3.4	3.7	3.8	4.1	4.3	4.8	5.2
	PERCENT OF PERSONS BELOW POVERTY LEVEL					PERCENT OF PERSONS BELOW 125 PERCENT OF POVERTY LEVEL				
All persons [2]	**22.4**	**14.7**	**12.1**	**12.3**	**11.6**	**31.1**	**21.3**	**17.4**	**17.6**	**16.3**
In families	20.8	13.1	10.4	10.9	10.1	29.7	19.6	15.4	15.8	14.2
Householder	18.5	11.8	9.7	9.7	9.1	26.2	17.6	14.3	14.2	12.9
Related children under 18 yr	26.9	17.4	13.8	16.8	15.9	37.9	25.3	20.2	23.1	21.2
Children 5–17 yr	(NA)	17.1	13.6	16.3	(NA)	(NA)	(NA)	6.3	22.4	(NA)
Other family members	15.9	9.5	7.2	6.4	6.0	23.3	14.9	11.3	10.3	9.3
Unrelated individuals	46.1	38.3	34.0	25.1	21.8	52.7	46.4	41.8	34.9	30.6
White	**18.1**	**11.3**	**9.5**	**9.7**	**8.9**	**26.7**	**17.3**	**14.0**	**14.5**	**13.0**
In families	16.5	9.7	7.8	8.3	7.3	25.2	15.5	12.0	12.6	10.8
Householder	15.2	9.3	7.7	7.7	6.8	22.6	14.6	11.7	11.7	10.1
Related children under 18 yr	20.6	12.1	9.7	12.5	11.3	31.6	19.2	14.9	18.1	15.7
Other family members	13.3	7.4	5.8	5.2	4.6	20.4	12.2	9.2	8.6	7.4
Unrelated individuals	44.1	36.1	32.1	22.7	19.6	50.8	44.4	40.0	32.5	28.5
Black [3]	**56.2**	**41.8**	**32.2**	**31.3**	**30.9**	**66.8**	**53.0**	**43.2**	**40.6**	**39.7**
In families	56.0	40.9	30.9	30.1	29.9	67.0	52.4	42.2	39.5	38.3
Householder	50.4	35.5	27.9	27.1	27.6	61.0	45.9	37.9	36.1	35.9
Related children under 18 yr	66.7	50.6	39.6	41.4	40.7	78.0	62.8	52.7	51.2	50.9
Other family members	42.5	29.4	20.0	16.9	17.9	53.4	40.4	29.5	26.0	25.6
Unrelated individuals	57.4	54.4	46.7	42.1	36.9	64.0	61.6	53.9	51.1	45.0
Male householder [4]	**18.7**	**10.8**	**8.0**	**7.8**	**6.9**	**27.7**	**17.1**	**12.6**	**12.2**	**10.5**
In families	18.2	10.3	7.4	7.1	6.2	27.3	16.6	11.9	11.5	9.6
Householder	15.8	9.3	6.9	6.2	5.5	23.6	14.8	10.9	10.1	8.6
Related children under 18 yr	22.4	12.6	8.6	9.8	8.4	33.8	20.4	14.4	15.3	12.8
Other family members	15.3	8.7	6.4	5.7	5.0	22.8	13.9	10.2	9.3	7.9
Unrelated individuals	36.8	29.3	26.2	19.9	16.7	42.8	36.2	32.4	26.8	22.7
Female householder [4]	**50.2**	**41.0**	**38.4**	**34.6**	**31.9**	**57.1**	**49.6**	**47.8**	**44.4**	**41.1**
In families	40.4	39.8	38.2	37.5	34.7	56.2	48.3	48.0	46.3	43.0
Householder	42.6	33.1	32.7	32.5	30.1	49.7	41.1	41.5	41.0	37.9
Related children under 18 yr	72.2	58.2	54.4	52.7	48.6	79.4	67.4	66.2	62.8	57.9
Other family members	24.0	18.6	17.5	15.0	16.4	29.8	26.6	25.0	21.8	23.4
Unrelated individuals	52.1	43.5	38.7	28.9	25.9	59.1	52.3	47.5	40.6	37.0

NA Not available. [1] Beginning 1975, not strictly comparable with prior years due to revised procedures. [2] Beginning 1966, includes races not shown separately. [3] For 1959, Black and other races. [4] For persons in families, sex of family head; for unrelated individuals, sex of individual.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 125, and unpublished data.

No. 774. Persons Below Poverty Level, by Age, Region, Race, and Spanish Origin: 1978

[Persons as of **March 1979.** Persons of Spanish origin may be of any race. Based on Current Population Survey; see headnote, table 744. For explanation of poverty level, see table 769, and text p. 436. For composition of regions, see fig. i, inside front cover]

Age and region	Number below poverty level (1,000)				Percent below poverty level			
	All races	White	Black	Spanish origin	All races	White	Black	Spanish origin
Total	**24,497**	**16,259**	**7,625**	**2,607**	**11.4**	**8.7**	**30.6**	**21.6**
Under 14 years	7,583	4,468	2,898	1,115	16.5	11.7	42.0	27.7
14 to 21 years	4,384	2,710	1,563	480	13.4	9.8	35.4	23.9
22 to 44 years	5,794	4,004	1,596	674	8.2	6.6	20.9	17.0
45 to 64 years	3,502	2,547	905	213	8.1	6.6	22.3	13.9
65 years and over	3,233	2,530	662	125	13.9	12.1	33.9	23.1
Northeast	5,050	3,547	1,377	730	10.4	8.2	29.1	32.3
North Central	5,192	3,826	1,258	195	9.1	7.4	24.8	17.4
South	10,255	5,737	4,429	847	14.7	10.2	34.1	21.9
West	4,000	3,148	560	834	10.0	8.9	26.1	17.3

No. 775. Persons of Spanish Origin and Mexican or Puerto Rican Origin, by Poverty Status and Family Status: 1978

[**In thousands, except as indicated.** Families as of **March 1979.** See headnote, table 774. For definition of mean, see Guide to Tabular Presentation]

Characteristic	Spanish origin [1]			Mexican origin			Puerto Rican origin		
	Total	Below poverty level		Total	Below poverty level		Total	Below poverty level	
		Number	Percent		Number	Percent		Number	Percent
Total persons	**12,079**	**2,607**	**21.6**	**7,326**	**1,508**	**20.6**	**1,748**	**678**	**38.8**
65 years and over	539	125	23.1	274	70	25.4	43	12	27.0
In families	11,193	2,343	20.9	6,839	1,353	19.8	1,630	635	38.9
Householder	2,741	559	20.4	1,620	301	18.6	434	172	39.6
Wife of householder	2,166	260	12.0	1,301	168	12.9	255	39	15.3
Related children under 18 years	4,972	1,354	27.2	3,125	785	25.1	796	387	48.7
Related children under 6 years	1,799	497	27.6	1,170	286	24.4	268	145	54.3
Other family members	1,314	169	12.8	794	99	12.5	146	36	25.0
Mean size of family	4.08	4.19	(X)	4.22	4.50	(X)	3.75	3.69	(X)
Mean family income (dollars)	14,657	4,333	(X)	14,830	4,352	(X)	10,753	4,418	(X)
Unrelated individuals	886	264	29.8	486	155	31.9	118	43	36.5
Mean income (dollars)	7,277	1,674	(X)	6,865	1,618	(X)	5,964	1,709	(X)

X Not applicable. [1] Comprises Mexican, Puerto Rican, and "other Spanish," not shown separately.

No. 776. Selected Characteristics of Persons 65 Years Old and Over Below Poverty Level: 1959 to 1978

[For **1959,** persons as of **April 1960;** thereafter, persons as of **March** of **following year.** See headnote, table 774]

Characteristic	Number below poverty level (1,000)					Percent below poverty level				
	1959	1970	1975 [1]	1977 [1]	1978 [1]	1959	1970	1975 [1]	1977 [1]	1978 [1]
Persons, 65 and over	**5,481**	**4,793**	**3,317**	**3,177**	**3,233**	**35.2**	**24.6**	**15.3**	**14.1**	**14.0**
White	4,744	4,011	2,634	2,426	2,530	33.1	22.6	13.4	11.9	12.1
Black	711	735	652	701	662	62.5	47.7	36.3	36.3	33.9
Spanish origin	(NA)	(NA)	137	113	125	(NA)	(NA)	32.6	21.9	23.1
In families	3,187	2,013	1,191	1,176	1,180	26.9	14.8	8.0	7.8	7.6
Householder	1,787	1,188	728	710	712	29.1	16.5	8.9	8.6	8.4
Male	1,507	980	585	551	566	29.1	15.9	8.3	7.8	7.7
Female	280	209	143	159	146	28.8	20.1	12.7	13.7	12.2
Other members	1,400	825	463	466	468	24.6	13.0	7.0	6.7	6.6
Unrelated individuals	2,294	2,779	2,125	2,001	2,053	61.9	47.2	31.0	27.3	27.0
Male	703	549	410	386	350	59.0	38.9	27.8	23.6	20.7
Female	1,591	2,230	1,716	1,615	1,703	63.3	49.8	31.9	28.4	28.8
Persons, 60 and over	(NA)	**5,977**	**4,373**	**4,123**	**4,197**	(NA)	**21.3**	**14.2**	**12.9**	**12.9**

NA Not available. [1] Beginning 1975, not strictly comparable with earlier years due to revised procedures.

Source of tables 774-776: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 124, and earlier reports.

No. 777. Persons and Families Below Poverty Level—States: 1969 and 1975

[**Number in thousands.** Persons and families as of **April 1970** and **spring 1976.** For explanation of poverty level, see table 769 and text, p. 436. For 1969, excludes unrelated individuals under 14 years of age and persons in specified types of group quarters, i.e. inmates of institutions, persons in Armed Forces living in barracks, and college students living in dormitories. For 1975, same as 1969, except college students living away from home are included at their family's home. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. 1975 data from the 1976 Survey of Income and Education (SIE); based on a sample of 151,000 interviewed households; subject to sampling variability; see Appendix III. For details, see sources]

Region and State	Number below poverty level						Percent below poverty level					
	Persons		Families		Children, 5–17 yr.		Persons		Families		Children, 5–17 yr.	
	1969	1975	1969	1975	1969	1975	1969	1975	1969	1975	1969	1975
U.S.	**27,125**	**23,991**	**5,462**	**5,051**	**7,700**	**7,132**	**13.7**	**11.4**	**10.7**	**9.0**	**14.8**	**14.5**
North East	**4,821**	**4,336**	**936**	**[1] 921**	**1,247**	**1,330**	**10.1**	**8.9**	**7.6**	**[1] 7.2**	**10.5**	**12.0**
Maine	131	[1] 126	26	[1] 26	36	39	13.6	12.0	10.3	[1] 9.3	14.2	15.3
New Hampshire	65	[1] 65	12	[1] 13	14	20	9.1	7.9	6.7	5.9	7.7	10.3
Vermont	52	63	10	13	13	20	12.1	[1] 13.5	9.1	10.8	11.4	17.8
Massachusetts	473	408	87	[1] 90	117	124	8.6	7.1	6.2	[1] 6.1	8.4	9.3
Rhode Island	100	80	20	17	24	22	11.0	8.7	8.5	6.9	11.0	10.5
Connecticut	212	[1] 204	41	[1] 46	55	59	7.2	[1] 6.7	5.3	[1] 5.6	7.2	8.4
New York	1,986	1,671	391	[1] 357	526	524	11.1	9.4	8.5	7.6	12.2	13.1
New Jersey	574	[1] 586	113	133	156	194	8.1	[1] 8.1	6.1	6.9	8.7	11.6
Pennsylvania	1,228	[1] 1,133	237	[1] 227	305	329	10.6	[1] 9.7	7.9	[1] 7.4	10.6	12.6
North Central	**5,952**	**5,336**	**1,171**	**1,109**	**1,539**	**1,577**	**10.8**	**9.4**	**8.3**	**7.4**	**10.4**	**11.6**
Ohio	1,041	[1] 997	205	[1] 208	274	294	10.0	[1] 9.4	7.6	[1] 7.3	9.8	11.6
Indiana	493	424	98	85	123	120	9.7	8.1	7.4	6.0	9.0	9.6
Illinois	1,112	[1] 1,150	214	[1] 238	302	389	10.2	[1] 10.5	7.7	[1] 8.3	10.7	15.1
Michigan	819	[1] 821	160	183	220	252	9.4	[1] 9.1	7.3	[1] 7.6	9.1	11.3
Wisconsin	421	352	80	69	104	106	9.8	7.7	7.4	5.8	8.7	9.4
Minnesota	398	324	76	63	99	87	10.7	8.3	8.2	6.4	9.5	9.1
Iowa	319	225	64	44	72	53	11.6	7.9	8.9	5.8	9.8	7.9
Missouri	672	565	139	121	173	157	14.7	12.0	11.5	9.5	14.8	14.7
North Dakota	93	66	18	13	27	18	15.7	10.6	12.4	8.0	15.7	11.5
South Dakota	120	88	24	19	34	22	18.7	13.1	14.8	10.6	18.3	13.1
Nebraska	188	147	38	29	46	36	13.1	9.6	10.1	7.1	12.0	10.1
Kansas	275	178	56	38	65	43	12.7	8.0	9.7	6.1	11.5	8.6
South	**12,388**	**10,406**	**2,581**	**2,202**	**3,816**	**3,098**	**20.3**	**15.3**	**16.2**	**12.1**	**23.5**	**19.6**
Delaware	58	47	11	[1] 10	17	14	10.9	8.2	8.2	6.6	12.0	10.4
Maryland	387	313	75	[1] 66	117	104	10.1	7.7	7.7	6.2	11.5	10.7
District of Columbia	123	86	21	[1] 18	37	23	17.0	12.5	12.7	[1] 11.4	23.2	15.7
Virginia	691	513	143	110	214	156	15.5	10.5	12.3	8.3	18.2	13.7
West Virginia	380	270	82	57	106	76	22.2	15.1	18.0	11.5	24.3	18.9
North Carolina	996	788	211	182	313	221	20.3	14.7	16.3	12.1	24.0	17.8
South Carolina	595	478	119	94	207	166	23.9	17.2	19.0	12.9	29.1	23.9
Georgia	924	[1] 883	192	[1] 188	294	255	20.7	18.0	16.7	14.6	24.4	21.3
Florida	1,088	[1] 1,225	229	[1] 259	300	383	16.4	14.4	12.7	11.0	18.9	21.6
Kentucky	718	596	159	136	208	170	22.9	17.7	19.2	14.9	25.1	21.4
Tennessee	836	660	186	146	245	196	21.8	15.8	18.2	12.6	24.8	20.5
Alabama	857	587	181	125	272	136	25.4	16.4	20.7	12.9	29.5	15.9
Mississippi	767	607	154	122	262	194	35.4	26.1	28.9	20.4	41.5	32.6
Arkansas	523	392	115	82	155	106	27.8	18.5	22.8	14.1	31.6	21.4
Louisiana	933	720	188	141	309	220	26.3	19.3	21.5	15.0	30.1	22.9
Oklahoma	465	370	102	83	123	87	18.8	13.8	15.0	11.1	19.5	14.6
Texas	2,047	1,870	413	[1] 381	637	592	18.8	15.2	14.6	11.7	21.5	20.5
West	**3,965**	**[1] 3,912**	**774**	**[1] 818**	**1,098**	**1,126**	**11.7**	**10.4**	**8.9**	**8.2**	**12.4**	**12.9**
Montana	92	[1] 86	18	[1] 17	25	23	13.6	11.5	10.4	8.9	12.9	12.5
Idaho	92	[1] 85	20	[1] 18	24	23	13.2	10.3	10.9	8.2	12.0	11.0
Wyoming	38	33	8	[1] 7	10	8	11.7	8.7	9.3	7.0	11.2	8.6
Colorado	263	[1] 230	50	42	71	64	12.3	9.1	9.1	6.3	12.3	10.7
New Mexico	227	[1] 223	45	[1] 46	81	78	22.8	19.3	18.5	15.5	26.3	26.0
Arizona	264	314	50	64	84	92	15.3	[1] 13.8	11.5	[1] 10.8	17.5	16.8
Utah	118	103	23	[1] 21	31	25	11.4	8.5	9.1	7.0	10.0	8.0
Nevada	43	53	9	11	11	16	9.1	[1] 8.8	7.0	[1] 7.0	8.8	11.0
Washington	336	[1] 299	65	[1] 61	80	81	10.2	8.5	7.6	6.6	9.3	10.0
Oregon	235	204	46	[1] 41	54	43	11.5	8.9	8.6	6.7	10.3	8.4
California	2,153	[1] 2,192	421	[1] 472	596	648	11.1	[1] 10.4	8.4	[1] 8.5	12.1	13.8
Alaska	35	23	6	4	12	6	12.6	6.7	9.3	5.2	14.6	6.4
Hawaii	69	[1] 67	13	[1] 13	19	20	9.3	7.9	7.6	6.4	9.7	9.6

[1] Change from the 1969 data is not statistically significant at the 95 percent confidence level (2 standard errors); for a discussion of confidence levels, see Appendix III.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vol. I; and 1975, *Current Population Reports*, series P-60, Nos. 110–113.

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NO. 778. FAMILIES AND UNRELATED INDIVIDUALS BELOW POVERTY LEVEL, AND AGGREGATE INCOME DEFICIT (1978 DOLLARS), BY SEX AND RACE OF HEAD: 1959 TO 1978

[As of **March of following year.** Beginning 1975, data not strictly comparable with earlier years, *due to revised procedures.* Income deficit defined as the difference between the total income of families and unrelated individuals below poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars; for such cases, the deficit is equal to the poverty level. For explanation of poverty level, see table 769 and text, p. 436]

SEX AND RACE OF FAMILY HOUSEHOLDERS AND UNRELATED INDIVIDUALS	BELOW POVERTY LEVEL						AGGREGATE INCOME DEFICIT (1978 dollars)					
	1959	1966	1969	1975	1977	1978	1959	1966	1969	1975	1977	1978
	MILLIONS						BILLION DOLLARS					
Total [1]	13.2	10.5	10.0	10.5	10.5	10.7	30.6	20.3	18.2	19.5	19.1	19.5
White	10.2	8.0	7.6	7.8	7.6	7.7	21.9	14.2	13.0	13.7	13.1	13.3
Black	2.7	2.4	2.2	2.5	2.7	2.8	(NA)	5.9	4.9	5.4	5.5	5.7
	PERCENT						PERCENT					
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families	62.8	55.2	50.2	51.7	50.5	49.3	71.8	67.3	62.4	66.0	65.1	64.1
Male householder	48.3	38.8	31.9	28.7	25.7	24.5	52.3	44.2	36.4	34.9	32.2	30.4
Female householder	14.5	16.4	18.3	23.1	24.8	24.8	19.4	23.0	26.1	31.0	32.9	33.8
Unrelated individuals	37.2	44.8	49.8	48.3	49.5	50.7	28.2	32.7	37.6	34.0	34.9	35.9
White	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families	60.5	51.5	47.0	49.1	46.6	45.6	68.1	62.6	58.3	62.7	61.4	59.9
Male householder	48.4	38.5	32.9	31.3	28.2	27.6	51.5	44.5	38.6	39.3	37.4	36.5
Female householder	12.1	13.0	14.0	17.8	18.4	18.0	16.7	18.1	19.7	23.3	24.0	23.5
Unrelated individuals	39.5	48.5	53.0	50.9	53.4	54.4	31.9	37.4	41.7	37.3	38.6	40.1
Black	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families	69.5	67.6	61.6	59.9	60.7	58.9	(NA)	78.7	73.8	74.8	74.0	73.6
Male householder	48.9	39.5	28.4	20.2	17.6	15.0	(NA)	43.5	30.4	22.9	18.8	15.5
Female householder	20.6	28.1	33.3	39.8	43.1	43.9	(NA)	35.3	43.4	51.9	55.1	58.1
Unrelated individuals	30.5	32.4	38.4	40.1	39.3	41.1	(NA)	21.2	26.2	25.2	26.0	26.4

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

NO. 779. SELECTED CHARACTERISTICS OF FAMILIES AND UNRELATED INDIVIDUALS, BY TYPE OF INCOME AND POVERTY STATUS: 1978

[Families as of **March 1979.** Based on Current Population Survey; see text, p. 1. Hhldr.=householder. For explanation of poverty level, see table 769 and text, p. 436. For limitations of data, see source]

INCOME LEVEL AND TYPE *OF INCOME*	FAMILIES							UNRELATED INDIVIDUALS				
	Total			Female *householder*		Hhldr. 65 yr. *old and over*		Total			65 yr. old and over	
	All races [1]	White	Black	White	Black	White	Black	All races [1]	White	Black	White	Black
ALL INCOME LEVELS												
Total [2] (mil.)	**57.8**	**50.9**	**5.9**	**5.9**	**2.4**	**7.7**	**.7**	**24.9**	**21.4**	**3.0**	**6.8**	**.7**
Percent of total: [3]												
With income	99.8	99.8	99.5	99.0	99.0	99.9	99.7	97.1	97.6	93.5	99.8	99.0
With earnings [4]	87.8	88.3	83.0	80.1	70.7	48.0	58.5	63.9	64.0	61.7	15.8	21.8
With transfer income	38.8	37.3	52.7	58.1	69.0	94.1	94.3	43.2	43.3	44.4	95.4	94.2
Social security [5]	23.0	23.2	22.3	34.6	22.4	92.7	85.4	33.7	35.1	25.4	93.3	83.7
SSI [6]	2.8	2.1	8.3	6.0	11.5	5.9	32.2	5.4	4.6	11.5	10.0	32.1
Public assistance [6]	6.0	3.9	23.5	19.8	46.5	1.5	11.1	2.1	1.3	7.1	1.2	3.2
Other income [7]	14.0	14.2	13.0	12.0	7.8	9.3	10.6	9.6	9.4	10.7	8.0	6.4
With all other income [8]	65.7	69.5	33.2	60.4	23.8	81.8	37.5	57.3	61.5	27.0	71.9	30.1
BELOW POVERTY LEVEL												
Total [2] (mil.)	**5.2**	**3.5**	**1.6**	**1.4**	**1.2**	**.5**	**.2**	**5.7**	**4.4**	**1.2**	**1.6**	**.4**
Percent of total: [3]												
With income	97.5	97.2	98.1	95.8	97.9	98.3	98.9	87.3	88.4	83.9	99.2	98.2
With earnings [4]	59.7	61.8	54.5	51.7	50.4	21.7	37.6	35.6	36.9	30.8	5.8	8.1
With transfer income	64.8	59.6	77.4	71.0	82.8	93.3	94.4	54.2	52.6	61.5	95.9	95.3
Social security [5]	22.8	24.0	21.2	14.7	16.0	86.9	78.7	39.7	42.0	33.0	90.3	80.4
SSI security [6]	9.3	8.2	12.1	5.7	9.3	25.6	50.0	14.3	12.7	20.9	21.8	41.4
Public assistance [5]	39.3	30.6	58.2	56.3	69.7	7.1	21.3	6.0	4.0	13.6	3.2	2.9
Other income [7]	8.4	9.4	6.3	5.3	5.0	2.1	7.3	7.2	6.5	9.6	5.3	4.5
With all other income [8]	25.9	31.7	13.1	28.3	12.5	36.0	11.8	30.9	35.6	13.6	39.3	17.5

[1] Includes races not shown separately. [2] Includes families and unrelated individuals with no income, not shown *separately.* [3] *Some families and unrelated individuals may have more than one type of income.* [4] Includes wages, salaries, and self-employment income. [5] Includes railroad retirement income. [6] *See text, p. 329, for explanation of* supplemental security income (SSI) and public assistance. [7] Includes unemployment and workmen's compensation, and veterans' payments. [8] Includes income from private and government employee pensions, annuities, dividends, interest, rent, estates, trusts, alimony, child support, regular contributions from outside the household, etc.

Source of tables 778 and 779: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 124.

No. 780. Mothers With Children Under 18 Years Old, by Work Experience, Poverty Status, and Race: 1978

[As of **March** of the **following year**; see headnote, table 744. See also headnote, table 769, and text, p. 436]

Work experience	All races [1]			White			Black		
	Total (1,000)	Below poverty level		Total (1,000)	Below poverty level		Total (1,000)	Below poverty level	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
All women with own children	**30,493**	**3,827**	**12.6**	**26,112**	**2,411**	**9.2**	**3,740**	**1,307**	**35.0**
Worked in 1978	18,964	1,592	8.4	16,135	1,011	6.3	2,431	538	22.1
50–52 weeks	9,459	353	3.7	7,850	204	2.6	1,386	137	9.9
27–49 weeks	4,341	340	7.8	3,784	215	5.7	489	123	25.2
1–26 weeks	5,163	899	17.4	4,501	593	13.2	556	277	49.8
Did not work in 1978	11,529	2,235	19.4	9,976	1,400	14.0	1,309	769	58.8
Main reason: Keeping house	10,246	1,699	16.6	9,154	1,165	12.7	887	485	54.6
Families and subfamilies headed by women with own children	**5,719**	**2,372**	**41.5**	**3,792**	**1,249**	**32.9**	**1,822**	**1,078**	**59.2**
Worked in 1978	3,924	1,024	26.1	2,769	556	20.1	1,085	448	41.3
50–52 weeks	2,254	209	9.3	1,617	87	5.4	597	117	19.6
27–49 weeks	808	239	29.6	581	130	22.4	216	108	50.0
1–26 weeks	863	576	66.7	571	338	59.2	273	223	81.7
Did not work in 1978	1,795	1,348	75.1	1,023	694	67.8	737	630	85.5
Main reason: Keeping house	1,225	928	75.8	770	533	69.2	430	377	87.6

[1] Includes races not shown separately.

No. 781. Work Experience of Family Householders Below the Poverty Level, by Sex and Race: 1975 and 1978

[**In thousands, except percent.** Families as of **March** of the **following year.** See headnote, table 780]

Work experience	1975						1978					
	All races [1]		White		Black		All races [1]		White		Black	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	**[2] 3,020**	**2,430**	**[2] 2,444**	**1,394**	**[2] 509**	**1,004**	**[2] 2,626**	**2,654**	**[2] 2,132**	**1,391**	**[2] 414**	**1,208**
Worked	1,857	887	1,533	518	272	362	1,512	1,077	1,243	584	220	470
Full-time [3] percent	39.4	15.2	40.3	14.5	34.9	16.6	46.3	13.8	47.9	10.4	40.5	18.3
Did not work [4]	1,133	1,543	884	876	236	641	1,080	1,577	860	806	192	738
Ill or disabled	565	309	430	150	133	157	533	286	415	110	106	171
Keeping house	26	1,053	19	647	7	387	18	1,024	15	574	2	426
In school	30	43	13	13	12	30	25	62	12	29	7	32
Unable to find work	117	99	92	41	22	55	59	123	47	44	11	77

[1] Includes races not shown separately. [2] Includes persons in Armed Forces. [3] Year-round. [4] Includes "other" not shown separately.

No. 782. Women Below the Poverty Level, by Age and Race: 1970 and 1978

[See headnote, table 780. 1978 not strictly comparable with 1970 due to revised procedures]

Age and family relationship	Number of women (1,000)						Percent of total			
	1970			1978			1970		1978	
	Total [1]	White	Black	Total [1]	White	Black	White	Black	White	Black
Total	**10,500**	**7,695**	**2,694**	**10,677**	**7,350**	**3,109**	**100.0**	**100.0**	**100.0**	**100.0**
14 to 21 years	1,959	1,254	677	2,443	1,524	864	16.3	25.1	20.7	27.8
22 to 44 years	2,994	2,022	923	3,765	2,458	1,197	26.3	34.3	33.4	38.5
45 to 54 years	1,043	691	341	993	668	307	9.0	12.7	9.1	9.9
55 to 64 years	1,347	1,017	324	1,194	885	296	13.2	12.0	12.0	9.5
65 years and over	3,157	2,711	430	2,282	1,816	445	35.2	16.0	24.7	14.3
Family householders	1,934	1,097	820	2,654	1,391	1,208	14.3	30.4	18.9	38.9
Spouses	3,133	2,517	570	2,474	2,042	362	32.7	21.2	27.8	11.6
Other family members	1,842	1,047	765	1,938	1,026	860	13.6	28.4	14.0	27.7
Unrelated individuals	3,592	3,033	539	3,611	2,891	679	39.4	20.0	39.3	21.8

[1] Includes races not shown separately.

Source: Tables 780–782: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 81, 106, and 124.

No. 783. Appalachia—Population, Unemployment, 1970 and 1979, and Per Capita Personal Income: 1970 and 1978

["Appalachia" refers to a region delineated in The Appalachian Regional Development Act of 1965, as amended, containing 397 counties in 13 States. See text, pp. 435 and 436, for explanation of differences between personal income and money income]

Area	Population [1]			Unemployed			Per capita personal income [2]			
	1970, April, total (1,000)	1979, July, total (1,000)	Percent change, 1970–1979	1979, total (1,000)	Percent of labor force		Total		Percent of U.S.	
					1970	1979	1970	1978	1970	1978
United States	**203,302**	**220,099**	**8.3**	**5,963**	**4.9**	**5.8**	**$3,893**	**$7,840**	**100**	**100**
Appalachian States	**76,090**	**79,074**	**3.9**	**2,213**	**4.6**	**6.1**	**3,781**	**7,430**	**97**	**95**
Appalachian region	18,217	19,505	7.1	561	5.4	6.5	3,161	6,600	81	84
Appalachian portion of—										
Alabama	2,137	[3] 2,338	9.4	73.1	6.2	7.1	2,995	6,591	77	84
Georgia	814	[3] 1,018	25.1	23.1	3.8	4.8	2,884	5,991	74	76
Kentucky	877	[4] 1,016	15.9	28.7	7.5	7.1	2,229	5,271	57	67
Maryland	209	[4] 218	4.0	8.2	6.2	8.6	3,267	6,543	84	83
Mississippi	419	[3] 463	10.7	11.3	5.1	5.6	2,410	5,363	62	68
New York	1,057	[3] 1,067	1.0	29.0	5.1	5.9	3,547	6,593	91	84
North Carolina	1,039	[4] 1,152	10.8	25.4	4.5	4.5	3,111	6,539	80	83
Ohio	1,130	[3] 1,222	8.7	35.4	6.5	6.7	3,083	6,347	79	81
Pennsylvania	5,931	[4] 5,879	–.9	191.0	5.3	7.4	3,549	7,289	91	93
South Carolina	656	[4] 752	14.5	15.0	3.7	4.2	3,214	6,687	83	85
Tennessee	1,735	[3] 1,974	13.8	54.9	5.2	6.5	2,906	6,166	75	79
Virginia	470	[4] 528	12.3	15.1	[5] 5.4	6.4	2,603	5,849	67	75
West Virginia [6]	1,744	[4] 1,878	7.7	51.0	6.1	6.8	3,038	6,629	78	85
Non-Appalachian portions	57,873	59,569	2.9	1,652	4.4	6.0	3,976	7,701	102	98

[1] Revised 1970 census data from U.S. Bureau of the Census, *Current Population Reports*, series P–25, No. 868; current State estimates by county from series P–25 and P–26. [2] Data from U.S. Bureau of Economic Analysis. [3] Estimated by source. [4] U.S. Bureau of the Census State estimate. [5] Estimated. [6] Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission. Based on population data from U.S. Bureau of the Census and on labor force data from U.S. Bureau of Labor Statistics and individual State reporting agencies.

No. 784. Per Capita Money Income, 1969 and 1977, and Family Income and Persons Below Poverty and Near-Poverty Levels, 1969

[See headnote, table 783. For definition of poverty level, see table 769 and text, p. 436. For definition of median, see Guide to Tabular Presentation]

Area	Per capita money income [1]				Family income, 1969 [1]		Poverty level, 1969		Near-poverty [2] level, 1969	
	Total		Percent of U.S.		Median money income	Percent of U.S.	Persons below (1,000)	Percent of 1970 population	Persons below (1,000)	Percent of 1970 population
	1969	1979	1969	1977						
United States	**$3,119**	**$5,751**	**100.0**	**100.0**	**$9,586**	**100.0**	**27,125**	**13.7**	**36,902**	**18.6**
Appalachian States	**3,000**	**5,455**	**96.2**	**94.9**	**9,206**	**96.0**	**11,406**	**15.4**	**15,270**	**20.6**
Appalachian region	2,505	4,830	80.3	84.0	7,941	82.8	3,228	18.1	4,379	24.6
Appalachian portion of—										
Alabama	2,430	4,932	77.9	85.8	7,544	78.7	463	22.1	610	29.1
Georgia	2,419	4,732	77.6	82.3	7,777	81.1	136	17.0	190	23.6
Kentucky	1,732	3,670	55.5	63.8	5,055	52.7	394	38.8	408	47.4
Maryland	2,599	4,806	83.3	83.6	8,212	85.7	30	14.7	45	21.9
Mississippi	1,861	3,939	59.7	68.5	5,806	60.6	139	33.8	172	41.9
New York	2,845	4,679	91.2	81.4	9,310	97.1	117	11.5	172	16.9
North Carolina	2,437	4,832	78.1	84.0	7,466	77.9	190	18.7	261	25.7
Ohio	2,443	4,632	78.3	80.6	8,191	85.4	176	16.0	246	22.3
Pennsylvania	2,790	5,230	89.5	90.9	8,821	92.0	664	11.4	972	16.8
South Carolina	2,571	5,092	82.4	88.6	8,229	85.8	104	16.2	145	22.6
Tennessee	2,340	4,599	75.0	80.0	7,056	73.7	381	22.4	506	29.7
Virginia	2,050	4,259	65.7	74.1	6,536	68.2	113	24.4	152	32.7
West Virginia [3]	2,333	4,851	74.8	84.4	7,414	77.3	380	22.2	501	29.3
Non-Appalachian portions	3,156	5,659	101.2	98.4	9,703	101.2	8,178	14.5	10,891	19.3

[1] Data compiled from county data, U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 882, 883, and 885. [2] 125 percent of poverty level. [3] Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission, unpublished data.

No. 785. Personal Wealth—Percent Share of Top One Percent: 1922 to 1972

[Persons 21 years old and over. Data differ from those in table 786 because the latter relate to all persons]

YEAR	Percent	YEAR	Percent	YEAR	Percent
1922	31.6	1949	20.8	1962	22.0
1929	36.3	1953	24.3	1965	23.4
1933	28.3	1954	24.0	1969	20.1
1939	30.6	1956	26.0	1972	20.7
1945	23.3	1958	23.8		

Source: 1922-1956, Robert J. Lampman, *The Share of Top Wealth-Holders in National Wealth*, National Bureau of Economic Research, 1962; 1958, James D. Smith and Staunton K. Calvert, "Estimating the Wealth of Top Wealth-Holders from Estate Tax Returns," *Proceedings of the American Statistical Association*, Philadelphia, Pa., 1965 (copyright), 1962-1972, James D. Smith, unpublished estimates, The Urban Institute, Washington, D.C., and The Pennsylvania State University (copyright).

No. 786. Personal Wealth—Value of Assets Held by All Persons, Top One-Half Percent, and Top One Percent: 1958 to 1972

[**In billions of dollars, except as indicated.** Wealth of all persons derived from national balance sheets. Wealth of top one-half percent and one percent of all persons estimated by estate multiplier technique. Detailed descriptions of methodology and attendant problems can be found in sources cited for table 785]

ASSET	1958					1962				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**1,625.1**	**332.0**	**414.4**	**20.4**	**25.5**	**2,093.9**	**432.4**	**548.3**	**20.7**	**26.2**
Real estate [1]	621.5	62.5	93.9	10.1	15.1	770.0	79.6	117.8	10.3	15.3
Corporate stock [2]	264.1	175.9	199.2	66.6	75.4	426.4	227.3	264.4	53.3	62.0
Bonds	87.0	31.3	36.0	36.0	41.4	94.5	33.2	38.4	35.1	40.6
Cash [3]	216.0	22.5	32.8	10.4	15.2	278.3	28.9	42.5	10.4	15.3
Debt instruments [4]	43.7	12.5	16.3	28.6	37.3	51.5	16.5	21.8	32.0	42.3
Life insurance [5]	79.9	7.5	11.3	9.4	14.1	93.8	7.1	10.7	7.6	11.4
Trusts [6]	30.3	25.8	27.9	85.1	92.1	46.1	(NA)	(NA)	(NA)	(NA)
Miscellaneous	312.9	19.8	24.9	6.3	7.9	379.4	39.8	52.7	10.5	13.9
Liabilities [7]	**227.4**	**29.2**	**38.3**	**12.9**	**16.8**	**314.0**	**47.8**	**61.0**	**15.2**	**19.4**
Net worth	**1,396.7**	**302.8**	**376.1**	**21.7**	**26.9**	**1,779.9**	**384.6**	**487.3**	**21.6**	**27.4**
Number of persons (mil.)	(x)	**.87**	**1.74**	(x)	(x)	(x)	**.93**	**1.87**	(x)	(x)

	1969					1972				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**3,484.1**	**672.4**	**848.8**	**19.3**	**24.4**	**4,344.4**	**822.4**	**1,046.9**	**18.9**	**24.1**
Real estate [1]	1,188.8	117.0	170.7	9.8	14.4	1,492.6	150.9	225.0	10.1	15.1
Corporate stock [2]	832.1	366.3	423.3	44.0	50.8	870.9	429.3	491.7	49.3	56.5
Bonds	133.9	63.7	71.5	47.6	53.4	158.0	82.5	94.8	52.2	60.0
Cash [3]	496.9	48.1	71.2	9.7	14.3	748.8	63.6	101.2	8.5	13.5
Debt instruments [4]	72.4	21.9	29.6	30.2	40.9	77.5	30.3	40.8	39.1	52.7
Life insurance [5]	127.2	8.4	13.8	6.6	10.8	143.0	6.2	10.0	4.3	7.0
Trusts [6]	69.9	60.0	64.5	85.8	92.3	99.4	80.3	89.4	80.8	89.9
Miscellaneous	632.8	47.0	68.7	7.4	10.9	853.6	59.5	83.3	6.8	9.8
Liabilities [7]	**557.5**	**75.8**	**100.5**	**13.6**	**18.0**	**808.5**	**100.7**	**131.0**	**12.5**	**16.2**
Net worth	**2,926.6**	**596.7**	**748.1**	**20.4**	**25.6**	**3,535.9**	**721.7**	**915.9**	**20.4**	**25.9**
Number of persons (mil.)	(x)	**1.01**	**2.03**	(x)	(x)	(x)	**1.04**	**2.09**	(x)	(x)

NA Not available. X Not applicable. [1] Market value without deduction of mortgages, liens, or other incumbrances. Beginning 1962, includes foreign real estate. [2] Includes all common and preferred issues, shares in domestic or foreign firms, certificates and shares of building and loan and savings and loan associations, Federal land bank stock, accrued dividends, and other instruments representing equity interest in an enterprise. Stock held in trust is included, but value is understated. [3] Includes checking and savings balances, currency on hand or in safe deposit boxes, cash balances with stock brokers, and postal savings accounts. Cash in trust is included, but understated. [4] Includes notes and mortgages, security credit, and similar assets. [5] Cash surrender value; i.e., the amount individuals could expect to receive were they to surrender their policies to the carriers. It takes account of policy loans, accrued dividends, and unearned premiums. [6] Includes all assets owned in trust except real estate. Trust classification figures should not be used to arrive at total assets because these data are included in individual asset types. [7] Includes all legal obligations except loans on life insurance policies.

Source: James D. Smith and Stephen D. Franklin, "The Concentration of Personal Wealth, 1922-1969," *The American Economic Review*, volume LXIV, Number 2, May 1974 (copyright), and U.S. Congress, House Committee on the Budget, *Data on Distribution of Wealth in the United States*.

No. 787. Personal Wealth—Top Wealthholders, by Characteristics and by Size of Gross Estate, and Asset Composition: 1953 to 1972

[Estimates based on Federal estate tax returns showing gross assets of $60,000 or more, filed with Internal Revenue Service. Comparability of data is affected by revisions in estimating techniques]

ITEM	TOTAL					PERCENT DISTRIBUTION				
	1953	1958	1962	1969	1972	1953	1958	1962	1969	1972
NUMBER	TOP WEALTHHOLDERS (1,000)					TOP WEALTHHOLDERS				
Total	**1,979**	**3,009**	**4,132**	**9,013**	**12,815**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male [1]	1,330	1,936	2,539	5,643	7,810	67.2	64.3	61.4	62.6	60.9
Under 50 years	491	741	988	2,557	3,976	24.8	24.6	23.9	28.4	31.0
50-69 years	648	923	1,173	2,329	2,810	32.7	30.7	28.4	25.8	21.9
70 years and over	151	232	332	666	762	7.6	7.7	8.0	7.4	5.9
Female [1]	648	1,073	1,594	3,370	5,006	32.7	35.7	38.6	37.4	39.1
Under 50 years	197	299	471	932	1,951	10.0	9.9	11.4	10.3	15.2
50-69 years	306	530	758	1,630	2,001	15.5	17.6	18.3	18.1	15.6
70 years and over	120	209	324	726	875	6.1	6.9	7.8	8.1	6.8
SIZE OF GROSS ESTATE										
$60,000-$99,999	(NA)	1,193	1,593	3,341	4,938	(NA)	39.6	38.6	37.1	38.5
$100,000-$199,999	(NA)	1,179	1,627	5,214	5,175	(NA)	39.2	39.4	57.8	40.4
$200,000-$499,999	(NA)	488	692		2,059	(NA)	16.2	16.7		16.1
$500,000-$999,999	(NA)	102	149	311	425	(NA)	3.4	3.6	3.4	3.3
$1,000,000-$9,999,999	(NA)	45	69	143	218	(NA)	1.5	1.7	1.6	1.7
$10,000,000 or more	(NA)	2	2	4		(NA)	.1	(Z)	(Z)	
TYPE OF ASSET	ASSET COMPOSITION (bil. dol.)					ASSET COMPOSITION				
Total assets	**356**	**542**	**752**	**1,581**	**2,152**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Real estate	82	133	188	428	645	23.0	24.5	25.0	27.1	30.0
Bonds	36	36	48	85	124	9.9	6.6	6.4	5.4	5.8
Corporate stock	141	231	326	551	629	39.6	42.6	43.3	34.9	29.2
Cash [2]	34	46	71	190	278	9.5	8.5	9.4	12.0	12.9
Notes and mortgages	13	21	30	59	86	3.5	3.8	4.0	3.8	4.0
Insurance equity	7	11	16	31	42	2.0	2.0	2.1	2.0	2.0
Other	44	66	74	236	346	12.4	12.1	9.8	14.9	16.1
Debts	**32**	**50**	**83**	**204**	**301**	**8.9**	**9.2**	**11.0**	**12.9**	**14.0**
Net worth (less deficit)	**324**	**492**	**669**	**1,377**	**1,852**	**91.1**	**90.8**	**89.0**	**87.1**	**86.1**

NA Not available. Z Less than .05 percent. [1] Includes persons of unknown age. [2] Includes checking and savings accounts, savings certificates, etc.

No. 788. Personal Wealth—Number of Top Wealthholders, by Sex, Marital Status, and Age, and by Size of Net Worth: 1962 and 1972

[In thousands. See headnote, table 787]

NET-WORTH CLASS	MALE					FEMALE				
	Married	Single [1]	Widowed	Under 50 years [2]	65 yr. and over	Married	Single [1]	Widowed	Under 50 years [2]	65 yr. and over
1962, total	**2,121**	**258**	**159**	**1,034**	**576**	**761**	**283**	**550**	**512**	**509**
Under $100,000 [3]	1,276	155	86	763	245	396	159	261	286	237
$100,000-$199,999	532	62	46	174	203	228	78	182	137	167
$200,000-$499,999	235	30	21	73	95	92	34	80	60	76
$500,000-$999,999	52	7	4	16	22	30	8	17	23	18
$1,000,000 or more	26	4	2	8	11	15	3	11	7	10
1972, total	**6,303**	**986**	**521**	**4,238**	**1,258**	**2,269**	**946**	**1,791**	**2,129**	**1,300**
Under $100,000 [3]	4,254	688	301	3,401	502	1,338	517	949	1,416	570
$100,000-$249,999	1,495	209	159	611	542	682	307	584	488	531
$250,000-$499,999	361	62	41	162	131	150	68	166	126	131
$500,000-$999,999	121	17	12	40	51	65	34	56	61	43
$1,000,000 or more	71	11	7	24	31	34	20	36	39	25

[1] Includes divorced persons. [2] Includes persons of unknown age. [3] Includes returns with negative net worth.

Source of tables 787 and 788: U.S. Internal Revenue Service, *Statistics of Income, 1962* and *1972*, Supplemental Report, *Personal Wealth.*

No. 789. Personal Wealth—Number and Assets of Top Wealthholders by States: 1962 and 1972

[See headnote, table 787. Totals derived from adding State data differ slightly from national totals shown here because of the sample weighting procedures used]

STATE	1962						1972					
	Number of top wealthholders (1,000)			Total assets			Number of top wealthholders (1,000)			Total assets		
					Percent						Percent	
	Total	Male	Female	Total (bil. dol.)	Corporate stock	Real estate	Total	Male	Female	Total (bil. dol.)	Corporate stock	Real estate
Total	**4,132.2**	**2,538.6**	**1,593.6**	**752.0**	**43.3**	**25.0**	**12,815.2**	**7,809.6**	**5,005.7**	**2,151.9**	**29.2**	**30.0**
Ala	31.5	21.3	10.1	5.0	26.7	36.6	123.5	75.4	48.1	21.3	27.2	34.4
Alaska	1.1	1.1	(1)	.2	20.4	53.3	8.8	7.7	1.1	1.5	22.4	47.4
Ariz	31.4	17.2	14.2	17.7	71.7	12.9	87.6	55.0	32.6	17.6	32.9	27.5
Ark	23.8	18.3	5.5	3.9	27.6	35.3	54.9	35.1	19.8	9.6	22.3	32.3
Calif	477.9	231.2	246.7	97.9	40.2	31.9	1,237.6	609.6	628.0	242.4	29.6	29.9
Colo	54.4	35.8	18.7	8.4	32.0	33.8	178.6	99.9	78.7	25.4	26.2	31.1
Conn	79.8	48.0	31.8	15.4	52.9	19.7	266.6	143.2	123.4	57.6	37.9	23.6
Del	14.0	9.0	5.0	3.3	51.9	26.1	42.5	21.3	21.1	7.3	17.8	31.8
D.C	21.2	9.9	11.2	4.4	46.1	18.0	(2)	(2)	(2)	(2)	(2)	(2)
Fla	153.1	95.6	57.5	28.0	40.3	29.2	572.4	334.5	237.9	131.0	34.6	26.1
Ga	66.1	38.0	28.1	13.4	37.8	26.9	219.1	161.2	57.9	44.1	24.4	36.8
Hawaii	11.3	7.7	3.6	1.9	36.6	42.0	53.7	37.5	16.3	7.9	23.6	40.4
Idaho	11.6	5.4	6.2	1.8	37.3	33.1	67.6	22.4	45.3	7.5	22.3	35.7
Ill	247.8	148.3	99.5	41.2	40.6	27.4	834.2	445.6	388.6	132.2	24.9	31.1
Ind	84.7	60.9	23.8	12.9	42.1	26.9	350.2	230.1	120.1	45.3	23.2	33.9
Iowa	97.4	72.2	25.2	10.6	17.0	43.2	328.8	204.0	124.9	38.7	14.8	42.7
Kans	62.5	43.4	19.1	8.8	24.6	38.8	183.1	125.4	57.7	31.3	25.4	35.4
Ky	40.5	25.3	15.2	6.1	35.5	28.7	135.7	86.2	49.6	24.6	26.5	27.2
La	42.8	24.4	18.4	7.0	25.1	36.9	125.9	68.1	57.8	23.0	32.2	32.8
Maine	17.3	9.6	7.7	3.7	49.6	12.3	76.7	55.8	20.9	12.0	31.1	25.0
Md	63.2	42.7	20.6	10.5	42.9	24.5	[2] 200.7	[2] 125.9	[2] 74.8	[2] 43.6	[2] 33.0	[2] 28.5
Mass	115.7	70.5	45.2	21.5	51.5	17.6	344.0	210.9	133.1	62.3	27.8	22.7
Mich	118.9	81.5	37.4	23.4	44.3	21.8	392.3	259.8	122.5	65.3	28.8	29.6
Minn	89.7	66.4	23.3	13.5	41.3	28.2	350.1	240.6	109.5	40.9	19.6	32.3
Miss	26.7	21.2	5.5	4.2	30.0	26.6	93.7	53.7	40.0	14.1	19.7	40.1
Mo	69.9	46.8	23.1	13.4	46.9	21.8	205.1	144.5	60.6	40.6	32.5	26.2
Mont	21.0	14.1	6.8	2.3	21.6	37.3	77.3	46.0	31.4	11.1	16.5	38.6
Nebr	45.1	32.6	12.6	6.0	19.2	43.0	184.5	131.4	53.2	24.3	10.0	43.5
Nev	10.3	6.0	4.3	2.5	36.0	32.2	17.2	8.5	8.7	4.5	26.7	38.9
N.H	11.8	7.9	3.9	2.8	45.1	12.6	40.7	15.3	25.4	7.7	32.0	24.5
N.J	184.0	115.5	68.5	28.9	45.9	20.8	597.9	379.5	218.4	100.6	34.5	27.9
N. Mex	14.9	7.4	7.5	1.9	30.4	36.3	50.7	43.5	7.3	7.6	36.4	30.6
N.Y	613.1	366.7	246.4	116.4	51.2	15.6	1,581.7	1,015.4	566.3	236.6	34.0	24.4
N.C	65.5	48.6	16.9	12.1	40.1	29.5	244.5	178.0	66.5	37.7	28.4	37.8
N. Dak	12.7	9.2	3.5	1.5	14.8	45.2	89.5	56.9	32.6	10.0	7.0	52.4
Ohio	186.1	110.4	75.7	33.9	43.9	21.1	667.1	417.2	249.9	115.1	35.5	24.0
Okla	50.2	36.9	13.3	8.1	28.2	33.3	147.6	98.7	49.0	20.4	20.9	41.2
Oreg	42.6	29.1	13.6	6.6	27.6	32.0	95.4	65.9	29.5	17.0	26.4	30.3
Pa	220.4	144.9	75.5	45.3	54.7	16.4	560.9	320.7	240.2	92.6	36.5	24.5
R.I	18.3	11.2	7.1	3.5	49.9	18.3	46.2	25.2	20.9	6.7	28.3	30.0
S.C	31.1	23.3	7.8	4.2	29.8	37.1	113.6	84.7	29.0	17.1	19.8	46.9
S. Dak	16.1	13.3	2.9	2.0	21.9	36.6	42.8	31.5	11.3	6.2	15.2	34.5
Tenn	42.4	30.0	12.4	8.7	40.6	24.6	205.3	137.9	67.4	29.4	27.4	32.2
Tex	194.1	95.6	98.5	40.8	39.5	32.2	563.2	310.1	253.1	119.4	24.8	38.8
Utah	10.1	7.0	3.1	1.7	33.0	25.5	28.4	20.0	8.4	4.7	21.3	35.0
Vt	8.0	5.4	2.7	1.0	49.1	20.5	26.7	21.0	5.6	3.0	30.3	27.0
Va	77.3	47.4	29.8	11.8	42.0	27.3	242.2	142.1	100.1	40.7	29.7	34.4
Wash	63.1	29.0	34.2	8.9	33.2	33.7	187.5	81.7	105.8	27.0	28.5	28.4
W. Va	22.8	16.1	6.7	5.4	52.3	24.1	52.2	23.8	28.3	7.9	33.8	25.0
Wis	97.7	66.6	31.1	12.3	36.9	26.1	392.0	280.3	111.8	49.2	27.8	27.4
Wyo	9.0	6.9	2.1	2.2	38.7	31.1	15.6	7.7	7.9	4.5	23.9	37.0
Other areas	10.2	6.0	4.1	2.7	58.9	44.3	20.7	13.1	7.6	3.7	28.3	21.1

[1] Estimate not shown separately because of high sampling variability.

[2] District of Columbia included with Maryland.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1962* and *1972*, Supplemental Report, *Personal Wealth.*

NO. 790. NATIONAL WEALTH, BY TYPE OF ASSET: 1967 TO 1975

[**In billions of dollars.** Consult source for methods and sources used to derive these estimates. See text, p. 437. See *Historical Statistics, Colonial Times to 1970,* series F 349-376 and F 422-469, for similar data]

TYPE OF ASSET	CURRENT DOLLARS				CONSTANT (1958) DOLLARS			
	1967	1970	1974	1975	1967	1970	1974	1975
Total tangible assets	**2,679.5**	**3,485.1**	**5,205.4**	**5,587.6**	**2,152.6**	**2,373.9**	**2,737.5**	**2,772.1**
Total reproducible assets	**2,088.6**	**2,727.1**	**4,040.3**	**4,302.8**	**1,765.4**	**1,963.4**	**2,271.9**	**2,299.3**
Structures [1]	1,215.9	1,614.4	2,381.5	2,555.3	958.1	1,040.5	1,173.5	1,187.3
Nonfarm	1,203.8	1,600.6	2,361.9	2,534.4	948.0	1,030.4	1,162.8	1,176.2
Residential [2]	425.7	536.9	863.8	952.9	337.9	366.9	436.0	440.1
Public nonresidential	356.2	495.1	715.8	745.4	281.1	300.8	315.2	318.7
Institutional	50.8	72.6	113.2	125.6	37.3	42.1	47.0	47.7
Other private nonresidential	371.1	496.0	669.1	710.5	291.7	320.6	364.6	369.7
Residential-rental	170.5	215.0	318.0	350.7	134.9	146.9	161.3	162.8
Farm structures	12.1	13.8	19.6	20.9	10.1	10.1	10.7	11.1
Equipment [1]	541.6	704.9	963.6	1,040.3	502.4	589.6	700.6	713.4
Private business and public equip	315.9	403.3	510.7	543.7	277.4	317.9	352.5	358.6
Consumer durables	225.7	301.6	452.9	496.6	225.0	271.7	348.1	354.8
Inventories [3]	331.1	407.8	695.2	707.2	304.9	333.3	397.8	398.6
Private farm	27.7	32.9	43.8	43.9	26.4	26.6	31.6	31.4
Private nonfarm [4]	268.3	333.9	543.2	555.8	244.9	270.7	313.0	314.0
Public	35.1	41.0	108.2	107.5	33.6	36.0	53.2	53.2
Land [5]	590.9	758.0	1,165.1	1,284.8	387.2	410.5	465.6	472.8
Private farm	152.7	171.3	286.5	336.2	88.3	87.0	87.0	87.0
Private nonfarm	302.4	404.6	637.3	705.6	201.5	220.7	253.8	258.5
Public	135.8	182.1	231.3	243.0	97.4	102.8	124.8	127.3

[1] Estimates derived by "perpetual inventory" method which is intended to reflect reproduction cost of different types of assets. Estimates are obtained by: (*a*) reducing each year's gross capital expenditures in current prices to 1958 price level by means of the appropriate construction cost index; (*b*) depreciating gross capital expenditures in accordance with an assumed length of life for different types of assets, thus obtaining net capital expenditures for each year in 1958 prices; (*c*) cumulating net capital expenditures for as many years backwards as corresponds to the assured length of life of the type of asset involved. [2] Owner occupied only. [3] Current dollar estimates are based on book values; constant dollar estimates reflect book values reduced by means of wholesale price indexes. [4] Includes business and household inventories. [5] Private farm land estimates based on census or similar data. Private nonfarm land estimates are derived by application of rough ratios of land to structure values for different types of real estate. Excludes subsoil assets.

Source: Kendrick, John W., with Kyu Sik Lee and Jean Lomask, *The National Wealth of the United States, by Major Sector and Industry,* copyright by The Conference Board, New York, N.Y., 1976.

NO. 791. NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT AND CONSTANT (1972) DOLLARS: 1929 TO 1979

[**In billions of dollars.** As of **Dec. 31.** See headnotes, tables 936 and 1402]

TYPE OF WEALTH	1929	1935	1945	1950	1955	1960	1965	1970	1975	1978	1979
CURRENT DOLLARS											
Net stock, total	263	210	462	720	1,017	1,312	1,644	2,559	4,321	5,940	6,745
Business	188	140	234	447	622	814	1,006	1,562	2,673	3,765	4,288
Percent of total	71.5	66.7	50.6	62.1	61.2	62.0	61.2	61.0	61.9	63.4	63.6
Equipment	33	22	39	98	141	182	224	358	610	814	917
Nonresidential structures	56	42	58	104	147	195	253	431	773	1,014	1,153
Residential structures	99	76	137	245	334	437	529	773	1,290	1,937	2,218
Government	37	44	179	169	243	306	405	628	1,057	1,376	1,565
Equipment:											
Military	1	1	77	29	50	54	64	76	102	135	153
Other	1	2	13	9	17	21	26	40	65	85	93
Nonresidential structures	35	41	86	127	169	221	302	492	857	1,111	1,268
Residential structures	(z)	(z)	3	4	7	10	13	20	33	45	51
Households, consumer durables	38	26	49	104	152	192	233	369	591	799	892
CONSTANT (1972) DOLLARS											
Net stock, total	926	871	1,169	1,231	1,542	1,814	2,196	2,697	3,170	3,442	3,533
Business	693	620	588	770	943	1,121	1,350	1,639	1,917	2,071	2,130
Equipment	98	72	90	163	204	228	273	369	448	497	517
Nonresidential structures	237	210	171	205	250	307	376	469	539	570	585
Residential structures	358	338	328	401	490	585	701	801	930	1,004	1,028
Government	141	174	504	327	412	476	578	684	760	789	794
Equipment:											
Military	4	3	226	57	77	73	81	80	81	84	84
Other	4	6	32	16	26	28	32	41	49	54	54
Nonresidential structures	133	165	239	248	298	361	447	542	607	627	632
Residential structures	(z)	(z)	7	7	10	14	18	21	24	24	24
Households, consumer durables	92	78	77	134	188	217	268	373	493	582	610

Z Less than $500 million.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business, March 1980,* and unpublished data.

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Section 15

Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities, and budgets for urban families and retired couples. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review; Consumer Price Index, Detailed Report; Estimated Retail Food Prices by Cities; Retail Prices and Indexes of Fuels and Utilities; Estimated Retail Food Prices by Cities; Consumer Price Indexes: Energy; and Producer Prices and Price Indexes.* The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 796. The Department of Agriculture's Economics, Statistics, and Cooperatives Service (ESCS) produces indexes of prices received and prices paid by farmers; see section 24. The single year 1967 is currently the standard reference base period for most general-purpose index numbers prepared by Federal agencies.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

Producer price index.—This index, dating from 1890, is the oldest continuous statistical series published by the BLS. It is designed to measure average changes in prices of all commodities, at all stages of processing, produced or imported for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review,* February 1962). It is now based on approximately 2,800 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected from sellers, if possible, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price, the importer's selling price, or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country, or imported. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–1975, weights were based on 1963 shipment values.

Implicit Price Deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: the implicit price deflator for personal consumption expenditures (PCE) and the chain price index for PCE, prepared by Bureau of Economic Analysis (BEA), and the Consumer Price Index, prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers All Urban Consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1978 for a detailed reconciliation.

Consumer price indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed market basket of goods and services purchased by urban wage earners and clerical workers and by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917–19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972–1973 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI–U) which covers approximately 80 percent of the total noninstitutional civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI–W) which represents about half the population covered by CPI–U. The CPI–U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 18,000 tenants, 18,000 housing units for property taxes, and about 24,000 establishments. Area selection based on the 1970 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see text, page 2. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see *Consumer Price Index,* BLS report number 517.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

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

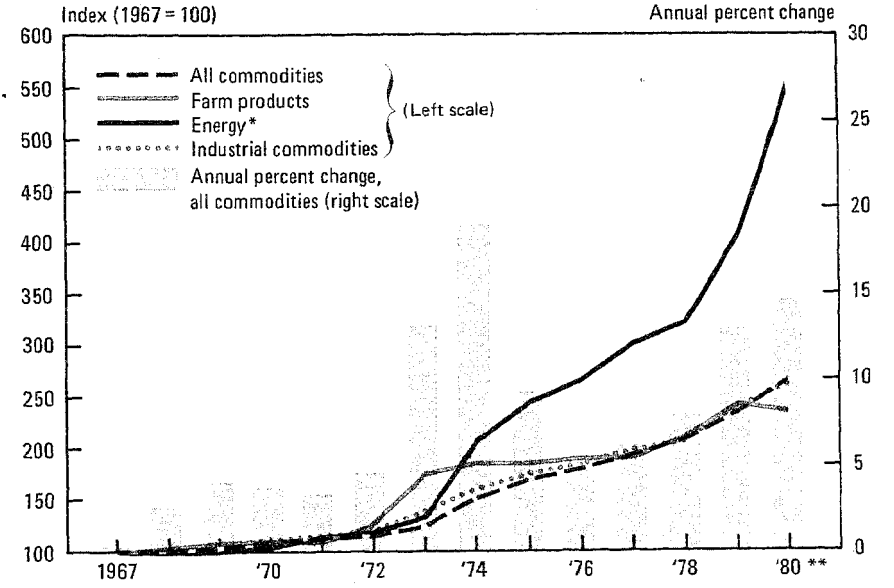
No. 792. Purchasing Power of the Dollar: 1940 to 1980

[1967=$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are monthly average]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940	$2.469	$2.381	1957	$1.098	$1.186	1969	$.938	$.911
1945	1.832	1.855	1958	1.073	1.155	1970	.907	.860
1947	1.351	1.495	1959	1.075	1.145	1971	.880	.824
1948	1.252	1.387	1960	1.067	1.127	1972	.853	.798
1949	1.289	1.401	1961	1.067	1.116	1973	.782	.752
1950	1.266	1.387	1962	1.064	1.104	1974	.678	.678
1951	1.156	1.285	1963	1.067	1.091	1975	.612	.621
1952	1.163	1.258	1964	1.063	1.076	1976	.587	.587
1953	1.175	1.248	1965	1.045	1.058	1977	.554	.551
1954	1.172	1.242	1966	1.012	1.029	1978	.514	.512
1955	1.170	1.247	1967	1.000	1.000	1979	.463	.460
1956	1.138	1.229	1968	.972	.960	1980, May	.415	.408

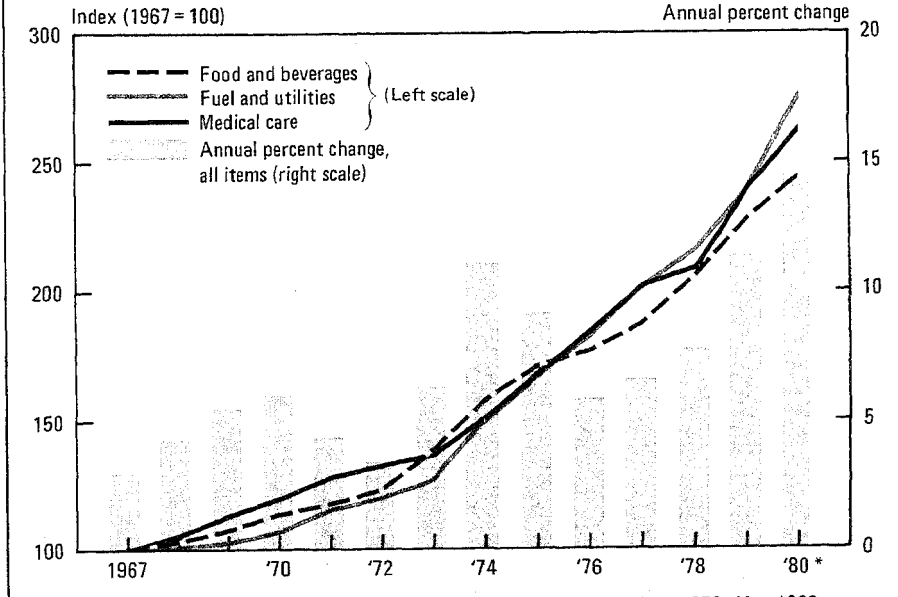
Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business.*

Figure 15.1
Producer Price Indexes: 1967 to 1980



* Fuel, power, and related products.
**Annual rate for five months ending May. For 1980, percent change, May 1979–May 1980.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 794 and 800.

Figure 15.2
Consumer Price Indexes: 1967 to 1980



*Annual rate for five months ending May. For 1980, percent change May 1979–May 1980.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 794 and 808.

No. 793. Annual Percent Change in Summary Price Indexes: 1970 to 1980

[Change based on annual averages of monthly or quarterly indexes]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
All items, CPI [1]	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	[2] 14.4
Finished goods, PPI [1]	3.5	3.1	3.1	9.1	15.3	10.8	4.2	6.0	7.8	10.9	[2] 13.3
GNP [3] price deflators	5.4	5.1	4.1	5.8	9.7	9.6	5.2	6.0	7.3	8.8	[4] 9.2
PCE [3] price deflators	4.6	4.4	3.6	5.5	10.9	8.1	5.1	5.7	6.8	8.9	[4] 10.6

[1] CPI = Consumer price index; PPI = Producer price index; see text pp. 475-476. [2] Change from May 1979-May 1980. [3] GNP = Gross national product; PCE = Personal consumption expenditures; see table 796. Source: See source for table 796. [4] Change from 2d qtr. 1979-2d qtr. 1980.

No. 794. Annual Percent Change in Selected Price Indexes: 1960 to 1979

[Yearly averages. Minus sign (−) denotes decrease. GNP = Gross national product; see text, p. 435]

YEAR OR PERIOD	CONSUMER PRICES						PRODUCER PRICES					GNP DEFLATOR [2]		
	All items	Food	Fuel oil and coal [1]	Electricity	Rent	Services	Finished goods		Intermediate goods	Crude goods		Total	Domestic business	Nonfarm business
							Total	Consumer foods		Total	Fuel			
1960 [3]	1.6	1.0	−.7	1.3	1.4	3.3	.8	2.2	-	−2.4	1.0	1.7	1.6	1.5
1965 [4]	1.7	2.2	2.0	−.5	1.0	2.2	1.7	3.8	1.4	5.1	.8	2.2	1.9	1.2
1966	2.9	5.0	2.5	-	1.3	3.9	3.2	6.5	2.5	6.4	3.0	3.3	3.0	2.8
1967	2.9	.9	3.1	.9	1.8	4.4	1.2	−1.6	.8	−5.4	3.8	2.9	2.7	3.2
1968	4.2	3.6	3.1	.9	2.4	5.2	2.9	3.7	2.3	1.6	2.3	4.5	4.0	3.8
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.6	6.1	3.4	6.7	4.0	5.0	4.8	4.5
1970	5.9	5.5	4.3	3.3	4.2	8.1	3.5	3.2	3.9	3.6	14.9	5.4	4.5	4.7
1971	4.3	3.0	6.7	6.6	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.1	4.5	4.6
1972	3.3	4.3	.9	5.0	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.1	3.4	3.1
1973	6.2	14.5	14.8	5.0	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.8	5.5	4.1
1974	11.0	14.4	57.8	18.1	5.1	9.3	15.3	14.0	23.8	12.7	33.4	9.7	9.7	10.1
1975	9.1	8.5	9.6	13.2	5.1	9.5	10.8	8.4	10.5	.4	23.8	9.6	9.9	10.2
1976	5.8	3.1	6.6	6.3	5.4	8.3	4.2	−.4	5.2	4.2	15.9	5.2	4.7	5.4
1977	6.5	6.3	13.0	6.6	6.1	7.7	6.0	5.0	6.6	4.5	27.2	6.0	5.6	5.9
1978	7.7	10.0	5.3	7.4	6.8	8.5	7.8	9.2	6.8	12.0	15.8	7.3	7.3	6.7
1979	11.3	10.9	35.1	7.7	7.3	11.0	10.9	9.5	12.6	17.5	22.5	8.8	8.8	8.5
1980 [5]	14.4	6.9	52.6	15.8	8.7	17.3	13.3	1.5	15.8	6.5	24.0	9.2	9.1	9.9
1960-1965 [6]	1.3	1.4	1.2	−.1	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.1
1965-1970 [6]	4.2	4.0	3.1	1.4	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8
1970-1975 [6]	6.7	8.8	16.4	9.5	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.8	6.6	6.4
1975-1979 [6]	7.8	7.5	14.4	7.0	6.4	8.9	7.2	5.8	7.8	9.6	20.3	6.8	6.6	6.6

- Represents zero. [1] Includes bottled gas. [2] See table 796. Source: See source for table 796. [3] Base year for percent change is 1959. [4] Base year for percent change is 1964. [5] Change from May 1979-May 1980, except GNP deflator, 2d qtr. 1979 to 2d qtr. 1980. [6] Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source of tables 793 and 794: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 795. Annual Percent Change in Wage Rates, Costs, Output Per Manhour, and Federal Budget: 1970 to 1980

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Wage rates, private nonfarm:											
Average hourly earnings	6.3	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	[1] 7.9
Adjusted hourly earnings index	6.6	6.7	6.6	6.4	9.1	7.5	7.3	7.5	8.4	8.1	[1] 9.0
Employment cost index:											
Union	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.1	7.6	8.0	9.0	[1] 10.2
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.8	6.6	7.6	8.5	[1] 8.7
Private nonfarm business:											
Compensation per hour	6.8	6.7	6.4	7.8	9.2	10.0	8.3	7.9	8.6	9.0	[2] 9.8
Wages, salaries, fringes	(NA)	(NA)	(NA)	(NA)	10.0	8.0	7.7	6.9	8.3	8.0	(NA)
Social insurance [3]	(NA)	(NA)	(NA)	(NA)	.9	.6	.8	.6	.7	.8	(NA)
Output per paid hour	.2	2.9	3.0	1.7	−3.1	2.0	3.5	1.5	.5	−1.1	[2] −1.1
Unit labor costs	6.5	3.5	2.7	6.0	12.7	7.9	4.7	6.3	8.0	10.2	[2] 11.2
Federal government budget: [4]											
Receipts	3.2	−2.8	10.8	11.3	14.1	6.1	6.8	19.3	12.4	13.4	[5] 12.4
Outlays	6.5	7.5	9.7	6.5	9.1	21.0	12.4	9.9	11.9	9.4	[5] 14.2
Gross debt	4.2	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	7.5	[5] 7.1

NA Not available. [1] Change from May 1979-May 1980. [2] Change from 2d qtr. 1979 to 2d qtr. 1980. [3] Employer payments. [4] Fiscal year data; see table 430. Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual. [5] Estimate.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review,* and *Employment and Earnings,* monthly.

No. 796. Gross National Product, Implicit Price Deflators: 1960 to 1979

[1972 = 100. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958 = 100]

ITEM	1960	1965	1970	1971	1973	1974	1975	1976	1977	1978	1979
Gross national product	**68.7**	**74.3**	**91.4**	**96.0**	**105.8**	**116.0**	**127.2**	**133.7**	**141.7**	**152.1**	**165.5**
Business nonfarm	72.9	76.8	92.7	97.0	104.1	114.7	126.4	133.2	141.0	150.4	163.2
Farm	68.5	73.0	83.3	84.3	154.9	149.2	146.0	143.3	143.2	174.2	201.6
Government	49.7	60.2	84.8	92.1	107.3	113.7	123.7	132.7	142.9	153.1	165.1
Personal consumption expenditures	71.7	77.1	92.5	96.6	105.5	116.9	126.4	132.8	140.4	150.0	163.3
Durable	82.1	85.6	95.5	99.0	101.7	108.4	117.7	124.3	129.4	136.5	144.8
Motor vehicles and parts	77.2	83.7	94.1	99.3	101.2	108.1	119.2	128.4	135.7	145.5	156.1
Nondurable[1]	72.6	77.3	93.6	96.6	107.9	123.8	133.4	138.1	144.7	154.6	171.0
Food	70.2	75.6	92.6	95.3	111.6	128.7	138.4	142.0	148.2	162.5	178.8
Gasoline and oil	84.5	87.5	97.9	98.7	109.4	147.8	158.1	164.8	174.3	182.1	243.7
Fuel oil and coal	76.2	80.8	93.7	99.5	114.8	182.6	197.1	211.2	238.9	253.3	353.0
Services[1]	68.0	74.3	90.5	95.8	104.7	113.6	123.2	131.2	140.7	150.9	163.4
Housing	75.1	80.3	92.0	96.5	104.7	110.8	116.7	123.4	131.4	140.7	151.3
Transportation	64.0	69.7	88.5	97.2	101.3	108.4	113.4	128.5	143.2	151.3	173.5
Gross private fixed investment[2]	71.9	73.8	91.1	95.9	106.0	117.1	132.3	139.7	150.5	164.4	179.6
Nonresidential	72.2	74.5	91.3	96.4	103.8	115.3	132.2	138.5	146.6	157.8	171.3
Structures	63.1	65.9	88.0	94.4	107.8	128.1	144.9	149.5	160.0	174.3	192.4
Producers' durable equipment	79.3	80.6	93.4	97.6	101.7	109.2	126.0	133.3	140.7	150.3	161.1
Residential	71.4	72.3	90.6	94.9	110.8	122.3	132.6	142.5	159.3	179.7	201.4
Exports	77.1	80.5	93.1	96.6	116.2	148.3	163.6	169.9	178.7	190.3	214.8
Imports	76.7	78.0	89.1	93.5	118.2	171.0	188.0	193.3	210.7	222.1	256.2
Government purchases[3]	58.0	66.0	87.5	93.7	106.7	117.5	128.9	137.2	147.6	159.4	173.7
Federal	59.1	67.0	86.4	92.6	105.8	115.9	127.5	134.6	143.6	154.8	167.6
State and local	56.8	65.1	88.3	94.5	107.3	118.4	129.7	138.8	150.0	162.1	177.1
	ANNUAL PERCENT CHANGE[4]										
Gross national product	**1.7**	**2.2**	**5.4**	**5.1**	**5.8**	**9.7**	**9.6**	**5.2**	**6.0**	**7.3**	**8.8**
Personal consumption expenditure	1.9	1.8	4.6	4.4	5.5	10.9	8.1	5.1	5.7	6.8	8.9
Goods (durable)	.3	−.2	2.7	3.6	1.6	6.8	8.6	5.6	4.1	5.5	6.0
Services	3.0	2.0	5.2	5.8	4.7	8.6	8.4	6.5	7.3	7.3	8.3
Gross private fixed investment[2]	.4	1.5	4.8	5.3	6.0	10.5	13.0	5.5	7.8	9.2	9.2
Nonresidential	.4	1.2	5.4	5.5	3.8	11.1	14.6	4.8	5.8	7.7	8.5
Residential	.5	1.7	3.3	4.8	10.8	10.4	8.6	7.3	11.8	12.8	12.1
Exports	2.2	2.8	5.9	3.8	16.2	27.7	10.3	3.9	5.2	6.5	12.9
Imports	1.3	1.2	6.9	4.9	18.2	44.7	9.9	2.8	9.0	5.4	15.4
Government purchases[3]	1.4	3.1	8.0	7.2	6.7	10.1	9.7	6.5	7.6	8.0	8.9

[1] Includes items not shown separately. [2] Domestic investments only. [3] Goods and services. [4] For 1960, base year for percent change is 1959; for 1965, base year is 1964; for 1970, base year is 1969; 1971-79, change from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues and March 1980.

No. 797. Producer Price Indexes—Major Commodity Groups: 1950 to 1980

[1967 = 100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 475. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES		YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy[1]					Total	Energy[1]
1950	81.8	106.7	83.4	78.0	87.1	1966	99.8	105.9	101.2	98.5	97.8
1951	91.1	124.2	92.7	86.1	90.3	1967	100.0	100.0	100.0	100.0	100.0
1952	88.6	117.2	91.6	84.1	90.1	1968	102.5	102.5	102.2	102.5	98.9
1953	87.4	106.2	87.4	84.8	92.6	1969	106.5	109.1	107.3	106.0	100.9
1954	87.6	104.7	88.9	85.0	91.3	1970	110.4	111.0	112.1	110.0	106.2
1955	87.8	98.2	85.0	86.9	91.2	1971	114.0	112.9	114.5	114.1	115.2
1956	90.7	96.9	84.9	90.8	94.0	1972	119.1	125.0	120.8	117.9	118.6
1957	93.3	99.5	87.4	93.3	99.1	1973	134.7	176.3	148.1	125.9	134.3
1958	94.6	103.9	91.8	93.6	95.3	1974	160.1	187.7	170.9	153.8	208.3
1959	94.8	97.5	89.4	95.3	95.3	1975	174.9	186.7	182.6	171.5	245.1
1960	94.9	97.2	89.5	95.3	96.1	1976	183.0	191.0	178.0	182.4	265.6
1961	94.5	96.3	91.0	94.8	97.2	1977	194.2	192.5	186.1	195.1	302.2
1962	94.8	98.0	91.9	94.8	96.7	1978	209.3	212.5	202.6	209.4	322.5
1963	94.5	96.0	92.5	94.7	96.3	1979	235.6	241.4	222.5	236.5	408.1
1964	94.7	94.6	92.3	95.2	93.7	1980,					
1965	96.6	98.7	95.5	96.4	95.5	May	263.7	233.6	233.1	271.2	571.9

[1] Fuels, related products, and power.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 798. Producer Price Indexes—Annual Percent Change in Selected Commodity Groups: 1970 to 1980

[Minus sign (–) denotes decrease]

COMMODITY GROUP	1970[1]	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980[2]
Farm products	1.7	1.7	10.7	41.0	6.5	–.5	2.3	.8	10.4	13.6	–4.8
Processed foods and feeds	4.5	2.0	5.7	22.6	15.4	6.8	–2.5	4.6	8.9	9.8	5.0
Textile products and apparel	1.0	1.4	4.6	9.0	12.4	–.9	7.5	3.9	3.8	5.6	8.6
Hides, skins, leather, related products	1.3	3.4	15.2	9.0	1.4	2.3	13.0	6.9	11.5	26.2	–10.7
Fuels, related products, power	5.3	7.5	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	51.5
Chemicals and allied products	2.3	2.0	–	5.6	33.5	23.5	3.3	3.0	3.1	11.8	19.8
Rubber and plastic products	2.8	.8	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	12.7
Lumber and wood products	–9.3	11.8	13.6	22.8	3.6	–3.6	16.2	14.9	16.8	8.8	–10.3
Pulp, paper, and allied products	4.0	1.8	3.0	7.7	24.2	12.3	5.3	3.9	4.9	12.0	15.1
Metals and metal products	7.5	2.1	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.0
Machinery and equipment	4.6	3.7	2.1	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1
Furniture and household durables	2.5	2.2	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	6.5
Nonmetallic mineral products	4.8	8.4	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.6	15.2
Transportation equipment	3.8	5.4	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	7.4
Miscellaneous products	4.2	2.9	1.6	4.5	11.2	11.0	4.1	6.9	12.2	13.2	23.4

– Represents zero. [1] Change from 1969. [2] Change from May 1979–May 1980.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 799. Producer Price Indexes, by Stage of Processing: 1960 to 1980

[1967 = 100. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series E 73–86]

STAGE OF PROCESSING AND COMMODITY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–May avg.
Crude materials for further processing	**97.0**	**99.3**	**112.3**	**127.6**	**173.9**	**196.1**	**197**	**205**	**214**	**240**	**282**	**301**
Foodstuffs and feedstuffs	95.1	97.1	112.0	127.5	179.9	189.4	192	190	191	215	247	244
Nonfoods, exc. fuel	101.4	104.5	109.8	121.9	161.5	205.4	188	210	217	235	285	335
For manufacturing	101.8	105.3	109.6	122.1	165.4	212.8	192	216	222	241	293	348
For construction	97.0	97.5	113.9	121.6	124.9	135.1	151	161	171	186	207	230
Fuel	92.8	93.5	122.6	148.7	164.5	219.4	272	315	400	464	568	666
Manufacturing industries	92.9	93.6	116.9	139.3	153.2	197.4	252	309	412	482	608	727
Nonmanufacturing industries	92.5	93.3	130.2	161.1	179.4	248.4	297	327	401	460	548	630
Intermediate materials, supplies, components	**95.6**	**96.8**	**109.9**	**118.7**	**131.6**	**162.9**	**180**	**189**	**202**	**216**	**243**	**272**
Materials and components for manufacturing	96.5	97.4	110.0	117.0	127.7	162.2	179	186	196	208	234	259
Materials for—												
Food manufacturing	91.1	97.6	112.9	119.9	146.0	209.2	209	181	182	202	224	241
Nondurable manufacturing	102.1	100.0	103.8	109.4	121.2	155.2	175	181	189	196	220	248
Durable manufacturing	94.3	96.8	114.7	123.8	133.7	171.7	188	202	219	237	271	300
Components for manufacturing	93.1	93.8	111.1	117.6	121.4	139.9	158	166	176	189	207	225
Materials and components for construction	95.9	96.2	112.6	126.2	136.7	161.6	176	188	203	224	247	263
Processed fuels, lubricants	98.2	97.4	105.0	118.9	131.5	199.1	233	251	284	296	361	473
Containers	95.5	95.8	111.4	121.9	129.2	152.2	171	181	193	213	235	256
Supplies	90.7	95.2	108.0	115.6	140.6	154.5	168	179	188	197	218	238
For manufacturing industries	96.2	95.9	110.0	115.1	121.1	141.7	158	166	174	184	204	224
For nonmanufacturing industries	88.5	95.0	107.2	115.9	150.7	161.1	173	186	195	204	225	246
Finished goods	**93.7**	**95.7**	**110.3**	**117.2**	**127.9**	**147.5**	**163**	**170**	**181**	**195**	**216**	**237**
Consumer goods	94.5	96.1	109.9	116.6	129.2	149.3	164	169	179	193	216	239
Foods	92.1	95.4	113.5	121.7	146.4	166.9	181	180	189	207	226	231
Crude foods	100.6	98.6	116.3	121.2	160.2	180.8	181	195	202	216	231	225
Processed foods	90.7	94.9	113.1	121.7	143.9	164.6	181	177	186	204	224	229
Other nondurable goods	94.7	95.9	108.3	113.6	120.5	146.8	163	173	185	195	226	269
Durable goods	99.2	97.9	106.9	113.2	115.8	126.3	138	144	152	166	182	200
Capital equipment	91.7	94.4	112.0	119.5	123.5	141.0	163	173	185	199	217	233

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 800. Producer Price Indexes, by Commodities: 1965 to 1980

[1967 = 100, except as noted. See text, p. 475, and *Historical Statistics, Colonial Times to 1970*, series E 23–29]

COMMODITY GROUP	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980 Jan.–May, avg.
All commodities [1]	96.6	110.4	119.1	134.7	160.1	175	183	194	209	236	260
Farm products and processed foods and feeds	97.1	111.7	122.4	159.1	177.4	184	183	189	207	230	233
Farm products [1]	98.7	111.0	125.0	176.3	187.7	187	191	193	213	241	236
Fresh and dried fruits, vegetables	100.2	111.6	127.6	168.1	192.3	184	178	192	217	229	225
Grains	97.2	98.8	102.9	183.6	257.9	224	206	165	183	215	217
Livestock	99.4	116.7	142.5	190.4	170.6	188	173	173	220	260	244
Live poultry	105.5	99.5	104.0	179.5	157.4	190	167	175	200	194	181
Plant and animal fibers	126.4	90.2	117.5	197.8	193.9	153	234	202	193	210	261
Fluid milk	84.9	115.3	122.2	145.0	172.8	180	201	203	220	250	264
Eggs	110.9	126.8	103.7	165.7	160.6	160	179	162	159	177	160
Hay, hayseeds, and oilseeds	97.8	99.4	118.1	220.1	228.6	200	210	234	216	244	214
Processed foods and feeds	95.5	112.1	120.8	148.1	170.9	183	178	186	203	223	231
Cereal and bakery products	93.1	107.7	114.7	134.4	171.2	178	172	173	190	210	230
Meats, poultry, and fish	96.2	115.8	130.0	167.5	163.5	191	182	182	217	242	234
Dairy products	89.0	111.2	118.6	131.1	146.4	156	169	173	188	211	224
Processed fruits and vegetables	95.2	110.6	119.7	129.6	154.6	170	170	187	203	222	224
Sugar and confectionery	96.5	115.8	121.6	132.3	258.9	254	191	177	198	215	278
Beverages and beverage materials	99.2	113.0	118.0	121.7	140.7	162	174	201	200	211	227
Animal fats and oils	136.0	140.4	127.4	230.4	327.7	342	210	267	291	321	273
Crude vegetable oils	112.5	121.0	107.5	174.6	291.1	208	163	198	219	244	193
Refined vegetable oils	105.1	119.2	114.5	154.5	265.8	213	188	199	229	232	166
Vegetable oil end products	99.2	111.9	121.2	143.6	224.8	212	174	198	209	224	230
Miscellaneous processed foods	100.9	113.1	114.8	123.3	158.6	178	175	190	199	217	224
Manufactured animal feeds	94.9	103.7	116.0	198.7	184.1	172	194	205	197	219	214
Industrial commodities	96.4	110.0	117.9	125.9	153.8	172	182	195	209	237	267
Textile products and apparel	99.8	107.1	113.6	123.8	139.1	138	148	154	160	169	179
Synthetic fibers [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102	107	110	119	130
Processed yarns, threads [2]							100	101	102	109	119
Gray fabrics [2]							106	105	119	127	134
Finished fabrics [2]							101	104	104	107	113
Apparel	97.1	110.8	114.8	119.0	129.5	133	140	147	152	160	168
Textile housefurnishings	97.3	103.5	109.2	113.3	143.1	152	159	171	179	190	201
Hides, skins, leather, related products [1]	94.3	110.3	131.3	143.1	145.1	149	168	179	200	252	248
Hides and skins	118.0	104.2	213.7	253.9	195.9	175	258	287	361	535	368
Leather	98.0	107.7	140.3	160.1	154.3	152	188	201	239	357	317
Footwear	90.7	113.3	124.5	130.5	140.0	148	159	169	183	218	231
Fuels, related products, power	95.5	106.2	118.6	134.3	208.3	245	266	302	323	408	547
Coal	93.4	150.3	193.8	218.1	332.4	386	369	389	430	451	461
Coke (foundry byproduct)	95.8	127.4	155.5	166.6	247.7	331	347	379	412	429	431
Gas fuels	92.8	103.6	114.1	126.7	162.2	217	287	388	429	544	719
Electric power	100.1	105.9	121.5	129.3	163.1	193	208	233	251	270	305
Crude petroleum, domestic	98.2	106.1	113.8	126.0	211.8	246	257	274	300	377	525
Petroleum products, refined	93.8	101.0	108.9	128.7	223.4	256	277	308	321	445	644
Chemicals and allied products [1]	99.0	102.2	104.2	110.0	146.8	181	187	193	199	222	253
Industrial chemicals	97.5	100.9	101.2	103.4	151.7	207	219	224	226	264	312
Prepared paint	96.4	112.4	118.0	122.2	145.7	167	174	182	192	204	228
Paint materials	98.8	101.4	104.1	113.2	152.3	177	190	206	213	241	267
Drugs and pharmaceuticals	100.4	101.2	103.0	104.3	112.7	127	134	141	148	159	170
Fats and oils, inedible	138.6	132.8	115.8	228.3	338.2	255	250	279	316	377	304
Agricultural chemicals and products	98.3	88.5	91.7	96.6	137.7	204	188	188	198	214	252
Plastic resins and materials	99.3	90.6	88.7	92.1	143.8	181	194	198	200	236	278
Rubber and plastic products	95.9	108.3	109.3	112.4	136.2	150	159	168	175	194	212
Crude rubber	105.6	101.6	99.2	111.9	139.4	146	161	172	187	221	260
Tires and tubes	93.8	109.0	109.2	111.4	133.4	149	162	170	179	206	230
Miscellaneous rubber products	94.5	113.3	121.1	124.8	140.8	156	164	177	190	206	223
Plastic construction products [3]	(NA)	97.2	93.4	94.1	118.9	124	127	133	136	148	151
Laminated plastic sheets, high pressure [4]	(NA)	(NA)	98.1	97.8	116.3	125	131	141	146	159	171
Lumber and wood products	95.9	113.6	144.3	177.2	183.6	177	206	236	276	300	286
Lumber	94.0	113.7	159.4	205.2	207.1	193	233	277	322	354	326
Millwork	96.0	116.0	128.4	144.2	157.1	160	177	194	235	254	257
Plywood	103.5	106.4	130.7	155.2	161.1	161	187	212	236	251	234
Other wood products	(NA)	117.3	124.6	149.7	166.6	162	166	184	212	235	242
Pulp, paper, and allied products	96.2	108.2	113.4	122.1	151.7	170	179	186	196	219	243
Pulp, paper, and products, exc. building paper and board	96.2	108.5	113.7	122.5	152.8	172	181	187	196	220	244
Woodpulp	100.1	109.6	111.5	128.3	217.8	283	286	281	267	314	370
Wastepaper	127.3	125.0	133.6	197.4	265.5	110	185	187	191	207	228
Paper	94.6	111.0	116.3	121.4	148.6	173	182	194	206	230	251
Paperboard	101.5	101.1	105.5	115.1	152.2	170	176	176	180	202	228
Converted paper and paperboard products	94.7	107.9	113.6	121.6	144.9	161	170	177	187	210	232
Building paper and board	100.9	101.0	106.4	112.8	123.5	127	139	157	187	182	197

See footnotes at end of table.

No. 800. Producer Price Indexes, by Commodities: 1965 to 1980—Continued

[1967=100, except as noted. See headnote, p. 481]

COMMODITY GROUP	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–May, avg.
Metals and metal products	**96.4**	**116.6**	**123.5**	**132.8**	**171.9**	**186**	**196**	**209**	**227**	**259**	**285**
Iron and steel	97.9	115.1	128.4	136.2	178.6	201	216	230	254	284	302
Steel mill products	97.5	114.2	130.4	134.1	170.0	197	210	230	255	280	299
Nonferrous metals	95.3	124.7	116.9	135.1	187.1	172	182	195	208	262	315
Metal containers	96.2	112.6	128.9	134.7	164.7	192	202	218	243	269	292
Hardware	93.1	111.5	120.2	124.7	140.7	163	173	185	200	219	233
Plumbing fixtures, brass fittings	93.3	111.2	119.7	125.8	149.1	162	174	187	199	217	241
Heating equipment	98.9	110.6	118.2	120.4	135.0	151	158	166	174	187	202
Fabricated structural metal products	96.1	112.0	122.4	127.4	161.2	189	194	207	226	249	264
Miscellaneous metal products	96.0	114.3	124.2	129.5	157.3	181	187	196	212	231	245
Machinery and equipment	**93.9**	**111.4**	**117.9**	**121.7**	**139.4**	**161**	**171**	**182**	**196**	**214**	**232**
Agricultural	94.0	113.2	122.3	125.9	143.8	169	183	198	213	232	251
Construction	93.6	115.9	125.7	130.7	152.3	185	199	214	233	256	280
Metalworking	91.8	114.1	120.2	125.5	146.9	172	187	199	217	241	265
General purpose	92.5	113.7	122.4	127.0	151.2	179	190	202	217	236	256
Special industry	92.5	115.7	123.7	130.1	151.0	175	188	203	223	247	267
Electrical	95.1	106.4	110.4	112.4	125.0	141	147	154	165	179	196
Miscellaneous	96.2	112.8	120.2	124.0	139.5	162	172	181	195	209	224
Furniture and household durables[1]	**96.9**	**107.5**	**111.4**	**115.2**	**127.9**	**140**	**146**	**152**	**160**	**171**	**184**
Household furniture	94.1	111.7	117.3	123.0	136.6	146	154	162	174	186	198
Commercial furniture	93.3	114.5	120.2	129.4	152.4	167	174	186	202	222	231
Floor coverings	104.5	99.4	98.6	102.2	115.4	125	131	136	142	148	161
Household appliances	98.9	105.3	107.6	108.5	117.9	132	139	145	153	161	169
Home electronic equipment	103.1	93.3	92.7	91.9	93.1	94	91	88	90	91	89
Nonmetallic mineral products[1]	**97.5**	**112.9**	**126.1**	**130.2**	**153.2**	**174**	**186**	**201**	**223**	**249**	**277**
Flat glass	96.2	115.6	122.4	121.4	128.8	139	150	161	173	184	191
Concrete ingredients	97.5	112.6	126.9	131.2	148.7	172	187	199	218	244	268
Concrete products	96.3	112.2	125.6	131.7	151.7	171	180	192	214	244	270
Structural clay products	96.6	109.9	117.3	123.3	135.2	151	164	180	197	218	231
Refractories	98.1	120.9	129.0	136.3	143.5	166	184	200	217	237	257
Asphalt roofing	98.7	102.7	131.2	135.5	196.0	226	238	253	292	325	384
Gypsum products	101.2	99.7	114.7	120.9	137.6	144	154	184	229	252	261
Glass containers	97.0	120.4	135.1	138.9	155.5	180	195	214	244	261	283
Transportation equipment[1,5]	(NA)	**104.6**	**113.7**	**115.1**	**125.5**	**142**	**151**	**161**	**174**	**188**	**200**
Motor vehicles and equipment	98.5	108.7	118.0	119.2	129.2	145	154	164	176	191	202
Motor vehicles	99.6	107.3	116.0	116.7	125.5	138	146	156	168	182	192
Railroad equipment	97.4	115.1	128.7	134.7	163.8	201	217	234	253	277	301
Miscellaneous products[1]	**95.9**	**109.6**	**114.6**	**119.7**	**133.1**	**148**	**154**	**164**	**184**	**209**	**253**
Toys, sporting goods, small arms, etc	97.1	109.3	114.4	117.9	132.3	146	150	155	163	176	194
Tobacco products	94.1	113.6	117.5	121.9	132.8	150	163	180	199	218	239
Notions	97.8	108.4	112.1	114.3	137.4	151	162	172	182	192	210
Photographic equipment and supplies	98.2	104.9	106.7	108.4	116.8	131	136	140	146	154	203

NA Not available. [1] Includes other product groups, not shown separately. [2] Dec. 1975=100. [3] Dec. 1969=100. [4] Dec. 1970=100. [5] Dec. 1968=100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 801. Indexes of Spot Primary Market Prices: 1965 to 1980

[1967=100. Index computed daily in 1965; weekly, beginning 1970. Represents unweighted geometric average of price quotations of 22 commodities, traded on organized exchanges. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1965 (6-15)	1970 (6-16)	1972 (6-13)	1973 (6-12)	1974 (6-11)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)
All commodities (22)	**106.2**	**113.6**	**119.5**	**171.3**	**221.5**	**189.9**	**210.9**	**206.7**	**230.0**	**281.3**	**265.1**
Food stuffs (9)	94.4	112.2	113.3	172.7	211.5	215.3	213.7	210.6	238.1	265.1	260.9
Raw industrials (13)	115.1	114.4	124.0	170.2	228.5	174.1	208.9	204.0	224.4	293.0	268.0
Livestock and products (5)	121.4	123.6	143.9	222.6	190.1	240.8	224.4	234.6	278.0	336.3	250.5
Metals (5)	114.2	125.2	114.9	145.6	261.4	166.8	215.4	203.0	220.6	332.8	257.9
Textiles and fibers (4)	110.3	99.9	122.7	159.1	183.9	158.8	181.4	170.1	173.6	192.2	234.7
Fats and oils (4)	114.8	128.6	114.9	187.9	224.3	213.6	208.3	235.7	253.5	289.4	229.5

Source: U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly.

NO. 802. PRODUCER PRICES OF SELECTED COMMODITIES: 1970 TO 1980

[In dollars per unit. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series E 123-134, for selected items]

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980, Jan.-May, avg.
Farm products:									
Wheat, hard winter, No. 1, K.C. (bu)	1.48	3.58	4.68	3.81	3.34	2.53	3.17	3.98	4.14
Steers, choice (100 lb)	30.04	44.90	42.24	44.36	39.27	40.28	52.26	67.69	66.13
Cotton, raw (lb)	.25	.56	.58	.45	.68	.61	.58	[1].63	.79
Wool, combing and staple (lb)	1.03	2.50	1.78	1.49	[1]1.82	1.83	1.90	2.16	(NA)
Eggs, large (doz)	.43	.65	.63	.62	.70	.63	.62	.69	.63
Corn, No. 2 yellow, Chicago (bu)	1.37	2.24	3.22	2.90	2.70	2.21	2.56	2.91	2.90
Sugar, raw cane (100 lb)	8.09	10.24	29.04	23.00	13.49	10.69	13.84	15.27	24.51
Processed foods:									
Flour, Kansas City (100 lb)	5.57	8.52	11.06	9.37	[2]8.31	6.23	7.48	9.27	9.92
Sugar, granulated (excl. excise tax) (5 lb)	(NA)	.73	1.67	1.67	1.03	.92	1.09	1.17	1.76
Coffee, tin (lb)	.95	1.07	1.21	1.30	2.01	3.52	2.89	2.78	3.01
Lard, 1 and 2 lb. prints (lb)	.17	.25	.35	.36	.24	.24	.34	.40	.37
Beef, choice (100 lb)	48.93	[1]69.18	68.55	74.93	63.96	65.03	83.12	103.01	104.45
Lamb, choice (100 lb)	(NA)	73.13	82.56	84.45	102.15	107.29	126.05	133.53	133.13
Shrimp, fresh processed (lb)	(NA)	2.32	2.27	2.69	3.63	3.40	3.61	[2]5.16	4.97
Salmon, No. 1, tall can (case/48)	(NA)	52.00	(NA)	69.92	69.00	68.50	65.17	67.59	76.04
Haddock, unprocessed (100 lb)	(NA)	59.09	50.58	54.46	58.79	68.79	57.33	64.68	69.98
Textile products:									
Polyester/cotton yarns, 18's (lb)	(NA)	(NA)	(NA)	(NA)	1.40	1.40	1.39	1.41	1.71
Polyester twill, textured (yd)	(NA)	(NA)	(NA)	(NA)	1.78	1.42	1.46	1.39	1.33
Hides, leather, and shoes:									
Cattlehides, packer, heavy native[3] (lb)	.13	.34	.24	.23	.34	.37	.47	.73	.44
Lamb garment leather (sq. ft)	.39	.73	.72	.72	[2].76	.92	1.05	[2]1.40	1.32
Oxfords, Goodyear leather upper, sole (pair)	13.49	15.60	16.12	16.84	17.93	19.00	20.77	25.85	27.92
Fuels, related products, power:									
Elec. Power, E. No. Cen (200,000 kWh)	(NA)	3,137	4,361	5,281	5,675	6,276	6,989	7,661	8,504
Gasoline, unleaded[4] (gal)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.47	.64	.93
Gasoline, regular[4] (gal)	(NA)	(NA)	(NA)	.35	.39	.42	.44	.60	.89
Gasoline, premium[4] (gal)	(NA)	(NA)	(NA)	(NA)	.42	.45	.48	.65	.94
Distillate fuel oil, No. 2, to resellers (gal)	(NA)	(NA)	(NA)	.29	.31	.36	.37	.53	.75
Chemicals and allied products:									
Aspirin (lb)	.58	.63	.82	1.00	1.08	1.14	1.20	1.28	1.39
Paint, outside (gal)	[2]5.67	6.19	8.04	9.56	9.41	9.47	9.91	10.61	11.82
Paint, inside, latex (gal)	(NA)	5.40	5.93	6.57	6.82	7.19	7.61	7.88	8.75
Rubber and rubber products:									
Natural rubber, No. 1 ribbed[5] (lb)	.21	.35	.40	.30	.40	.42	.50	.64	.75
Synthetic rubber, neoprene, GN type (lb)	.43	.43	.52	.64	.69	.70	.77	.82	.94
Lumber and wood products:									
Softwood plywood, interior (1,000 sq. ft)	(NA)	112	126	139	145	163	192	201	179
Redwood boards, clear, f.g. dry (M. bd. ft)	(NA)	382	494	506	505	603	805	979	1,037
Maple, No. 1, common (M. bd. ft)	(NA)	220	234	230	230	274	308	351	354
Southern pine, finish, C and better (M. bd. ft)	(NA)	275	319	317	342	396	499	547	564
Pulp, paper, and allied products:									
Woodpulp, sulphate, bleached[6] (ton)	131	153	263	336	338	331	307	368	451
Book paper, No. 3 uncoated (100 lb)	21.57	23.21	23.59	24.25	25.28	26.68	29.58	33.63	36.89
Liner, 100 lb. test (1,000 sq. ft)	2.55	2.86	3.65	4.32	4.39	4.29	4.31	4.94	5.62
Toilet tissue (case)	9.07	9.57	12.20	15.62	[1]16.86	18.20	19.52	21.78	24.33
Metal and metal products:									
Iron ore, Mesabi (long ton)	10.78	11.84	13.90	17.83	19.38	20.95	21.55	22.43	24.61
Iron and steel scrap, No. 1 heavy melting[7] (long ton)	42.04	57.20	104.17	70.92	79.13	66.96	78.29	101.48	101.48
Steel rails, standard[8] (100 lb)	6.80	8.35	10.53	12.72	14.17	15.17	16.90	18.80	20.98
Domestic copper, cathode (lb)	(NA)	.59	.77	.64	.69	.66	(NA)	.91	1.01
Red brass ingot (lb)	.56	.66	.84	.65	.70	.70	.73	.93	1.12
Aluminum sheet (lb)	(NA)	.70	.86	1.00	1.07	1.17	1.40	1.71	1.75
Nails, wire, 8d, common (50 lb)	(NA)	6.21	9.15	10.67	10.74	11.52	12.06	13.16	14.40
Nonmetallic mineral products:									
Brick, building (1,000)	(NA)	45.57	49.94	56.09	62.76	72.32	82.68	92.80	97.81
Glass, window, single B (50 sq. ft)	6.60	7.78	9.04	8.93	9.02	9.76	10.84	(NA)	(NA)
Shingles, asphalt roofing, strip (square)	(NA)	8.30	11.56	13.24	14.04	14.95	17.52	[2]19.20	21.96
Miscellaneous:									
Cigarettes, filter tip, king size[9] (1,000)	5.86	6.26	6.86	7.75	8.45	9.42	10.43	11.44	12.57
Soybean meal (ton)	79.08	234.00	142.42	123.65	161.54	190.58	172.54	188.61	(NA)

NA Not available. [1]10-month average. [2]11-month average. [3]Steer. [4]Dealer tankwagon. [5]Smoked sheets. [6]Softwood. [7]Consumers' buying price, including brokerage, delivered, Pittsburgh district. [8]Standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. [9]Excludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

NO. 803. AVERAGE PRICES (UNIT VALUES)—SELECTED COMMODITIES EXPORTED AND IMPORTED: 1970 TO 1979

[**In dollars per unit.** Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports by annual quantities. Values of goods exported represent those at port of export. Values of goods imported, 1970 and 1973, represent market values in country from which imported; thereafter, transaction values f.a.s. (free alongside ship) at port of export. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979
EXPORTS								
Wheat (bu.)	1.58	2.94	4.80	4.54	3.98	3.09	3.46	4.29
Milled rice, less than 75% broken kernels (lb.)	.079	.161	.224	.189	.127	.140	.181	.180
Corn (bu.)	1.45	2.16	3.20	3.36	2.98	2.58	2.64	2.99
Grain sorghums (bu.)	1.32	2.12	3.07	3.05	2.82	2.51	2.60	2.87
Wheat flour (100 lb.)	3.85	6.52	10.91	10.34	9.97	8.24	8.83	11.01
Leaf tobacco, flue-cured, unstemmed (lb.)	.921	1.07	1.23	1.46	1.59	1.69	1.97	2.06
Cigarettes (1,000)	5.45	6.02	6.41	7.38	8.30	9.20	10.08	11.40
Soybeans (bu.)	2.80	5.69	6.91	6.24	5.89	7.38	8.08	7.43
Synthetic rubber, "s" type [1] (lb.)	.177	.190	.274	.283	.307	.364	.377	.418
Woodpulp, special alpha and dissolving grades (sh. ton)	187.40	210.65	329.47	296.97	395.42	397.74	402.44	448.78
Cotton, upland, staple 1" to 1⅛" (lb.)	.259	.352	.533	.542	.648	.704	.298	.670
Cotton, upland, staple, 1⅛" and over (lb.)	.308	.392	.579	.601	.685	.757	.321	.754
Bituminous coal (sh. ton)	13.40	18.96	40.39	49.23	48.59	48.64	50.32	51.37
Steel scrap, No. 1, heavy melting (sh. ton)	43.37	54.96	102.46	84.53	72.85	61.19	74.50	100.05
Tallow, inedible (lb.)	.087	.133	.199	.162	.169	.187	.202	.245
Soybean oil, crude (lb.)	.122	.142	.289	.332	.207	.253	.268	.291
Carbon steel sheets, cold rolled (lb.)	.077	.097	.139	.175	.138	.121	.160	.170
Polyethylene resin (lb.)	.134	.165	.342	.257	.269	.271	.262	.368
Styrene, polymer, and copolymer resins (lb.)	.193	.234	.401	.343	.339	.372	.452	.501
Container board liners (lb.)	.062	.075	.116	.126	.120	.111	.112	.132
Nylon yarn, incl. monofilaments (lb.)	.953	.933	1.14	1.15	1.17	1.18	1.33	1.43
Carbon black, furnace (lb.)	.090	.093	.139	.167	.218	.264	.294	.306
Copper, refined, crude forms (lb.)	.671	.671	.900	.654	.701	.685	.637	.790
Aluminum metal and alloys (lb.)	.263	.266	.375	.361	.389	.483	.531	.659
IMPORTS								
Canned beef (lb.)	.425	.772	1.07	.724	.744	.754	.768	1.11
Cashew nuts (lb.)	.599	.697	.930	.846	.898	1.37	1.34	1.46
Raw sugar (lb.)	.070	.088	.195	.245	.126	.092	.086	.101
Coffee (Brazil) (lb.)	.474	.596	.655	.679	1.21	1.92	1.81	1.55
Coffee (Colombia) (lb.)	.535	.666	.684	.683	1.07	2.00	1.83	1.53
Cocoa (cacao beans, Africa) (lb.)	.352	.364	.562	.670	.617	.975	1.37	1.57
Tea (Sri Lanka) (lb.)	.398	.433	.504	.582	.534	1.06	.871	.841
Whisky, containers of 1 gal. or less (U.K.) (proof gal.)	7.48	7.07	7.94	8.22	8.37	8.31	10.18	11.17
Whisky, containers of 1 gal. or less (Canada) (proof gal.)	6.70	6.85	7.13	7.60	7.45	8.14	8.68	8.71
Cigarette leaf, unstemmed (lb.)	.568	.569	.796	1.03	1.31	1.20	1.19	1.24
Goat and kid skins, dry (lb.)	1.06	1.44	1.23	1.26	2.04	1.22	2.56	2.83
Crude rubber, except milk (lb.)	.189	.239	.331	.238	.321	.360	.403	.529
Sawed lumber, fir (mil. bd. ft.)	71.13	144.92	138.19	137.64	170.17	194.93	218.29	253.50
Sawed lumber, spruce (mil. bd. ft.)	73.98	149.01	140.99	132.55	160.11	178.27	206.27	222.58
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades (sh. ton)	142.90	171.78	290.77	323.72	311.92	304.01	296.12	363.72
Woodpulp, sulphate, bleached (sh. ton)	143.68	170.03	286.17	353.41	350.47	332.81	287.60	346.41
Carpet wool, scoured [2] (lb.)	.424	.968	.957	.825	.835	.994	1.49	(NA)
Apparel wool, 60's and finer [2] (lb.)	.879	1.92	2.40	1.59	1.51	1.56	1.68	1.80
Iron ore (Canada) (ton)	12.42	14.42	17.51	22.15	25.12	27.46	28.89	30.18
Iron ore (Venezuela) (ton)	8.33	9.75	12.30	15.64	16.87	19.27	17.65	19.21
Manganese ore, metallurgical grade [3] (lb.)	.020	.027	.038	.050	.057	.062	.059	.055
Bauxite, crude (ton)	10.91	11.33	11.79	20.67	24.16	25.73	27.74	26.78
Copper ores and concentrates [3] (lb.)	.617	.632	.718	.566	.646	.586	.581	.800
Crude petroleum [4] (Venezuela) (bbl.)	2.30	3.41	11.11	11.66	12.35	13.04	12.81	17.18
Newsprint (sh. ton)	140.11	159.88	203.18	244.10	265.23	285.37	280.80	321.50
Jute burlap (lb.)	.230	.278	.304	.294	.241	.246	.288	.350
Concrete reinforcement bars (lb.)	.051	.077	.136	.092	.076	.080	.093	.140
Steel tubes and pipes, at least .065" thick, ¾" diameter (lb.)	.075	.094	.168	.208	.134	.140	.138	.204
Copper, refined (Chile) [3] (lb.)	.630	.704	.880	.531	.583	.578	.576	.648
Nickel in pigs, ingots, shot, etc. (lb.)	1.30	1.44	1.61	1.88	2.07	2.15	1.93	2.34
Tin bars, blocks, pigs, etc. (Malaysia) (lb.)	1.66	1.92	3.54	3.35	3.31	4.37	5.52	6.65

NA Not available. [1] Excludes latex (liquid). [2] Clean content. [3] Metal content. [4] Testing 25° API or more.

Source: U.S. Dept. of Commerce, International Trade Administration, unpublished data.

No. 804. Import Price Indexes—Selected Commodities: 1970 to 1980

[As of **June, except as indicated.** Products classified and weighted by 1975 Tariff Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. Prices are f.o.b. (free on board) foreign port or c.i.f. (cost, insurance, and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Food	Sept. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	97.5	107.2	133.4
Lumber, conifer (c.i.f.)	1969=100	89.9	129.5	177.9	161.7	154.2	173.6	193.6	231.0	249.8	212.0
Intermediate mfg. goods	Dec. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	108.3	127.9	151.9
Newsprint paper (c.i.f.)	1967=100	107.2	116.9	123.0	149.3	184.3	199.8	214.2	225.7	244.9	285.0
Textile fabrics	Dec. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.5	121.2	143.7
Iron and steel (c.i.f.)	March 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	101.2	118.6	138.5	148.2
Manufacture of metal	March 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	99.0	109.8	120.0	127.9
Rubber tires and tubes (c.i.f.)	1970=100	100.0	121.2	125.1	145.5	154.0	159.8	171.4	183.9	207.0	243.5
Plywood[1] (c.i.f.)	1973=100	(NA)	(NA)	100.0	101.4	85.5	102.5	112.5	116.3	175.8	179.4
Machine tools for metal (f.o.b.)	1970=100	100.0	118.7	137.6	156.6	206.0	200.8	212.8	241.3	284.1	320.3
Sewing machines (f.o.b.)	1974=100	(NA)	(NA)	(NA)	100.0	112.5	113.7	119.4	135.6	150.2	151.3
Powered tools (f.o.b.)	1974=100	(NA)	(NA)	(NA)	100.0	129.9	119.4	127.7	135.8	149.7	166.3
Electric apparatus[2] (f.o.b.)	1969=100	81.9	86.0	101.4	113.2	116.6	106.6	110.5	129.7	149.3	157.1
Radio broadcast receivers (f.o.b.)	1970=100	100.0	100.7	109.1	113.7	111.1	109.6	111.5	116.3	123.8	123.2
Telecommunication equip.	1971=100	(NA)	108.3	113.2	126.6	124.1	127.7	131.8	139.9	151.5	157.4
Bicycles and parts[3] (f.o.b.)	1973=100	(NA)	(NA)	100.0	107.8	122.5	120.4	128.5	139.5	151.4	169.7
Apparel and clothing	1977=100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	103.0	114.3	117.8
Footwear (c.i.f.)	1972=100	(NA)	100.0	115.5	145.6	159.0	171.0	180.3	200.2	243.3	260.9
Phono. tape recorders (f.o.b.)	1971=100	(NA)	105.6	117.1	114.6	108.7	107.5	110.1	123.9	130.2	122.3
Toys, indoor games (f.o.b.)	1972=100	(NA)	100.0	110.0	117.0	120.5	123.0	130.6	143.4	153.1	166.5

NA Not available. [1]Includes veneered panels. [2]For making or breaking or for protecting electric circuits. [3]Excludes motorized cycles.

No. 805. Export Price Indexes—Selected Commodities: 1970 to 1980

[**June 1967=100,** except as indicated. As of **June.** Indexes are weighted by 1975 export values according to Schedule B classification system of U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are f.o.b. (free on board) factory transaction prices, except as noted]

COMMODITY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Raw cotton (1973=100)	(NA)	(NA)	(NA)	100.0	122.7	91.3	131.8	131.5	118.3	131.0	147.2
Organic coal tar, cyclic chemical intermediates (1974=100)	(NA)	(NA)	(NA)	(NA)	100.0	86.4	87.4	93.4	90.1	119.7	140.2
Tools, machine and hand	108.5	112.1	117.8	123.5	159.0	178.2	186.3	217.6	234.5	269.7	302.1
Locksmiths' wares	111.7	116.9	123.3	126.5	137.4	138.9	142.9	150.4	169.3	180.5	205.1
Machinery and transportation equipment[1] (1975=100)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.8	113.2	122.2	132.4	147.3
Engines, internal combustion[2]	106.3	112.0	115.3	118.6	135.2	159.8	173.1	181.2	195.4	214.2	237.5
Tractors[3]	112.9	119.9	129.9	136.8	156.6	187.5	201.0	218.1	243.3	265.5	306.7
Agricultural machinery[4] (1971=100)	(NA)	100.0	102.5	108.2	124.9	158.2	170.5	181.1	193.6	216.6	264.4
Office machines[5] (1969=100)	95.5	97.7	96.1	96.1	91.9	94.1	94.6	97.5	97.6	97.1	99.4
Machine tools	114.8	119.4	124.8	130.8	154.5	179.2	190.1	201.7	227.3	253.3	289.3
Textile machinery	109.7	119.9	125.9	138.6	149.3	159.6	174.6	187.3	203.2	212.1	245.4
Printing and bookbinding machinery and parts	110.8	113.0	115.3	116.6	122.8	131.8	145.5	163.1	176.7	194.9	221.6
Excavating, leveling, etc., machinery	122.4	125.5	130.9	134.7	151.7	183.3	197.7	218.7	239.5	264.9	297.8
Mineral crushing machinery	123.2	128.7	135.5	143.1	168.3	211.8	222.2	237.9	247.5	277.3	307.5
Heating and cooling equipment	110.4	114.9	118.5	120.7	131.4	154.3	160.7	169.7	179.8	191.6	206.5
Pumps and centrifuges	114.3	115.0	117.8	122.7	151.0	177.7	195.5	210.2	218.8	235.3	260.8
Forklift trucks (1970=100)	100.0	103.2	108.5	111.9	137.0	161.5	174.0	184.0	198.3	219.8	243.5
Powered tools[6]	108.8	112.1	114.4	120.0	138.0	158.9	173.9	192.0	208.0	227.8	249.0
Nonelectrical machines	111.8	111.8	113.4	119.8	133.6	148.4	162.1	172.3	187.9	205.4	229.1
Machinery and mechanical devices	106.7	108.5	112.6	115.1	132.4	150.6	159.2	166.1	179.0	194.9	220.1
Elec. power mach., excl. turbines	108.1	113.2	116.1	121.6	134.4	155.5	162.5	174.8	183.1	197.3	230.2
Electrical apparatus[7]	103.6	110.7	113.9	116.7	126.1	131.8	140.7	150.5	163.7	170.2	204.6
Telecommunications equipment	109.5	113.3	117.0	123.5	133.9	154.5	160.2	163.7	170.8	187.8	200.5
Electric household appliances	105.6	110.6	110.2	109.7	120.0	138.8	142.9	149.7	157.1	165.0	185.4
Lorries and trucks	110.2	119.1	118.6	122.5	140.9	166.5	183.2	193.0	221.8	241.0	265.4
Motor vehicle parts, new[8]	102.4	115.0	118.2	118.7	128.3	155.9	163.1	168.2	189.0	212.0	245.3
Aircraft, new[9] (f.a.f.) (1973=100)	(NA)	(NA)	(NA)	100.0	106.4	116.2	126.6	137.5	147.6	156.2	291.9
Aircraft parts[10]	120.4	130.7	145.1	151.5	162.2	189.6	203.8	223.4	238.8	266.5	165.9
Phonographs, tape recorders, etc	110.7	113.7	114.5	114.5	126.6	133.2	136.3	142.7	167.6	189.1	(NA)

NA Not available. [1]Excludes military and commercial aircraft. [2]Excludes aircraft engines. [3]Excludes road tractors for tractor-trailer combinations. [4]Includes appliances for preparing and cultivating the soil. [5]Includes input, output, and storage devices for electronic computers and parts. [6]Includes tools for working metals, wood, plastics, and hand carving materials. [7]For making or breaking or for protecting electric circuits. [8]Nonmilitary, excludes parts for assembly; prices are f.a.s. (free alongside ship). Excludes motorcycle parts. [9]Excludes military, cargo, and passenger transport. Prices are f.a.f. (fly away factory). [10]Excludes rubber tires, engines, and electrical parts.

Source of tables 804 and 805: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 806. Consumer Price Indexes, by Major Groups: 1950 to 1980

[1967 = 100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. 1965–1977 indexes reflect buying patterns of urban wage earners and clerical workers in the 1960's, including single workers living alone as well as families of two or more persons; indexes for prior years apply only to families of two or more persons; beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 476. See also *Historical Statistics, Colonial Times to 1970*, series E 135–173]

YEAR	All items	Food	Rent, residential	Home ownership	Home purchase	Fuel oil and coal [1]	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
									Private	Public			
1950	72.1	74.5	70.4	(NA)	(NA)	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951	77.8	82.8	73.2	(NA)	(NA)	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952	79.5	84.3	76.2	(NA)	(NA)	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	80.3	75.0	86.5	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	83.2	76.3	87.1	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	84.3	77.0	87.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	85.9	78.3	87.6	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	87.5	81.7	90.0	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958	86.6	88.5	89.1	83.5	91.3	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	90.4	84.4	91.3	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	91.7	86.3	91.8	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	92.9	86.9	92.3	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	94.0	87.9	93.2	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	95.0	89.0	94.2	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	95.9	90.8	95.7	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	96.9	92.7	97.0	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	98.2	96.3	98.6	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	102.4	105.7	102.8	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	105.7	116.0	109.5	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	110.1	128.5	118.3	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	115.2	133.7	124.8	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	119.2	140.1	130.0	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	124.3	146.7	132.7	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	130.6	163.2	142.7	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975	161.2	175.4	137.3	181.7	160.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	144.7	191.7	168.4	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	153.5	204.9	179.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978	195.4	211.4	164.0	227.2	196.7	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	176.0	262.4	223.1	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980, May	244.9	250.4	188.9	312.9	249.7	556.0	298.2	177.5	249.2	239.5	263.4	231.4	269.2

NA Not available. [1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, annual.

No. 807. Consumer Price Indexes—Annual Percent Change in Major Groups: 1970 to 1980

[See headnote, table 806. See also table 808 for base figures]

ALL ITEMS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 [1]
All items	**5.9**	**4.3**	**3.3**	**6.2**	**11.0**	**9.1**	**5.8**	**6.5**	**7.7**	**11.3**	**14.4**
Food	5.5	3.1	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	6.9
Rent, residential	4.2	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.7
Home ownership	10.8	4.1	4.8	4.7	11.3	11.3	5.5	6.9	10.9	15.5	22.8
Home purchase	8.0	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.8
Mortgage interest	10.1	−8.9	−2.4	4.9	13.8	1.4	−.8	−1.7	5.9	12.7	24.9
Fuel oil and coal	4.3	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	52.6
Gas and electricity	4.4	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	18.5
Apparel and upkeep	4.1	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	6.9
Private transportation	4.3	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	19.8
Automobiles, new	3.1	4.1	−.9	.1	5.8	8.6	6.3	5.3	7.6	7.9	7.9
Gasoline	.9	.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	51.6
Auto insurance rates	13.7	11.4	−.4	−1.8	.1	5.6	28.8	12.0	2.9	5.6	9.1
Public transportation	14.0	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	23.9
Intercity bus fare	7.0	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	17.4
Medical care	6.4	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	11.5
Entertainment	5.1	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.6
Personal care	3.6	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	9.1
All services	8.1	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	17.3
All commodities	4.7	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.4

[1] Change from May 1979–May 1980.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 808. Consumer Price Indexes for Selected Items and Groups: 1970 to 1980

[1967 = 100. Annual averages of monthly figures, except as indicated. See headnote, table 806]

COMMODITY	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
All items	116.3	125.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	244.9
Food and beverages	114.7	123.2	139.5	158.7	172.1	177.4	188.0	206.3	228.5	244.1
Food	114.9	123.5	141.4	161.7	175.4	180.8	192.2	211.4	234.5	250.4
Food at home	113.7	121.6	141.4	162.4	175.8	179.5	190.2	210.2	232.9	246.5
Cereals and bakery products	108.9	114.7	127.7	166.1	184.8	180.6	183.5	199.9	220.1	244.5
Meats, poultry, fish, eggs	117.3	126.4	160.4	163.7	176.4	178.9	177.5	204.3	234.2	231.5
Dairy products	111.8	117.1	127.9	151.9	156.6	169.3	173.9	185.6	207.1	226.2
Fruits and vegetables	113.4	125.0	142.5	165.8	171.0	175.4	191.6	212.9	230.0	246.6
Sugar and sweets	115.1	120.9	128.3	195.2	246.2	218.2	229.4	257.5	277.6	326.8
Fats and oils	105.8	116.6	126.4	179.4	198.6	173.7	191.4	209.6	226.3	239.5
Nonalcoholic beverages	117.4	121.3	130.2	155.6	178.9	214.0	322.4	340.8	357.8	393.0
Other prepared foods	109.4	114.7	119.0	144.3	163.0	169.4	175.4	189.4	208.5	229.1
Food away from home	119.9	131.1	141.4	159.4	174.3	186.1	200.3	218.4	242.9	264.6
Alcoholic beverages	112.3	119.6	122.5	131.8	142.1	146.8	150.9	159.8	172.4	185.4
Housing[1]	118.2	128.1	133.7	148.8	164.5	174.6	186.5	202.8	227.6	261.7
Shelter	123.6	134.5	140.7	154.4	169.7	179.0	191.1	210.4	239.7	280.2
Rent	110.1	119.2	124.3	130.6	137.3	144.7	153.5	164.0	176.0	188.9
Home purchase	118.3	130.0	132.7	142.7	160.3	168.4	179.5	196.7	223.1	249.7
Mortgage interest rates	132.1	117.5	123.2	140.2	142.1	140.9	138.5	146.7	165.4	202.4
Property taxes	121.0	145.7	152.3	151.2	158.8	167.6	182.3	192.1	182.6	187.6
Maintenance and repairs	124.0	140.7	151.0	171.6	187.6	199.6	214.7	233.0	256.4	284.9
Fuel and other utilities	107.6	120.1	126.9	150.2	167.8	182.7	202.2	216.0	239.3	275.9
Fuel oil, coal, and bottled gas	110.1	118.5	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0
Fuel oil	109.3	116.6	134.5	213.0	230.6	247.2	280.2	296.9	416.8	580.4
Gas (piped) and electricity	107.3	120.5	126.4	145.8	169.6	189.0	213.4	232.6	257.8	298.2
Electricity	106.2	118.9	124.9	147.5	167.0	177.6	189.3	203.4	219.1	248.1
Household furnishings and operation[2]	111.5	118.3	121.6	135.3	151.0	160.1	167.5	177.7	190.3	204.2
Housefurnishings[3]	109.3	113.6	115.8	125.6	137.4	142.9	147.6	154.3	163.1	173.4
Apparel and upkeep[3]	116.1	122.3	126.8	136.2	142.3	147.6	154.2	159.6	166.6	177.5
Apparel commodities	116.5	122.7	127.1	136.1	141.2	145.8	151.6	155.7	161.1	170.1
Apparel commodities[4]	116.3	122.3	126.5	135.7	140.6	144.9	150.6	154.2	158.5	166.9
Men's and boys'	117.1	121.9	126.4	136.4	142.2	147.2	154.0	157.3	160.8	168.0
Women's and girls'	116.0	123.0	127.3	134.9	138.1	141.9	146.4	149.3	151.9	154.1
Footwear	117.7	124.9	130.2	138.1	144.2	149.9	156.9	163.8	176.7	189.3
Transportation	112.7	119.9	123.8	137.7	150.6	165.5	177.2	185.5	212.0	249.0
Private	111.1	117.5	121.5	136.6	149.8	164.6	176.6	185.0	212.3	249.2
Automobiles, new	107.6	111.0	111.1	117.5	127.6	135.7	142.9	153.8	166.0	178.9
Automobiles, used	104.3	110.5	117.6	122.6	146.4	167.9	182.8	186.5	201.0	199.3
Gasoline	105.6	107.6	118.1	159.9	170.8	177.9	188.2	196.3	265.6	375.4
Auto insurance rates	126.7	140.5	138.0	138.1	145.9	187.9	210.5	216.6	228.7	247.1
Public	128.5	143.4	144.8	148.0	158.6	174.2	182.4	187.8	200.3	239.5
Intracity mass transit	134.5	150.1	150.1	148.0	155.5	173.3	178.5	181.8	189.8	204.6
Intercity bus fare	118.4	140.1	145.7	161.0	186.0	196.9	223.5	240.2	260.0	293.6
Airline fares	118.5	130.3	134.7	145.9	159.0	172.2	182.0	190.6	205.8	270.0
Medical care	120.6	132.5	137.7	150.5	168.6	184.7	202.4	219.4	239.7	263.4
Prescription drugs	101.2	100.9	100.5	102.9	109.3	115.2	122.1	131.6	141.8	153.5
Physicians' services	121.4	133.8	138.2	150.9	169.4	188.5	206.0	223.1	243.6	267.5
Dental services	119.4	132.3	136.4	146.8	161.9	172.2	185.1	198.1	214.8	238.8
Hospital room	145.4	173.9	182.1	201.5	236.1	268.6	299.5	332.4	370.3	410.1
Entertainment	116.7	126.5	130.0	139.8	152.2	159.8	167.7	176.6	188.5	204.0
Entertainment commodities	113.5	123.3	126.3	137.1	152.1	160.4	168.8	177.7	189.3	207.0
Newspapers	119.4	132.3	135.8	155.4	174.5	182.1	192.2	200.4	213.7	237.2
Entertainment services	121.0	130.7	134.9	143.2	152.4	159.0	166.2	175.4	187.6	200.1
Other goods and services[1]	116.8	127.5	132.5	142.0	153.9	162.7	172.2	183.3	196.7	211.2
Tobacco products	121.2	133.3	137.0	143.8	153.9	160.5	168.2	177.3	187.9	200.4
Personal care	113.2	119.8	125.2	137.3	150.7	160.5	170.9	182.0	195.8	211.6
Toilet goods[5]	110.4	116.9	120.0	133.3	150.0	158.5	167.5	176.6	188.7	204.1
Personal care services	116.0	122.9	130.6	141.5	151.4	162.5	174.4	187.3	202.7	218.8
Personal and educational expenses	118.2	136.7	143.4	151.3	162.4	173.1	184.1	198.0	213.8	229.2
All services	121.6	133.3	139.1	152.1	166.6	180.4	194.3	210.9	234.2	269.2
Services less rent	123.7	135.9	141.8	156.0	171.9	186.8	201.6	219.4	244.9	284.4
Household services less rent[1]	126.4	138.7	146.2	165.1	183.6	197.2	212.4	234.7	267.2	319.6
Transportation services	123.1	136.0	136.9	141.9	152.7	174.3	188.4	197.4	212.8	241.5
Medical care services	124.2	138.2	144.3	159.1	179.1	197.1	216.7	235.4	258.3	284.7
Other services[1]	117.3	126.8	132.6	142.6	153.1	162.3	172.5	184.7	199.8	215.9
All commodities	113.5	120.9	129.9	145.5	158.4	165.2	174.7	187.1	208.4	231.4
Durable	111.8	116.9	121.9	130.6	145.5	154.3	163.2	173.9	191.1	207.1
Nondurable	114.0	121.7	132.8	151.0	163.2	169.2	178.9	192.0	215.9	243.2
All commodities less food	112.5	119.4	123.5	136.6	149.1	156.6	165.1	174.7	195.1	220.2
Nondurables less food	113.1	119.8	124.8	140.9	151.7	158.3	166.5	174.3	198.7	235.5
Nondurables less food, apparel	111.2	118.2	123.4	143.8	157.9	165.7	175.3	185.0	218.2	267.9

[1] Index series underwent a change in definition effective with the 1978 revision. Therefore, these data differ from those previously published. [2] Includes housekeeping supplies and services. [3] Includes apparel services. [4] Except footwear. [5] Includes personal care appliances.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 809. Percent Changes in Consumer Prices, United States and OECD Countries: 1965 to 1979

[Covers member countries of Organisation for Economic Co-operation and Development (OECD). For consumer price indexes for OECD countries, see section 33]

COUNTRY	1965–1970, avg.	1970–1975, avg.	1975–1979, avg.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
United States	4.2	6.7	7.8	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3
OECD, total	4.2	8.5	8.8	5.6	5.3	4.7	7.8	13.4	11.3	8.6	8.9	7.9	9.7
OECD, Europe	4.0	9.6	10.5	5.1	6.6	6.5	8.7	13.2	13.1	11.0	11.3	9.2	10.5
Australia	3.1	10.2	10.7	3.9	6.1	5.8	9.5	15.1	15.1	13.5	12.3	7.9	9.1
Canada	3.8	7.3	8.4	3.3	2.9	4.8	7.6	10.8	10.8	7.5	8.0	9.0	9.1
Japan	5.5	11.5	6.3	7.7	6.1	4.5	11.7	24.5	11.8	9.3	8.1	3.8	3.6
New Zealand	1.9	10.2	14.3	6.5	10.4	6.9	8.2	11.1	14.7	16.9	14.3	12.0	13.8
Austria	3.3	7.3	5.0	4.4	4.7	6.3	7.6	9.5	8.4	7.3	5.5	3.6	3.7
Belgium	3.5	8.4	6.3	3.9	4.3	5.5	7.0	12.7	12.8	9.2	7.1	4.5	4.5
Denmark	6.4	9.3	9.9	5.8	5.8	6.6	9.3	15.3	9.6	9.0	11.1	10.0	9.6
Finland	4.7	11.7	10.4	2.8	6.5	7.1	10.7	16.9	17.9	14.4	12.2	7.8	7.5
France	4.3	8.8	9.7	5.2	5.3	6.1	7.3	13.7	11.7	9.6	9.4	9.1	10.8
W. Germany, Fed. Rep. of	2.6	6.1	4.2	3.4	5.3	5.5	6.9	7.0	6.0	4.5	3.7	2.7	4.1
Greece	2.5	12.3	14.2	3.2	3.0	4.3	15.5	27.0	13.4	13.3	12.1	12.6	19.0
Ireland	5.3	13.3	13.1	8.2	8.9	8.7	11.4	17.0	20.9	18.0	13.6	7.6	13.3
Italy	3.0	11.3	15.5	5.0	4.8	5.7	10.8	19.1	17.0	16.8	18.4	12.1	14.8
Luxembourg	3.0	7.2	6.0	4.6	4.7	5.2	6.1	9.5	10.7	9.8	6.7	3.1	4.5
Netherlands	4.8	8.6	6.1	3.6	7.5	7.8	8.0	9.6	10.2	8.8	6.4	4.1	4.2
Norway	4.9	8.4	7.8	10.6	6.2	7.2	7.5	9.4	11.7	9.1	9.1	8.1	4.8
Portugal	6.4	15.1	23.5	6.4	11.9	10.7	12.9	25.1	15.3	21.1	23.7	14.2	25.9
Spain	5.1	12.1	19.3	5.7	8.3	8.3	11.4	15.7	16.9	17.6	24.5	19.8	15.7
Sweden	4.5	8.0	9.7	7.0	7.4	6.0	6.7	9.9	9.8	10.3	11.4	10.0	7.2
Switzerland	3.5	7.7	1.9	3.6	6.6	6.7	8.7	9.8	6.7	1.7	1.3	1.1	3.6
Turkey	8.1	18.6	36.2	7.9	19.0	15.4	14.0	23.9	21.2	17.4	26.0	61.9	63.5
U. Kingdom	4.6	13.0	13.5	6.4	9.4	7.1	9.2	16.0	24.2	16.5	15.8	8.3	13.4

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly.

No. 810. Consumer Price Indexes for All Urban Consumers—U.S. Regions: 1969 to 1979

[**December 1977 = 100.** For composition of regions, see fig. I, inside front cover]

REGION	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
All items:											
Northeast	59.1	63.0	66.3	68.9	73.3	81.4	87.9	92.9	98.1	104.3	114.7
North Central	59.8	63.2	65.5	67.5	71.5	79.3	86.2	91.2	97.4	105.3	118.2
South	58.4	61.5	64.0	66.0	70.3	78.8	86.5	91.3	97.4	105.4	117.4
West	58.7	61.7	63.8	65.9	69.7	77.1	85.1	90.2	96.9	105.1	117.3
Food:											
Northeast	55.5	59.0	61.4	63.8	72.5	83.1	89.8	92.8	98.0	107.2	118.0
North Central	55.9	58.7	60.2	62.8	72.2	82.8	88.6	92.0	97.9	108.0	119.8
South	55.1	57.9	59.4	62.1	71.8	80.9	89.8	92.0	98.0	107.9	120.1
West	55.7	58.2	59.8	62.5	71.0	81.1	88.3	90.2	97.1	108.0	120.2
Housing:											
Northeast	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2
North Central	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1
South	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0
West	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8
Population size class:											
Less than 75,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6
75,000 to 385,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8
385,000 to 1,250,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8
1,250,000 to 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4
ANNUAL PERCENT CHANGE											
All items:											
Northeast	5.9	6.6	5.2	3.9	6.4	11.1	8.0	5.7	5.6	6.3	10.0
North Central	5.5	5.7	3.6	3.1	5.9	10.9	8.7	5.8	6.8	8.1	12.3
South	6.0	5.3	4.1	3.1	6.5	12.1	9.8	5.5	6.7	8.2	11.4
West	5.0	5.1	3.4	3.3	5.8	10.6	10.4	6.0	7.4	8.5	11.6

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Consumer Price Indexes*, monthly.

NO. 811. CONSUMER PRICE INDEXES—SELECTED CITIES OR SMSA'S: 1960 TO 1979

[1967=100, **except as noted.** Annual averages of monthly figures. For coverage details, see headnote, table 806, and text, p. 476. Area is generally the standard metropolitan statistical area (SMSA), exclusive of farms. Los Angeles-Long Beach, Anaheim, Calif. is a combination of two SMSA's, and New York, N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo. which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
City average [1] [2]	**88.7**	**94.5**	**116.3**	**121.3**	**125.3**	**133.1**	**147.7**	**161.2**	**170.5**	**181.5**
Anchorage, Alaska [3]	(NA)	(NA)	(NA)	112.9	115.9	120.8	133.9	152.3	164.1	175.0
Atlanta, Ga	89.3	94.0	116.5	121.7	125.5	133.7	148.5	161.7	169.2	179.6
Baltimore, Md	89.1	94.4	117.0	123.4	126.3	134.9	152.4	165.2	173.9	185.9
Boston, Mass	86.5	94.5	116.7	122.7	127.1	134.7	148.7	162.1	174.5	183.4
Buffalo, N.Y	(NA)	94.2	116.1	121.8	126.6	134.8	149.5	161.8	170.6	181.7
Chicago, Ill.-Northwestern Ind	90.7	94.7	116.3	120.8	124.3	132.0	146.1	157.6	165.1	175.6
Cincinnati, Ohio-Ky.-Ind	90.0	94.4	115.7	120.7	124.7	132.1	146.3	160.3	170.1	182.2
Cleveland, Ohio	90.6	94.7	119.3	122.8	126.5	134.1	147.8	160.9	169.0	180.5
Dallas-Fort Worth, Tex	(NA)	93.8	117.8	121.3	124.9	132.0	145.3	158.2	167.7	180.2
Denver-Boulder, Colo	(NA)	(NA)	(NA)	119.6	123.4	131.9	146.5	161.3	170.3	184.7
Detroit, Mich	88.2	92.6	117.4	121.7	126.2	134.5	149.0	160.1	168.8	180.4
Honolulu, Hawaii	(NA)	94.6	114.2	118.9	122.8	128.3	141.9	155.0	162.8	171.0
Houston, Tex	89.2	94.8	116.8	120.9	125.2	132.3	147.8	164.9	177.3	190.2
Kansas City, Mo.-Kans	86.9	95.5	115.8	120.5	124.0	130.3	144.2	157.9	166.5	178.3
Los Angeles-Long Beach-Anaheim, Calif	88.5	95.7	114.3	118.5	122.3	129.2	142.5	157.6	168.0	179.6
Milwaukee, Wis	90.2	95.8	115.8	120.1	123.7	131.5	144.1	157.0	167.1	177.9
Minneapolis-St. Paul, Minn.-Wis	89.0	94.5	117.5	121.7	125.5	133.0	148.3	160.9	170.9	183.0
New York, N.Y.-Northeast, N.J	87.3	94.3	119.0	125.9	131.4	139.7	154.8	166.6	176.3	185.5
Northeast, Pa	86.9	94.1	116.3	121.4	125.9	134.7	151.1	164.7	170.9	179.9
Philadelphia, Pa.-N.J	88.4	94.7	117.8	123.5	127.0	135.5	151.6	164.2	172.4	183.5
Pittsburgh, Pa	90.5	95.8	116.4	121.5	125.3	132.9	147.3	160.0	168.3	179.8
Portland, Oreg.-Wash	87.1	94.6	113.2	116.1	119.5	127.3	142.8	156.5	167.0	180.2
St. Louis, Mo.-Ill	87.7	94.1	115.2	119.6	122.3	129.3	142.2	156.1	165.1	176.6
San Diego, Calif	(NA)	95.2	115.3	119.8	124.4	132.5	147.2	160.8	170.7	182.0
San Francisco-Oakland, Calif	87.8	94.7	115.8	120.1	124.3	131.5	144.4	159.1	168.0	180.8
Seattle-Everett, Wash	87.9	94.5	114.0	116.4	119.7	127.5	141.5	155.8	164.5	177.6
Washington, D.C.-Md.-Va	87.7	94.1	117.6	122.7	126.9	135.0	150.0	161.6	171.1	183.0

CITY/SMSA	1978, all items	1979							
		All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment
City average [1] [2]	**195.4**	**217.4**	**228.5**	**227.6**	**239.3**	**166.6**	**212.0**	**239.7**	**188.5**
Anchorage, Alaska [3]	187.5	207.0	245.3	205.9	182.7	162.2	194.9	249.1	192.4
Atlanta, Ga	192.6	212.7	231.4	219.9	228.9	169.6	197.1	239.8	176.1
Baltimore, Md	199.6	218.2	230.4	233.3	234.4	175.2	201.0	242.1	184.0
Boston, Mass	193.1	212.9	222.5	214.5	257.5	182.6	226.6	230.8	188.9
Buffalo, N.Y	193.0	211.3	223.1	216.7	301.0	190.1	206.4	212.7	179.5
Chicago, Ill.-Northwestern, Ind	190.7	214.6	230.7	218.4	211.9	149.4	213.8	241.7	197.2
Cincinnati, Ohio-Ky.-Ind	199.1	223.8	238.4	231.2	255.3	182.5	199.3	272.1	178.0
Cleveland, Ohio	193.9	219.5	230.5	222.8	247.5	164.8	204.0	262.4	189.5
Dallas-Fort Worth, Tex	194.0	218.6	231.4	227.6	216.1	171.7	216.2	222.4	183.3
Denver-Boulder, Colo	202.1	233.5	222.8	267.7	212.2	171.9	211.6	223.1	198.2
Detroit, Mich	194.1	218.8	223.5	229.4	249.6	148.1	210.0	274.5	181.2
Honolulu, Hawaii	184.1	204.6	231.0	192.7	209.0	171.7	189.5	238.7	187.5
Houston, Tex	208.2	235.7	243.0	261.2	262.2	196.7	200.5	261.7	181.4
Kansas City, Mo.-Kans	191.8	219.2	233.8	229.6	227.1	178.1	208.6	234.4	171.3
Los Angeles-Long Beach-Anaheim, Calif	192.8	213.7	222.4	223.8	189.8	153.2	217.5	244.8	168.2
Miami [4]	104.5	114.8	120.8	113.0	107.5	108.6	115.8	119.0	109.2
Milwaukee, Wis	192.3	218.8	225.6	224.8	246.6	179.4	214.4	240.7	199.4
Minneapolis-St. Paul, Minn.-Wis	199.7	222.6	235.1	241.7	241.9	161.2	201.7	217.6	203.3
New York, N.Y.-Northeast, N.J	196.1	213.1	224.9	216.2	266.0	159.3	226.6	248.3	191.8
Northeast, Pa	191.9	210.7	220.2	220.0	301.7	158.6	207.5	236.7	183.6
Philadelphia, Pa.-N.J	194.3	213.6	231.5	215.2	235.6	155.8	217.2	255.8	188.6
Pittsburgh, Pa	195.5	217.3	229.3	229.8	225.7	161.4	216.8	239.0	180.5
Portland, Oreg.-Wash	198.4	225.4	227.2	242.7	258.1	168.1	206.9	237.7	185.9
St. Louis, Mo.-Ill	191.5	215.8	230.8	221.1	224.1	162.5	209.2	218.1	194.4
San Diego, Calif	200.1	233.1	227.6	267.3	184.3	164.7	209.8	231.7	179.3
San Francisco-Oakland, Calif	197.8	214.6	226.2	223.3	207.5	169.2	214.4	238.9	180.9
Seattle-Everett, Wash	194.8	216.3	218.3	231.6	213.4	168.3	201.5	231.7	182.3
Washington, D.C.-Md.-Va	197.0	218.6	242.2	221.3	230.1	171.5	210.3	252.7	179.7

NA Not available. [1] Based on 46 cities for 1960, 50 urban areas for 1965, 56 areas beginning 1970, and 85 areas beginning 1978. Includes medium and small sized cities, not shown separately. [2] Excludes Portland, Oreg., until 1978. For 1965, excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif. [3] October 1967=100. [4] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *Consumer Price Indexes, Detailed Report.*

No. 812. Urban Budgets for a 4-Person Family and for a Retired Couple: 1970 to 1979

[**In dollars.** 4-person family refers to annual living costs for a family comprising a 38-year-old employed husband, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy. Retired couple refers to a retired husband 65 years old or over and his wife. The 3 budget levels reflect costs of different specified types and amounts of goods and services. Each level provides for average inventories of clothing, housefurnishings, major durables, and other equipment. Metropolitan areas are as defined in 1960-61. For a detailed description of geographic boundaries and definition, see U.S. Office of Management and Budget *Standard Metropolitan Statistical Areas, 1967*]

ITEM	LOWER BUDGET [1]			INTERMEDIATE BUDGET			HIGHER BUDGET		
	Urban U.S.	Metro. areas	Non-metro. areas [2]	Urban U.S.	Metro. areas	Non-metro. areas [2]	Urban U.S.	Metro. areas	Non-metro. areas [2]
4-PERSON FAMILY									
Total cost, spring 1970	6,960	7,061	6,512	10,664	10,933	9,600	15,511	15,971	13,459
Total cost, autumn 1973	8,181	8,305	7,626	12,626	12,909	11,363	18,201	18,760	15,708
Total cost, autumn 1974	9,198	9,323	8,639	14,333	14,644	12,945	20,777	21,381	18,081
Total cost, autumn 1975	9,588	9,720	9,002	15,318	15,638	13,886	22,294	22,940	19,412
Total cost, autumn 1976	10,041	10,189	9,382	16,236	16,596	14,625	23,759	24,492	20,486
Total cost, autumn 1977	10,481	10,636	9,790	17,106	17,498	15,353	25,202	25,983	21,712
Total cost, autumn 1978	**11,546**	**11,685**	**10,925**	**18,622**	**18,982**	**17,016**	**27,420**	**28,186**	**24,000**
Cost of consumption, total	9,391	9,485	8,968	14,000	14,238	12,940	19,225	19,670	17,236
Food	3,574	3,616	3,388	4,609	4,667	4,351	5,806	5,921	5,291
Housing [3]	2,233	2,267	2,081	4,182	4,279	3,750	6,345	6,531	5,512
Transportation	856	812	1,053	1,572	1,578	1,544	2,043	2,079	1,885
Clothing and personal care	1,148	1,159	1,098	1,612	1,624	1,555	2,338	2,355	2,263
Medical care	1,065	1,096	927	1,070	1,100	933	1,116	1,147	974
Other family consumption	515	536	420	956	990	808	1,578	1,637	1,312
Other costs [4]	502	505	489	810	818	773	1,365	1,388	1,266
Social security and disability insurance payments	719	730	669	1,078	1,085	1,022	1,091	1,094	1,079
Personal income taxes	935	965	799	2,738	2,841	2,281	5,739	6,035	4,419
Total cost, autumn 1979	**12,585**	**12,722**	**11,972**	**20,517**	**20,935**	**18,651**	**30,317**	**31,187**	**26,432**
Cost of consumption, total	10,234	10,330	9,802	15,353	15,619	14,167	21,069	21,572	18,825
Food	3,911	3,960	3,693	5,044	5,112	4,739	6,360	6,493	5,764
Housing [3]	2,409	2,443	2,257	4,594	4,702	4,110	6,971	7,181	6,031
Transportation	1,004	953	1,230	1,851	1,862	1,803	2,411	2,458	2,200
Clothing and personal care	1,189	1,200	1,137	1,668	1,681	1,606	2,417	2,436	2,331
Medical care	1,171	1,202	1,032	1,176	1,207	1,039	1,227	1,258	1,085
Other family consumption	550	572	454	1,021	1,055	871	1,684	1,745	1,413
Other costs [4]	539	542	526	877	887	836	1,478	1,503	1,366
Social security and disability insurance payments	781	790	742	1,256	1,279	1,150	1,413	1,413	1,412
Personal income taxes	1,032	1,061	902	3,031	3,150	2,498	6,357	6,699	4,829
Percent change—									
Total cost 1970-1975	37.8	37.7	38.2	43.6	43.0	44.6	43.7	43.6	44.2
Total cost, 1975-1979	31.3	30.9	33.0	33.9	33.9	34.3	36.0	36.0	36.2
RETIRED COUPLE									
Total cost, spring 1970	3,109	3,188	2,872	4,489	4,679	3,917	7,114	7,503	5,949
Total cost, autumn 1973	3,763	3,865	3,457	5,414	5,637	4,746	8,043	8,429	6,888
Total cost, autumn 1974	4,228	4,332	3,916	6,041	6,278	5,331	8,969	9,379	7,743
Total cost, autumn 1975	4,501	4,606	4,189	6,465	6,711	5,728	9,598	10,025	8,320
Total cost, autumn 1976	4,695	4,807	4,359	6,738	7,002	5,947	10,048	10,509	8,669
Total cost, autumn 1977	5,081	5,202	4,721	7,249	7,530	6,409	10,763	11,255	9,289
Total cost, autumn 1978	5,514	5,617	5,206	7,846	8,108	7,063	11,596	12,069	10,182
Total cost, autumn 1979	**6,023**	**6,132**	**5,695**	**8,562**	**8,849**	**7,703**	**12,669**	**13,191**	**11,105**
Cost of consumption, total	5,763	5,868	5,450	8,047	8,316	7,240	11,719	12,205	10,264
Food	1,882	1,899	1,831	2,507	2,543	2,399	3,149	3,202	2,992
Housing [3]	1,996	2,102	1,679	2,862	3,052	2,297	4,481	4,822	3,459
Transportation	420	379	543	820	830	792	1,528	1,566	1,414
Clothing and personal care	394	394	394	625	626	621	943	933	972
Medical care	837	842	822	842	847	828	848	852	835
Other family consumption	234	252	181	390	419	304	770	830	592
Other cost [5]	259	264	245	515	532	463	950	986	841
Percent change—									
Total cost, 1970-1975	44.8	44.5	45.9	44.0	43.4	46.2	34.9	33.6	39.9
Total cost, 1975-1979	33.8	33.1	36.0	32.4	31.9	34.5	32.0	31.6	33.5

[1] Not intended to represent a minimum or subsistence level. [2] Places with 2,500-50,000 population in 1960. [3] Includes the weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. Four-person families in the lower budget are assumed to be renters. A small allowance for lodging away from home city is included in the higher budget. [4] Includes gifts, contributions, life insurance, and occupational expenses. [5] Includes gifts and contributions and, at the higher level, an allowance for life insurance.

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons, 1969-70; Autumn Urban Family Budgets and Comparative Indexes for Selected Urban Areas*, annual (Supplements to Bulletin 1570-5); *3 Budgets for a Retired Couple in Urban Areas of the United States, 1969-70;* and *3 Budgets for a Retired Couple, Autumn*, annual. (Supplements to Bulletin 1570-6).

NO. 813. URBAN INTERMEDIATE BUDGET FOR A 4-PERSON FAMILY AND A RETIRED COUPLE—U.S. COST, 1967 TO 1979, AND FOR SELECTED METROPOLITAN AREAS, 1979

[In dollars, except percent. See headnote, table 812]

AREA	COST FOR 4-PERSON FAMILY					COST FOR RETIRED COUPLE				
	Total	Food	Housing [1]	Transportation	Other [2]	Total	Food	Housing [1]	Transportation	Other [2]
1967, urban U.S	9,076	2,105	2,230	892	3,849	3,857	1,048	1,330	382	1,097
Percent	100.0	23.2	24.6	9.8	42.4	100.0	27.2	34.5	9.9	28.4
1970, urban U.S	10,564	2,452	2,501	912	4,799	4,489	1,220	1,554	413	1,302
Percent	100.0	23.0	23.5	8.6	45.0	100.0	27.2	34.6	9.2	29.0
1975, urban U.S	15,318	3,827	3,533	1,279	6,679	6,465	1,912	2,192	577	1,784
Percent	100.0	25.0	23.1	8.3	43.6	100.0	29.6	33.9	8.9	27.6
1976, urban U.S	16,236	3,859	3,843	1,403	7,131	6,738	1,914	2,334	629	1,861
Percent	100.0	23.8	23.7	8.6	43.9	100.0	28.4	34.6	9.3	27.6
1977, urban U.S	17,106	4,098	4,016	1,472	7,519	7,249	2,035	2,518	658	2,038
Percent	100.0	24.0	23.5	8.6	44.0	100.0	28.1	34.7	9.1	28.1
1978, urban U.S	18,622	4,609	4,182	1,572	8,259	7,846	2,299	2,641	701	2,205
Percent	100.0	24.8	22.5	8.4	44.5	100.0	29.3	33.7	8.9	28.1
Percent change, urban U.S.:										
1967–1970	17.5	16.5	12.2	2.2	24.7	16.4	16.4	16.8	8.1	18.7
1970–1975	43.6	56.1	41.3	40.2	39.2	44.0	56.7	41.1	39.7	37.0
1975–1979	33.9	31.8	30.0	44.7	35.2	32.4	31.1	30.6	42.1	33.0
	1979									
Urban U.S., total [3]	**20,517**	**5,044**	**4,594**	**1,851**	**9,028**	**8,562**	**2,507**	**2,862**	**820**	**2,373**
Percent	100.0	24.6	22.4	9.0	44.0	100.0	29.3	33.4	9.6	27.7
Nonmetropolitan areas [4]	18,651	4,739	4,110	1,803	7,999	7,703	2,399	2,297	792	2,215
Metropolitan areas	20,935	5,112	4,702	1,862	9,259	8,849	2,543	3,052	830	2,424
Atlanta, Ga	18,821	4,837	3,786	1,830	8,368	7,912	2,420	2,246	873	2,373
Baltimore, Md	20,316	4,835	4,418	1,778	9,285	8,436	2,401	2,800	883	2,352
Boston, Mass	24,381	5,338	6,212	2,140	10,691	10,119	2,682	4,069	840	2,528
Buffalo, N.Y	21,806	5,157	4,803	2,010	9,836	9,218	2,597	3,213	972	2,436
Chicago, Ill.-Northwestern Ind	20,564	5,114	4,619	1,926	8,903	8,459	2,531	2,782	757	2,389
Cincinnati, Ohio-Ky.-Ind	20,287	5,146	4,294	1,854	8,993	8,415	2,559	2,609	835	2,412
Cleveland, Ohio	20,868	5,057	4,705	1,866	9,240	8,924	2,516	3,030	889	2,489
Dallas, Tex	18,301	4,750	3,923	1,875	7,753	8,117	2,330	2,543	903	2,341
Denver, Colo	20,468	4,864	4,393	1,923	9,288	8,447	2,430	2,654	912	2,451
Detroit, Mich	20,821	5,005	4,716	1,799	9,301	8,692	2,467	2,938	886	2,401
Honolulu, Hawaii	25,799	6,339	5,583	1,925	11,952	9,972	3,247	3,145	1,015	2,565
Houston, Tex	19,025	4,939	3,972	1,857	8,257	8,384	2,451	2,633	864	2,436
Kansas City, Mo.-Kans	19,618	4,917	3,956	1,975	8,770	8,395	2,428	2,584	903	2,480
Los Angeles-Long Beach, Calif	19,871	4,903	4,222	1,948	8,798	8,439	2,435	2,627	984	2,393
Milwaukee, Wis	21,387	4,899	4,894	1,887	9,707	8,850	2,436	3,034	906	2,474
Minneapolis-St. Paul, Minn	21,426	5,094	4,444	1,841	10,047	8,735	2,530	2,908	878	2,419
New York, N.Y.-Northeastern N.J	23,856	5,576	5,823	1,710	10,747	9,808	2,795	3,957	585	2,471
Philadelphia, Pa.-N.J	21,436	5,661	4,610	1,774	9,391	8,891	2,820	3,076	716	2,279
Pittsburgh, Pa	19,890	5,251	4,061	1,868	8,710	8,744	2,639	2,841	912	2,352
St. Louis, Mo.-Ill	19,963	5,307	4,117	1,972	8,567	8,600	2,644	2,700	937	2,319
San Diego, Calif	20,088	4,799	4,440	1,900	8,949	8,311	2,381	2,623	916	2,391
San Francisco-Oakland, Calif	21,478	5,138	4,743	2,002	9,595	9,001	2,544	2,882	1,016	2,559
Seattle-Everett, Wash	20,719	5,026	4,887	1,912	8,894	9,358	2,519	3,348	925	2,566
Washington, D.C.-Md.-Va	22,206	5,179	5,032	1,838	10,157	9,263	2,579	3,233	911	2,540

[1] Includes weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. [2] Includes medical care, clothing and personal care, other family consumption, gifts and contributions, personal income taxes (except for retired couple in 1975, 1976, 1977, 1978, and 1979), and, for 4-person families, also basic life insurance, occupational expenses, and social security. [3] Procedures used in updating the budgets to 1979 differ from procedures used in prior years. As a result of the revision of the Consumer Price Index (CPI) program in January 1978, individual area price changes from autumn 1978 to autumn 1979 were no longer available for 15 of the 39 family budget metropolitan areas. The urban U.S. average includes estimates for these areas, however, using price data for the appropriate region/population size classes which are available from the CPI. [4] Places with population of 2,500-50,000 in 1960.

Source: U.S. Bureau of Labor Statistics, *Autumn Urban Family Budget and Comparative Indexes for Selected Urban Areas,* annual (Suppl. to Bulletin 1570-5); and *3 Budgets for a Retired Couple, Autumn,* annual. (Suppl. to Bulletin 1570-6.)

No. 814. Annual Budget Costs for a 4-Person Family—Percent Distribution, 1970 to 1979, and Annual Percent Change, 1967 to 1979

[As of autumn. See headnote, table 812. For definition of average annual percent change, see Guide to Tabular Presentation]

ITEM	LOWER BUDGET			INTERMEDIATE BUDGET			HIGHER BUDGET		
	1970	1975	1979	1970	1975	1979	1970	1975	1979
PERCENT DISTRIBUTION									
Total cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total consumption	79.8	81.3	81.3	76.9	76.5	74.8	73.2	72.4	69.5
Food	27.3	30.8	31.1	22.9	25.0	24.6	19.9	21.6	21.0
Housing	20.5	19.4	19.1	23.4	23.1	22.4	24.4	24.0	23.0
Transportation	7.3	7.3	8.0	8.6	8.3	9.0	7.6	7.4	8.0
Clothing, personal care	11.6	10.6	9.4	10.7	9.4	8.1	10.7	9.3	8.0
Medical care	8.1	8.5	9.3	5.3	5.4	5.7	3.8	3.8	4.0
Other	5.0	4.7	4.4	6.0	5.4	5.0	6.8	6.1	5.6
Other items	4.9	4.5	4.3	5.1	4.6	4.3	5.8	5.3	4.9
Social security	5.0	6.0	6.2	3.6	5.4	6.1	2.5	3.8	4.7
Personal income taxes	10.3	8.1	8.2	14.4	13.4	14.8	18.5	18.5	21.0
AVERAGE ANNUAL PERCENT CHANGE	1967–1970	1970–1975	1975–1979	1967–1970	1970–1975	1975–1979	1967–1970	1970–1975	1975–1979
Total cost	5.6	6.6	7.0	5.5	7.5	7.6	5.9	7.5	8.0
Total consumption	4.5	7.0	7.0	4.4	7.4	7.0	4.4	7.3	6.9
Food	5.0	9.2	7.3	5.2	9.3	7.2	6.1	9.3	7.2
Housing	3.1	5.4	6.7	3.9	7.2	6.8	4.1	7.3	6.8
Transportation	4.2	6.8	9.4	1.5	7.0	9.7	1.6	7.0	9.8
Clothing, personal care	4.9	4.8	3.9	4.9	4.7	3.9	4.6	4.7	3.8
Medical care	5.8	7.8	9.4	5.7	7.8	9.4	5.8	7.8	9.4
Other	5.4	5.3	5.3	5.0	5.4	5.3	3.0	5.4	5.3
Other items	2.9	4.9	5.4	3.2	5.4	5.8	3.5	5.5	5.8
Social security	9.2	10.8	7.9	8.5	16.6	10.8	8.5	16.8	13.9
Personal income taxes	15.0	1.7	7.2	13.0	6.1	10.2	13.5	7.5	11.4

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons*, press releases, and Bulletin No. 1570-5.

No. 815. Urban Intermediate Budget for Selected Metropolitan Areas, by Size and Type of Unit: 1979

[See headnote, table 812, and text, p. 476. Includes only the cost of goods and services for family consumption]

STANDARD METROPOLITAN STATISTICAL AREA (Based on 1960 census definition)	Single person under 35 years	HUSBAND AND WIFE UNDER 35 YEARS OLD			HUSBAND AND WIFE 35–54 YEARS OLD		
		No children	1 child under 6 years	2 children under 6 years	1 child, 6–15 years	2 children, oldest 6–15 yr.	3 children, oldest 6–15 yr.
Urban U.S.	$5,370	$7,520	$9,520	$11,050	$12,590	$15,353	$17,810
Atlanta, Ga	5,020	7,020	8,880	10,320	11,750	14,330	16,620
Baltimore, Md	5,210	7,290	9,220	10,710	12,200	14,879	17,260
Boston, Mass	6,200	8,660	10,980	12,750	14,520	17,705	20,540
Buffalo, N.Y	5,560	7,780	9,840	11,430	13,020	15,876	18,420
Chicago, Ill.-Northwestern Ind	5,460	7,650	9,680	11,240	12,800	15,605	18,100
Cincinnati, Ohio-Ky.-Ind	5,340	7,480	9,460	10,990	12,510	15,258	17,700
Cleveland, Ohio	5,520	7,730	9,780	11,360	12,930	15,773	18,300
Dallas, Tex	5,050	7,070	8,940	10,390	11,830	14,426	16,730
Detroit, Mich	5,410	7,580	9,590	11,140	12,680	15,469	17,940
Honolulu, Hawaii	6,310	8,840	11,180	12,990	14,790	18,039	20,930
Houston, Tex	5,230	7,320	9,260	10,760	12,250	14,942	17,330
Kansas City, Mo.-Kans	5,200	7,290	9,220	10,710	12,190	14,870	17,250
Los Angeles-Long Beach, Calif	5,290	7,410	9,370	10,880	12,400	15,118	17,540
Milwaukee, Wis	5,500	7,700	9,750	11,320	12,890	15,721	18,240
Minneapolis-St. Paul, Minn	5,340	7,470	9,450	10,980	12,500	15,249	17,690
New York, N.Y.-Northeastern N.J	5,960	8,350	10,560	12,260	13,970	17,032	19,760
Philadelphia, Pa.-N.J	5,470	7,650	9,690	11,250	12,810	15,622	18,120
Pittsburgh, Pa	5,200	7,270	9,200	10,690	12,170	14,843	17,220
St. Louis, Mo.-Ill	5,280	7,400	9,360	10,870	12,380	15,095	17,510
San Diego, Calif	5,340	7,480	9,460	10,990	12,520	15,263	17,710
San Francisco-Oakland, Calif	5,640	7,900	9,990	11,600	13,220	16,118	18,700
Seattle-Everett, Wash	5,640	7,900	9,990	11,600	13,210	16,113	18,690
Washington, D.C.-Md.-Va	5,620	7,860	9,950	11,550	13,160	16,048	18,620

Source: U.S. Bureau of Labor Statistics, *Revised Equivalence Scale: For Estimating Equivalent Incomes or Budget Costs, by Family Type.* (1570-2).

No. 816. Retail Price Indexes of Food—Selected Areas: 1970 to 1980

[1967 = 100. See headnote, table 811 and text, p. 476 regarding SMSA's]

SMSA	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Total food [1] [2]	**114.9**	**123.5**	**141.4**	**161.7**	**175.4**	**180.8**	**192.2**	**211.4**	**234.5**	**250.4**
Anchorage, Alaska	(NA)	113.1	124.4	145.7	167.6	174.2	185.8	204.1	227.2	239.8
Atlanta, Ga	114.8	124.4	144.0	165.6	181.8	185.8	196.4	215.5	238.2	[3] 248.0
Baltimore, Md	117.4	124.7	143.8	164.4	178.2	184.3	195.9	215.2	235.8	249.8
Boston, Mass	114.9	123.7	140.1	161.3	175.2	183.1	190.9	206.7	229.0	240.8
Buffalo, N.Y	116.2	123.5	141.0	160.1	173.6	178.6	189.2	206.1	226.8	[3] 238.6
Chicago, Ill.–Northwestern Ind	115.4	123.9	142.7	161.6	175.1	180.1	191.0	213.5	236.8	255.4
Cincinnati, Ohio-Ky	114.9	124.5	142.9	163.6	177.4	184.0	197.8	219.1	244.4	261.6
Cleveland, Ohio	117.5	123.3	142.1	161.1	175.8	185.9	196.1	213.6	236.3	[3] 248.5
Dallas, Tex	114.8	123.0	140.1	157.9	172.5	176.9	191.3	209.4	235.8	[3] 250.4
Denver–Boulder, Colo	(NA)	118.8	135.9	155.6	171.4	175.8	190.8	208.0	230.1	232.6
Detroit, Mich	115.2	122.9	143.6	164.1	171.6	175.6	186.4	205.5	226.5	241.7
Honolulu, Hawaii	114.1	123.2	135.2	158.7	176.7	183.0	193.0	212.8	239.8	[3] 256.1
Houston, Tex	115.5	125.0	143.3	164.9	181.2	187.6	198.8	218.7	248.3	[3] 264.0
Kansas City, Mo.–Kans	116.1	123.6	141.4	162.5	177.8	180.8	193.0	215.4	239.2	[3] 255.8
Los Angeles–Long Beach, Calif	112.2	120.4	136.5	156.3	170.1	173.5	185.8	206.7	229.5	245.0
Milwaukee, Wis	113.1	120.6	138.4	158.1	171.9	180.0	189.9	210.5	234.9	245.2
Minneapolis–St. Paul, Minn	116.5	124.4	142.0	163.6	178.9	186.6	196.7	217.3	244.4	[3] 259.9
New York, N.Y.–Northeast, N.J	117.9	126.6	145.4	166.1	179.6	185.4	195.4	212.8	232.6	249.3
Northeast, Pennsylvania	115.7	123.4	141.9	161.7	172.9	178.4	189.5	207.2	228.1	244.0
Philadelphia, Pa.–N.J	115.8	124.4	142.7	165.2	179.6	186.2	198.4	218.2	239.7	255.5
Pittsburgh, Pa	115.6	122.8	141.7	164.2	177.4	181.1	193.6	212.6	233.5	[3] 246.4
Portland, Oreg	110.9	118.0	133.7	154.5	168.4	177.3	188.8	207.7	233.6	247.7
St. Louis, Mo.–Ill	115.4	122.5	140.2	159.7	174.3	180.5	192.8	210.4	234.7	246.8
San Diego, Calif	113.6	123.3	139.6	159.6	173.7	179.2	190.5	212.2	236.0	255.0
San Francisco–Oakland, Calif	112.5	121.4	138.0	155.6	171.2	173.9	187.4	207.4	233.1	[3] 245.9
Seattle, Wash	113.5	120.7	136.3	155.8	169.6	175.0	187.9	204.1	225.4	240.4
Washington, D.C.–Md.–Va	117.3	125.8	145.5	166.9	180.7	186.5	199.7	219.8	245.7	256.7

NA Not available. [1] 1970 to 1977 based on 56 areas; beginning 1978, 85 areas. [2] Excludes Portland, Oregon through 1978. [3] April data.

Source: U.S. Bureau of Labor Statistics, *The Consumer Price Index, Detailed Report*, monthly.

No. 817. Weekly Food Cost for Families, by Type of Family: 1975 to 1980

[In **dollars.** Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

URBAN FAMILY TYPE	1975, Dec.	1976, Dec.	1977, Dec.	1978, Dec.	1979		1980	
					May	Dec.	March	May
Couple, 20–54 years old	37.10	36.60	39.70	43.20	46.40	47.50	48.30	48.90
Couple, 55 years and over	32.40	32.10	35.00	37.90	40.70	41.80	42.50	43.10
Couple with children:								
1 child, 1–5 years old	44.90	44.40	47.80	52.10	55.90	57.30	58.20	59.10
1 child, 15–19 years old	53.50	52.80	56.70	62.00	66.50	68.00	69.20	70.20
2 children, 1–5 years old	51.80	51.30	54.90	60.00	64.30	65.90	67.00	68.10
2 children, 6–11 years old	63.00	62.10	66.60	72.70	78.00	79.90	81.30	82.60
2 children, 12–19 years old	67.20	66.30	71.00	77.60	83.20	85.20	86.70	88.10

Source: U.S. Dept. of Agriculture, Science and Education Administration. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

No. 818. Weekly Food Cost for Families, by Cost Level and Region: 1980

[**In dollars.** As of **March.** Based on costs of food plans as estimated by using average price per pound of each food group paid by urban survey families at selected food cost levels in 1965–66. Prices adjusted to March 1980 level. For composition of regions, see fig. I, inside front cover]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level	REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
Northeast:				**South:**			
Couple, 20–54 years old	40.70	52.30	63.30	Couple, 20–54 years old	38.10	47.60	56.80
Couple, 55 years and over	36.00	45.80	55.20	Couple, 55 years and over	33.70	41.60	49.50
4-person families:				4-person families:			
With preschool children [1]	56.60	72.20	87.40	With preschool children [1]	53.00	66.00	78.70
With school children [2]	68.20	87.60	105.90	With school children [2]	64.10	80.10	95.50
North Central:				**West:**			
Couple, 20–54 years old	39.70	48.90	59.20	Couple, 20–54 years old	39.70	49.90	60.30
Couple, 55 years and over	35.30	43.10	51.90	Couple, 55 years and over	35.40	43.80	52.70
4-person families:				4-person families:			
With preschool children [1]	55.50	68.10	82.30	With preschool children [1]	55.60	69.30	84.00
With school children [2]	67.10	82.80	100.00	With school children [2]	67.20	84.20	102.10

[1] Couple, 20–54 years; children, 1–2 and 3–5 years. [2] Couple, 20–54 years; child, 6–8, and boy, 9–11 years.

Source: U.S. Dept. of Agriculture, Science and Education Administration, *Family Economics Review*, Summer 1980.

No. 819. Indexes of Residential Rents in Selected SMSA's: 1970 to 1980

[1967 = 100. Annual averages of monthly figures, except as indicated]

SMSA [1]	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Anchorage, Alaska (Oct. 1967 = 100)	(NA)	111.2	112.1	114.4	125.5	143.2	152.9	160.4	161.1	[2] 157.8
Atlanta, Ga	109.9	117.0	120.3	125.1	129.0	131.2	135.3	140.0	152.3	[2] 160.0
Baltimore, Md	106.9	112.6	116.1	121.3	127.4	135.5	143.9	154.6	163.5	172.9
Boston, Mass	*115.4*	*129.2*	136.2	142.9	149.6	156.7	166.2	174.2	183.0	194.4
Buffalo, N.Y	109.3	120.1	126.3	132.3	140.8	149.3	156.8	162.7	169.2	[2] 176.1
Chicago, Ill.-Northwestern Ind	107.6	113.2	121.6	127.6	132.8	137.7	142.7	150.6	160.6	172.0
Cincinnati, Ohio-Ky	105.7	109.6	111.6	115.4	120.1	124.0	133.4	142.9	155.2	168.9
Cleveland, Ohio	107.5	113.0	115.0	118.6	123.7	130.8	139.8	149.7	158.9	[2] 167.1
Dallas, Tex	110.1	111.8	113.4	116.9	122.1	129.2	140.3	155.5	172.6	[2] 186.4
Denver-Boulder, Colo	(NA)	114.5	121.5	127.3	130.3	133.5	139.7	153.2	168.8	182.9
Detroit, Mich	111.5	120.2	124.2	129.8	135.9	141.5	150.8	162.6	176.5	191.7
Honolulu, Hawaii	118.1	127.7	133.1	142.9	150.4	156.8	163.5	174.1	187.3	[2] 205.6
Houston, Tex	106.9	110.9	112.3	116.1	125.3	140.1	155.8	163.0	172.1	[2] 180.7
Kansas City, *Mo.-Kans*	106.3	110.7	112.6	115.3	119.2	124.0	131.3	139.6	149.2	[2] 156.0
Los Angeles-Long Beach, Calif	111.9	118.5	121.9	128.0	134.8	144.3	157.2	171.7	188.5	207.6
Milwaukee, Wis	109.8	117.9	122.7	128.8	136.9	144.1	152.5	159.6	168.7	178.4
Minneapolis-St. Paul, Minn	114.2	121.1	122.8	126.9	132.8	141.5	150.6	160.5	175.8	[2] 186.0
New York, N.Y.-Northeast N.J	110.9	127.2	136.6	145.0	153.7	162.5	171.4	180.1	188.7	199.9
Northeast, Pennsylvania	113.1	125.1	133.1	143.2	155.9	166.3	178.2	186.2	207.2	217.7
Philadelphia, Pa.-N.J	112.5	124.4	129.6	136.7	146.4	155.7	166.1	174.4	182.4	192.0
Pittsburgh, Pa	109.0	117.0	119.7	123.6	129.0	137.0	149.2	162.7	173.9	[2] 180.8
Portland, Oreg.-Wash	109.3	117.4	121.5	127.9	135.8	145.2	157.9	172.6	188.5	200.3
St. Louis, Mo.-Ill	105.6	108.6	110.2	112.7	116.1	120.4	127.0	136.8	149.0	166.1
San Diego, Calif	123.6	133.6	136.9	141.8	148.7	158.3	170.2	185.6	205.5	221.2
San Francisco-Oakland, Calif	119.3	129.2	133.2	138.7	144.8	153.3	164.7	177.3	190.3	[2] 207.4
Seattle, Wash	109.1	105.7	108.5	118.1	130.8	141.1	153.6	168.0	195.1	225.3
Washington, D.C.-Md.-Va	109.4	118.6	124.3	131.6	140.3	149.0	158.4	168.0	181.2	194.7

NA Not available. [1] See headnote, table 811 and text, page 476. [2] April data.

No. 820. Consumer Price Indexes of Fuels and Utilities: 1965 to 1980

[1967 = 100. Represents all urban consumers. A therm = 100,000 Btu's. Annual averages for cities combined. See text, p. 476. See also *Historical Statistics, Colonial Times to 1970*, Series E 203-211]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, May
Consumer price index, all items	94.5	116.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	244.9
Fuels and other utilities	98.3	107.6	126.9	150.2	167.8	182.7	202.2	216.0	239.3	275.9
Gas (piped) and electricity	99.4	*107.3*	*126.4*	*145.8*	169.6	189.0	213.4	232.6	257.8	298.2
Gasoline, regular and premium	94.9	105.6	118.1	159.9	170.8	177.9	188.2	196.3	265.6	375.4
Electricity (composite)	99.1	106.2	124.9	147.5	167.0	177.6	189.3	203.4	219.1	248.1
Fuel oil, coal, and bottled gas	94.6	110.1	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0
Telephone services, residential	100.8	102.5	116.5	121.4	125.3	129.8	131.3	132.8	132.4	134.0
Water and sewer service, residential	94.4	120.4	146.1	154.8	169.9	188.7	209.1	232.6	243.3	256.5

Source of tables 819 and 820: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 821. Average Price of Residential Utility (Piped) Gas, Electricity, and Fuel Oil No. 2, Selected Areas: 1975 and 1979

[In dollars per unit shown, except as indicated. One therm contains approximately 100 cubic feet of natural gas. As of *January, 1975 not strictly comparable to 1979 due to revised methodology. For complete SMSA titles, see Appendix II]*

AREA	UTILITY (piped) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (piped) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1975	1979	1975	1979	1975	1979		1975	1979	1975	1979	1975	1979
U.S. city average	[1] 13.79	[1] 28.83	(NA)	23.65	.378	.555	L.A., Long Beach, Anaheim	(NA)	20.59	19.65	24.94	(NA)	(NA)
Anchorage	(NA)	19.07	(NA)	18.56	(NA)	.525	Miami	(NA)	33.35	(NA)	21.95	(NA)	(NA)
Atlanta	12.18	27.28	15.74	20.51	(NA)	(NA)	Milwaukee	15.15	30.19	16.23	18.76	.364	.540
Baltimore	*20.17*	36.96	25.47	27.59	.367	.552	Minn.-St. Paul	*13.54*	*29.40*	18.69	23.45	.354	.515
Boston	25.38	39.37	23.70	23.84	.393	.552	New York	22.93	46.81	36.51	36.92	.402	.580
Buffalo	18.54	34.14	19.09	22.48	.416	.579	Northeast	(NA)	37.14	(NA)	25.67	(NA)	.522
Chicago	14.32	30.14	18.58	26.18	.342	.544	Philadelphia	20.09	38.47	27.16	23.80	.360	.550
Cincinnati	13.28	28.72	17.71	21.21	(NA)	.531	Pittsburgh	14.18	26.77	20.75	26.42	(NA)	(NA)
Cleveland	12.29	25.09	20.40	26.54	(NA)	(NA)	Portland	(NA)	37.86	(NA)	15.44	(NA)	.509
Dallas [2]	9.14	24.95	15.72	19.74	(NA)	(NA)	St. Louis	14.54	30.44	17.83	22.98	.375	(NA)
Denver-Boulder	(NA)	24.69	(NA)	23.73	(NA)	(NA)	San Diego	(NA)	20.87	17.93	25.30	(NA)	(NA)
Detroit	13.50	27.81	19.82	27.59	.351	.542	San Francisco-Oakland	12.91	18.16	14.81	18.89	(NA)	(NA)
Honolulu	(NA)	[3] 91.94	17.34	30.49	(NA)	(NA)	Seattle-Everett	18.86	36.67	6.93	8.89	.407	.538
Houston	14.99	(NA)	14.33	21.86	(NA)	(NA)	Wash., D.C.	20.43	37.27	22.32	24.48	.382	.560
Kansas City	9.29	19.67	19.22	22.51	(NA)	(NA)							

NA Not available. [1] Excludes Honolulu. [2] Includes Ft. Worth. [3] Price is for propane only.

Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy*, monthly.

NO. 822. AVERAGE RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL MONTHLY BILLS FOR ELECTRICITY: 1970 TO 1979

[Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico with estimated total population of 77.0 million as of January 1, 1979. Composite average as of January 1, using latest available population weights. kW=kilowatts; kWh=kilowatthours]

ITEM	1970	1975	1979
RESIDENTIAL			
Average bill, dollars:			
500 kWh	10.51	17.93	23.05
750 kWh	14.22	24.72	32.72
1,000 kWh	18.31	32.29	43.12
Average bill, cents per kWh:			
500 kWh	2.1	3.6	4.6
750 kWh	2.0	3.3	4.4
1,000 kWh	1.8	3.2	4.3
COMMERCIAL			
Average bill, dollars:			
6 kW, 750 kWh	27.09	41.30	51.27
12 kW, 1,500 kWh	51.64	83.49	102.91
30 kW, 6,000 kWh	162.91	268.71	343.91
40 kW, 10,000 kWh	239.37	405.63	521.09
COMMERCIAL—Con.			
Average bill, cents per kWh:			
6 kW, 750 kWh	3.6	5.5	6.8
12 kW, 1,500 kWh	3.4	5.6	6.9
30 kW, 6,000 kWh	2.7	4.9	5.7
40 kW, 10,000 kWh	2.4	4.1	5.2
INDUSTRIAL			
Average bill, dollars:			
150 kW, 30,000 kWh	648	1,157	1,531
300 kW, 60,000 kWh	1,183	2,199	2,975
1,000 kW, 200,000 kWh	3,492	6,888	9,408
Average bill, cents per kWh:			
150 kW, 30,000 kWh	2.2	3.9	5.1
300 kW, 60,000 kWh	2.0	3.7	5.0
1,000 kW, 200,000 kWh	1.8	3.4	4.7

NO. 823. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 500 KILOWATTHOURS USE, 1970 TO 1979, AND BY STATES, 1979

[**In dollars.** Based on rates as of **January 1** for communities of 2,500 inhabitants or more]

YEAR AND STATE	Lowest bill	Highest bill
1970	4.25	25.00
1971	4.25	28.00
1972	4.25	30.37
1973	4.25	30.37
1974	4.25	30.37
1975	5.10	41.14
1976	4.68	41.13
1977	4.68	41.13
1978	4.68	47.14
1979	**4.68**	**55.97**
Ala	12.70	25.00
Alaska	17.31	55.97
Ariz	21.20	34.72
Ark	11.84	24.83
Calif	9.19	29.96
Colo	10.29	27.27
Conn	21.11	25.99
Del	26.48	33.29
D.C	19.04	19.04
Fla	18.84	31.50
Ga	11.84	27.47
Hawaii	30.49	44.13
Idaho	8.40	18.75
Ill	16.00	30.45
Ind	12.72	26.87
Iowa	14.10	32.50
Kans	15.09	34.60
Ky	12.70	22.59
La	11.00	29.88
Maine	18.95	29.30
Md	17.96	31.29
Mass	18.56	35.25
Mich	10.60	28.30
Minn	9.90	32.80
Miss	12.70	30.35
Mo	10.17	32.18
Mont	10.75	21.50
Nebr	15.94	28.10
Nev	10.60	26.92
N.H	23.94	28.60
N.J	19.83	37.56
N. Mex	17.75	34.40
N.Y	5.86	47.14
N.C	7.00	31.51
N. Dak	12.11	23.63
Ohio	17.50	32.08
Okla	13.75	31.55
Oreg	5.78	15.51
Pa	13.60	33.24
R.I	20.31	28.01
S.C	16.82	28.20
S. Dak	11.32	25.89
Tenn	12.70	19.26
Tex	10.64	33.10
Utah	10.32	27.19
Vt	17.11	23.75
Va	14.80	27.27
Wash	4.68	12.55
W. Va	19.07	22.28
Wis	12.05	23.15
Wyo	12.36	24.37

Source of tables 822 and 823: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills,* annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills.*

NO. 824. AVERAGE PRICES OF SELECTED FUELS AND UTILITIES: 1975 TO 1980

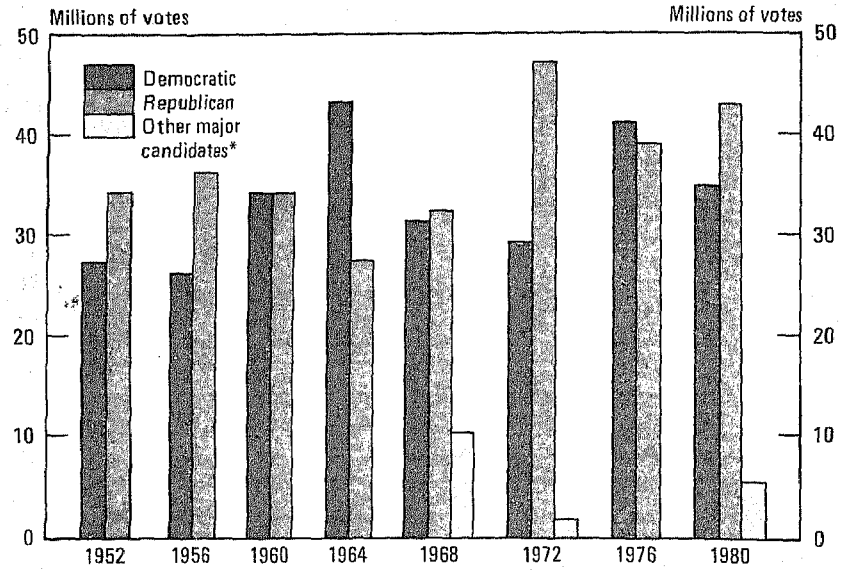
[Represents retail price, except as noted]

ITEM	Unit	1975	1976	1977	1978	1979	1980, Jan.–May
Crude oil, composite [1]	Dol. per bbl	10.38	10.89	11.96	12.46	17.72	26.55
Gasoline, average retail (full-service):							
Leaded regular	Cents per gal	56.2	58.7	62.6	63.9	87.1	118.4
Unleaded regular	Cents per gal	59.8	62.5	66.4	68.4	92.2	123.1
Leaded premium	Cents per gal	60.9	63.8	68.1	69.4	92.40	124.8
No. 2 heating oil, residential	Cents per gal	37.7	40.6	46.0	49.4	65.6	95.6
Diesel fuel No. 2	Cents per gal	(NA)	34.7	39.3	40.2	62.4	86.2
Natural gas	Cents per 1,000 cu. ft	154.2	184.6	226.4	262.6	323.1	368.5
Residual fuel oil	Dol. per bbl	(NA)	11.49	13.23	12.75	18.67	24.93
Electric utilities	Cents per kWh	2.92	3.09	3.42	3.69	3.97	[2] 4.33

NA Not available. [1] Refiner acquisition cost. [2] Jan.–April.

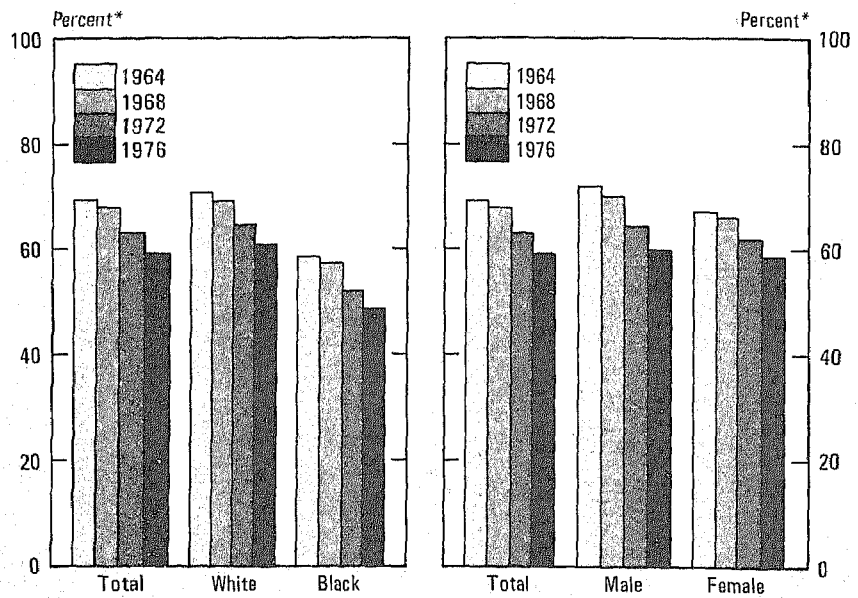
Source: U.S. Energy Information Administration, *Monthly Energy Review.*

Figure 16.1
Popular Vote Cast for President, by Majority Party: 1952 to 1980



*1968 and 1972—American independent; 1980—John Anderson.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 825.

Figure 16.2
Voter Participation in Presidential Elections: 1964 to 1976



*Percent of persons of voting age who reported that they voted.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 856.

1980
101st EDITION

Section 16
Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, Black and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election.* Federal and State elections data appear also in *America Votes,* a biennial volume of the Elections Research Center, Washington, D.C. Federal elections data also appear in the U.S. Congress, *Congressional Directory,* and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports,* series P–20 (see text, p. 1).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, age 18 and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia elects one nonvoting delegate.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (in Nov. 1980 an estimated 4 million aliens and another half million institutionalized persons). Since 1964, voter participation and voter characteristics data based on the CPS (see above) conducted during November of election years have also been issued biennially.

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

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

No. 825. Vote Cast for President, by Political Parties: 1920 to 1980

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes District of Columbia. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970,* series Y 79-83 and Y 135]

Year	Candidates for President		Vote cast for President					
				Democratic			Republican	
				Popular vote		Electoral vote	Popular vote	
	Democratic	Republican	Total popular vote [1]	Number	Percent		Number	Percent	Electoral vote
			1,000	*1,000*			*1,000*		
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	404
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	382
1928	Smith	Hoover	36,812	15,016	40.8	87	21,392	58.1	444
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	59
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,590	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980 [2]	Carter	Reagan	84,263	34,663	41.1	49	42,951	51.0	489

Year	Vote cast for President—Con.				Year	Vote cast for President—Con.			
	Socialist and So. Labor	Misc. independent [3]	Prohibition	Communist		Socialist and So. Labor	Misc. independent [3]	Prohibition	Communist
	1,000	*1,000*	*1,000*	*1,000*		*1,000*	*1,000*	*1,000*	*1,000*
1920	952	334	189	–	1952	50	176	73	–
1924	[4] 36	[5] 4,853	58	[6] 36	1956	46	325	42	–
1928	289	74	20	[6] 21	1960	[4] 48	410	46	–
1932	915	63	82	103	1964	[4] 45	268	23	–
1936	200	897	38	80	1968	[4] 53	[7] 10,082	15	1
1940	131	3	59	46	1972	[4] 54	1,285	14	26
1944	124	147	75	–	1976	16	[8] 1,487	16	59
1948	169	2,351	104	–	1980 [2]	(NA)	[9] 6,649	(NA)	(NA)

– Represents zero. NA Not available. [1] Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes. [2] Based on unofficial returns compiled by the News Election Service. [3] Mainly Progressive in 1924, States Rights and Progressive in 1948, and American Independent in 1968 and 1972. [4] Socialist Labor only. [5] Includes 4,831,000 votes cast for LaFollette, candidate for the Progressive Party. [6] Workers Party. [7] Includes 9,906,000 votes cast for George Wallace, *American Independent Party.* [8] Includes 756,691 votes cast for Eugene McCarthy, Independent; 173,011 for Roger MacBride, Libertarian Party; 170,531 for Lester Maddox, American Independent Party; and 160,773 for Thomas Anderson, American Party. [9] Comprises 5,551,551 votes cast for John Anderson, Independent; 876,557 for Ed Clark, Libertarian Party; and 220,769 for Barry Commoner, Citizens Party.

Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote* and *They Voted for Roosevelt,* Stanford University Press, Stanford, Calif., 1934 and 1947, respectively. 1940-1964 and 1968-1976, Elections Research Center, Washington, D.C., *America at the Polls* and *America Votes,* biennial, respectively (copyright). 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report,* vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 826. Electoral Vote Cast for President, by Major Political Parties, by States: 1940 to 1980

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION AND STATE	1940	1944	1948 [1]	1952	1956 [2]	1960 [3]	1964	1968 [4]	1972 [5]	1976 [6]	1980 [7]
Democratic	449	432	303	89	73	303	486	191	17	297	49
Republican	82	99	189	442	457	219	52	301	520	240	489
No. East: Dem	132	130	20	-	-	121	126	102	14	86	4
Rep	8	8	118	133	133	12	-	24	108	36	118
No. Cent.: Dem	93	73	101	-	13	71	149	31	-	58	10
Rep	68	82	54	153	140	82	-	118	145	87	135
South: Dem	165	167	117	89	60	101	121	45	3	149	31
Rep	-	-	11	77	105	50	47	77	165	20	138
West: Dem	59	62	65	-	-	10	90	13	-	4	4
Rep	6	9	6	79	79	75	5	82	102	97	98
Alabama	D-11	D-11	([1])	D-11	[2] D-10	[3] D-5	R-10	([4])	R-9	D-9	R-9
Alaska	(x)	(x)	(x)	(x)	(x)	R-3	D-3	R-3	R-3	R-3	R-3
Arizona	D-3	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6
Arkansas	D-9	D-9	D-9	D-8	D-8	D-8	D-6	([4])	R-6	D-6	R-6
California	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
Colorado	R-6	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7
Connecticut	D-8	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8
Delaware	D-3	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3
District of Columbia	(x)	(x)	(x)	(x)	(x)	(x)	D-3	D-3	D-3	D-3	D-3
Florida	D-7	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17
Georgia	D-12	D-12	D-12	D-12	D-12	D-12	R-12	([4])	R-12	D-12	D-12
Hawaii	(x)	(x)	(x)	(x)	(x)	D-3	D-4	D-4	R-4	D-4	D-4
Idaho	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Illinois	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
Indiana	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
Iowa	R-11	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
Kansas	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
Kentucky	D-11	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
Louisiana	D-10	D-10	([1])	D-10	R-10	D-10	R-10	([4])	R-10	D-10	R-10
Maine	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
Maryland	D-8	D-8	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10
Massachusetts	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
Michigan	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
Minnesota	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
Mississippi	D-9	D-9	([1])	D-8	D-8	([3])	R-7	([4])	R-7	D-7	R-7
Missouri	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
Montana	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nebraska	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
Nevada	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
New Hampshire	D-4	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
New Jersey	D-16	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17
New Mexico	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
New York	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
North Carolina	D-13	D-14	D-14	D-14	D-14	D-14	D-13	[4] R-12	R-13	D-13	R-13
North Dakota	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
Ohio	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
Oklahoma	D-11	D-10	D-10	R-8	R-8	[3] R-7	D-8	R-8	R-8	R-8	R-8
Oregon	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
Pennsylvania	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
Rhode Island	D-4	D-4	D-4	R-4	R-4	D-4	D-4	D-4	R-4	D-4	D-4
South Carolina	D-8	D-8	([1])	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
South Dakota	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Tennessee	D-11	D-12	[1] D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
Texas	D-23	D-23	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26
Utah	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Vermont	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Virginia	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	[5] R-11	R-12	R-12
Washington	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	[6] R-8	R-9
West Virginia	D-8	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
Wisconsin	D-12	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11
Wyoming	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3

- Represents zero. X Not applicable. [1] Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. [2] Excludes 1 electoral vote cast for Walter B. Jones. [3] Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1. [4] Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. [5] Excludes 1 electoral vote cast for John Hospers. [6] Excludes 1 electoral vote cast for Ronald Reagan. [7] Based on unofficial returns compiled by the News Election Service.

Source: 1940-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election;* 1976, Elections Research Center, Washington, D.C., *America Votes*, vol. 12 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 827. Popular Vote Cast for President, and Percent of Vote for Leading Party, by Regions and States: 1952 to 1968

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party. For composition of regions, see fig. I, inside front cover. See also tables 825 and 828, and Historical Statistics, Colonial Times to 1970, series Y 135-186]

Region and State	1952		1956		1960		1964		1968			
	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast [1]	Democratic Party	Republican Party	Percent for leading party
Total	**61,551**	**R-55.1**	**62,027**	**R-57.4**	**68,838**	**D-49.7**	**70,645**	**D-61.1**	**73,212**	**31,275**	**31,785**	**R-43.4**
Northeast	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	9,658	8,279	D-50.2
North Central	21,153	R-57.6	21,114	R-58.6	22,979	R-52.2	22,209	D-61.3	22,206	9,701	10,392	R-46.8
South	12,445	D-50.5	12,478	R-51.1	14,389	D-49.9	16,597	D-53.3	19,177	6,419	6,988	R-36.4
West	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-59.4	12,590	5,498	6,126	R-48.7
Alabama	426	D-64.6	497	D-56.5	570	D-56.8	690	R-69.5	1,050	[2] 197	147	([3])
Alaska	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	35	38	R-45.3
Arizona	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	171	267	R-54.8
Arkansas	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	188	191	([3])
California	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	3,244	3,468	R-47.8
Colorado	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	335	409	R-50.5
Connecticut	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	622	557	D-49.5
Delaware	174	R-51.8	178	R-55.1	197	D-50.6	201	D-60.9	214	89	97	R-45.1
Dist. of Columbia	(x)	(x)	(x)	(x)	(x)	(x)	199	D-85.5	171	140	31	D-81.8
Florida	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	677	887	R-40.5
Georgia	656	D-69.7	670	D-66.4	733	D-62.5	1,139	R-54.1	1,250	334	380	([3])
Hawaii	(x)	(x)	(x)	(x)	185	([4])	207	D-78.8	236	141	91	D-59.8
Idaho	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	89	165	R-56.8
Illinois	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	2,040	2,175	R-47.1
Indiana	1,955	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-56.0	2,124	807	1,068	R-50.3
Iowa	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,168	477	619	R-53.0
Kansas	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	303	479	R-54.8
Kentucky	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	398	462	R-43.8
Louisiana	652	D-52.9	618	R-53.3	808	D-50.4	896	R-56.8	1,097	310	258	([3])
Maine	352	R-66.0	352	R-70.9	422	R-57.0	381	D-68.8	393	217	169	D-55.3
Maryland	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	538	518	D-43.6
Massachusetts	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	1,469	767	D-63.0
Michigan	2,799	R-55.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	1,593	1,371	D-48.2
Minnesota	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.8	1,589	858	659	D-54.0
Mississippi	286	D-60.4	248	D-58.2	298	([5])	409	R-87.1	655	151	89	([3])
Missouri	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	791	812	R-44.9
Montana	265	R-59.4	271	R-57.1	278	R-51.1	279	D-58.9	274	114	139	R-50.6
Nebraska	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.6	537	171	321	R-59.6
Nevada	82	R-61.4	97	R-58.0	107	D-51.2	135	D-58.6	154	61	73	R-47.5
New Hampshire	273	R-60.9	267	R-66.1	296	R-53.4	288	D-63.9	297	131	155	R-52.1
New Jersey	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	1,264	1,325	R-46.1
New Mexico	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	130	170	R-51.8
New York	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-68.6	6,792	3,378	3,008	D-49.7
North Carolina	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	464	627	R-39.5
North Dakota	270	R-71.0	254	R-61.7	278	R-55.4	258	D-58.0	248	95	139	R-55.9
Ohio	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	1,701	1,791	R-45.2
Oklahoma	949	R-54.6	859	R-55.1	903	R-59.0	932	D-55.7	943	302	450	R-47.7
Oregon	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	359	408	R-49.8
Pennsylvania	4,581	R-52.7	4,577	R-56.5	5,007	D-51.1	4,823	D-64.9	4,748	2,259	2,090	D-47.6
Rhode Island	414	R-50.9	388	R-58.3	406	D-63.6	390	D-80.9	385	247	122	D-64.0
South Carolina	341	D-50.7	301	D-45.4	387	D-51.2	525	R-58.9	667	197	254	R-38.1
South Dakota	294	R-69.3	294	R-58.4	306	R-58.2	293	D-55.6	281	118	150	R-53.3
Tennessee	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	351	473	R-37.8
Texas	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	1,267	1,228	D-41.1
Utah	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	157	239	R-56.5
Vermont	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	70	85	R-52.8
Virginia	620	R-56.3	698	R-55.4	771	R-52.4	1,042	D-53.5	1,361	442	590	R-43.4
Washington	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	616	589	D-47.2
West Virginia	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	374	308	D-49.6
Wisconsin	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	749	610	R-47.9
Wyoming	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	45	71	R-55.8

X Not applicable. [1] Includes other parties. [2] Excludes vote cast for George C. Wallace as a Democratic Party candidate. [3] Vote represented a victory for Wallace (American Independent Party) as follows: Alabama, 65.8 percent; Arkansas, 38.9 percent; Georgia, 42.9 percent; Louisiana, 48.3 percent; and Mississippi, 63.4 percent. [4] Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295. [5] Vote represented a victory for unpledged Democratic electors: 39.0 percent.

Source: 1952 and 1956, U.S. Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress)*, 1963; and 1960-1968, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

NO. 828. POPULAR VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES, BY REGIONS AND STATES: 1972 TO 1980

[In thousands, except percent. D=Democratic, R=Republican. See headnote, table 827. See also *Historical Statistics, Colonial Times to 1970,* series Y 135-186]

REGION AND STATE	1972				1976				1980 [2]			
	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [3]	Democratic Party	Republican Party	Percent for leading party
Total	**77,719**	**29,170**	**47,170**	**R-60.7**	**81,556**	**40,831**	**39,148**	**D-50.1**	**83,166**	**34,663**	**42,951**	**R-51.6**
Northeast	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.9	18,528	7,862	8,974	R-48.4
No. Central	23,190	9,127	13,711	R-59.1	24,155	11,671	11,995	R-49.7	24,243	10,026	12,579	R-51.9
South	20,048	6,087	13,666	R-68.2	23,198	12,520	10,394	D-54.0	24,966	11,303	12,834	R-51.4
West	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	15,429	5,472	8,565	R-55.5
Ala	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,283	627	641	R-49.9
Alaska	95	33	55	R-58.1	124	44	72	R-57.9	106	31	67	R-62.9
Ariz	623	199	403	R-64.7	743	296	419	R-56.4	842	243	523	R-62.1
Ark	651	200	449	R-68.9	768	499	268	D-65.0	822	398	403	R-49.0
Calif	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,216	3,041	4,447	R-54.1
Colo	954	330	597	R-62.6	1,082	460	584	R-54.0	1,150	369	651	R-56.6
Conn	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,378	537	673	R-48.8
Del	236	92	140	R-59.6	236	123	110	D-52.0	235	107	112	R-47.6
D.C	163	128	35	D-78.1	169	138	28	D-81.6	161	124	22	D-77.2
Fla	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,482	1,366	1,937	R-55.6
Ga	1,175	290	881	R-75.0	1,467	979	484	D-66.7	1,536	870	631	D-56.7
Hawaii	270	101	169	R-62.5	291	147	140	D-50.6	298	136	130	D-45.6
Idaho	310	81	199	R-64.2	344	127	204	R-59.3	427	109	290	R-68.0
Ill	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,637	1,950	2,342	R-50.5
Ind	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,174	836	1,231	R-56.6
Iowa	1,226	496	706	R-57.6	1,279	620	633	R-49.5	1,300	509	677	R-52.0
Kans	916	270	620	R-67.7	958	430	503	R-52.5	955	325	563	R-58.9
Ky	1,067	371	676	R-63.4	1,167	616	532	D-52.8	1,265	610	626	R-49.5
La	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,530	708	796	R-52.0
Maine	417	161	256	R-61.5	483	232	236	R-48.9	512	220	238	R-46.5
Md	1,354	506	829	R-61.3	1,440	760	673	D-52.8	1,476	706	656	D-47.9
Mass	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,485	1,048	1,054	R-42.4
Mich	3,490	1,459	1,962	R-56.2	3,654	1,697	1,894	R-51.8	3,587	1,519	1,809	R-50.4
Minn	1,742	802	898	R-51.6	1,950	1,070	819	D-54.9	1,888	898	824	D-47.6
Miss	646	127	505	R-78.2	769	381	367	D-49.6	881	429	440	R-49.9
Mo	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,050	918	1,055	R-51.5
Mont	318	120	184	R-57.9	329	149	174	R-52.8	329	110	191	R-58.2
Nebr	576	170	406	R-70.5	608	234	360	R-59.2	622	164	413	R-66.5
Nev	182	66	116	R-63.7	202	92	101	R-50.2	239	66	155	R-64.8
N.H	334	116	214	R-64.0	340	148	186	R-54.7	380	109	222	R-58.3
N.J	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,850	1,120	1,506	R-52.9
N. Mex	386	141	236	R-61.0	418	201	211	R-50.5	438	165	245	R-55.9
N.Y	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	5,860	2,628	2,790	R-47.6
N.C	1,519	439	1,055	R-69.5	1,679	927	742	D-55.2	1,842	876	914	R-49.6
N. Dak	281	100	174	R-62.1	297	136	153	R-51.6	267	72	174	R-65.1
Ohio	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,202	1,744	2,202	R-52.4
Okla	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,121	399	684	R-61.0
Oreg	928	393	487	R-52.4	1,030	490	492	R-47.8	1,111	445	556	R-50.1
Pa	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,469	1,932	2,251	R-50.4
R.I	416	195	220	R-53.0	411	228	181	D-55.4	387	185	146	D-47.9
S.C	674	187	477	R-70.8	803	451	346	D-56.2	862	422	445	R-50.5
S. Dak	307	140	166	R-54.2	301	147	152	R-50.4	323	104	198	R-61.3
Tenn	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,605	781	787	R-49.1
Tex	3,471	1,154	2,299	R-66.2	4,072	2,082	1,953	D-51.1	4,316	1,779	2,433	R-56.4
Utah	478	126	324	R-67.6	541	182	338	R-62.4	589	123	436	R-73.9
Vt	187	68	117	R-62.7	188	81	102	R-54.4	207	81	93	R-45.2
Va	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,818	746	980	R-53.9
Wash	1,471	568	837	R-56.9	1,556	717	778	R-50.0	1,512	583	764	R-50.5
W. Va	762	277	485	R-63.6	751	436	315	D-58.0	711	354	327	D-49.7
Wis	1,853	810	989	R-53.4	2,104	1,040	1,005	D-49.4	2,238	988	1,090	R-48.7
Wyo	146	44	100	R-69.0	156	62	93	R-59.3	172	49	110	R-64.2

[1] Includes other parties. [2] Based on unofficial returns compiled by the News Election Service. [3] Comprises votes for Democratic and Republican candidates and John Anderson.

Source: 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 7, 1972* (in some cases, figures have been revised by Elections Research Center, Washington, D.C.); 1976, Elections Research Center, Washington, D.C., *America Votes,* vol. 12 (copyright); 1980, Congressional Quarterly Inc., Washington, D.C., *Congressional Quarterly Weekly Report,* vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 829. Popular Vote Cast for President, by Geographic Divisions and Percent Vote by Political Party: 1964 to 1980

[For composition of divisions, see fig. I, inside front cover]

Year and party	Unit	Total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1964, total	1,000	70,645	4,786	14,837	15,659	6,550	8,294	3,289	5,016	2,837	9,377
Democratic	Percent	61.1	72.7	66.8	61.6	60.6	55.6	41.3	57.5	56.4	60.4
Republican	Percent	38.5	27.0	32.9	38.2	39.1	44.4	52.2	42.3	43.3	39.4
Other	Percent	.5	.2	.3	.1	.2	(Z)	6.5	.2	.3	.2
1968, total	1,000	73,212	4,825	14,415	15,701	6,505	9,428	4,009	5,740	2,895	9,695
Democratic	Percent	42.7	57.1	47.9	43.9	43.2	34.5	27.3	36.0	38.1	45.3
Republican	Percent	43.4	38.5	44.6	45.9	48.9	39.2	29.2	37.0	52.9	47.4
Other	Percent	13.9	4.4	7.6	10.2	7.9	26.3	43.5	27.0	9.0	7.3
1972, total	1,000	77,719	5,197	14,755	16,286	6,904	9,923	3,921	6,204	3,397	11,132
Democratic	Percent	37.5	46.7	39.6	39.6	38.8	31.0	28.4	30.6	32.6	41.1
Republican	Percent	60.7	52.5	59.3	58.9	59.8	68.0	69.5	67.6	63.6	55.2
Other	Percent	1.8	.7	1.0	1.5	1.5	1.0	2.2	1.8	3.8	3.7
1976, total	1,000	81,556	5,351	14,169	16,809	7,346	11,392	4,596	7,210	3,815	10,867
Democratic	Percent	50.1	51.7	50.6	47.8	49.5	55.0	54.0	52.4	41.1	47.3
Republican	Percent	48.0	45.9	48.1	50.3	48.3	43.9	44.3	46.5	55.7	49.4
Other	Percent	1.9	2.4	1.3	1.9	2.2	1.1	1.7	1.1	3.2	3.3
1980, total [1]	1,000	[2] 83,166	5,349	13,179	16,838	7,405	12,143	5,034	7,789	4,186	11,243
Democratic	*Percent*	41.7	40.8	43.1	41.8	40.4	45.9	48.6	42.2	29.5	37.7
Republican	Percent	51.6	45.4	49.7	51.5	52.7	49.6	49.5	55.4	62.1	53.0
Other [3]	Percent	6.7	13.9	7.2	6.7	6.9	4.5	1.9	2.4	8.3	9.3

Z Less than .05 percent. [1] See footnote 2, table 828. [2] See footnote 3, table 828. [3] Vote for John Anderson only.

Source: 1964-1976, Elections Research Center, Washington, D.C. America Votes, biennial (copyright);1980, Congressional Quarterly Inc., Washington, D.C., Congressional Quarterly Weekly Report, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 830. Percent of Total and Voting-Age Population and of Popular and Electoral Vote for President, by Regions and States: 1980

Region [1] and state	Total population [2]	Voting-age population [3]	Popular vote for President [4]	Electoral vote for President
U.S.	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	22.0	22.5	22.3	22.7
North Central	26.3	26.2	29.2	27.0
South	32.7	32.4	30.0	31.4
West	19.0	19.0	18.6	19.0
Alabama	1.7	1.7	1.5	1.7
Alaska	.2	.2	.1	.6
Arizona	1.1	1.1	1.0	1.1
Arkansas	1.0	1.0	1.0	1.1
California	10.4	10.6	9.9	8.4
Colorado	1.3	1.3	1.4	1.3
Connecticut	1.4	1.4	1.7	1.5
Delaware	.3	.3	.3	.6
District of Columbia	.3	.3	.2	.6
Florida	4.1	4.3	4.2	3.2
Georgia	2.3	2.3	1.8	2.2
Hawaii	.4	.4	.4	.7
Idaho	.4	.4	.5	.7
Illinois	5.0	5.0	5.6	4.8
Indiana	2.4	2.4	2.6	2.4
Iowa	1.3	1.3	1.6	1.5
Kansas	1.1	1.1	1.1	1.3
Kentucky	1.6	1.6	1.5	1.7
Louisiana	1.8	1.7	1.8	1.9
Maine	.5	.5	.6	.7
Maryland	1.9	1.9	1.8	1.9
Massachusetts	2.6	2.7	3.0	2.6
Michigan	4.2	4.1	4.3	3.9
Minnesota	1.8	1.8	2.3	1.9
Mississippi	1.1	1.0	1.1	1.3
Missouri	2.2	2.2	2.5	2.2
Montana	.4	.3	.4	.7
Nebraska	.7	.7	.7	.9
Nevada	.3	.3	.3	.6
New Hampshire	.4	.4	.5	.7
New Jersey	3.3	3.4	3.4	3.2
New Mexico	.6	.5	.5	.7
New York	7.9	8.0	7.0	7.6
North Carolina	2.5	2.5	2.2	2.4
North Dakota	.3	.3	.3	.6
Ohio	4.8	4.8	5.1	4.6
Oklahoma	1.3	1.3	1.3	1.5
Oregon	1.2	1.2	1.3	1.1
Pennsylvania	5.3	5.4	5.4	5.0
Rhode Island	.4	.4	.5	.7
South Carolina	1.3	1.3	1.1	1.5
South Dakota	.3	.3	.4	.7
Tennessee	2.0	2.0	1.9	1.9
Texas	6.2	6.0	5.1	4.8
Utah	.6	.6	.7	.7
Vermont	.2	.2	.2	.6
Virginia	2.3	2.4	2.2	2.2
Washington	1.8	1.9	1.8	1.7
West Virginia	.9	.8	.9	1.1
Wisconsin	2.1	2.1	2.7	2.0
Wyoming	.2	.2	.2	.6

[1] For composition of regions, see fig. 1, inside front cover. [2] Estimated. As of Nov. Includes Armed Forces stationed in area. [3] Estimated. As of Nov. Resident population 18 years old and over. [4] See footnote 3, table 828.

Source: Compiled from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879 and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 831. Vote Cast for Major Political Offices, by Major Parties: 1960 to 1980

Year and office	Total vote cast (mil.)	Democratic		Republican		Other parties		Plurality		
		Vote cast (mil.)	Percent	Vote cast (mil.)	Percent	Vote cast (mil.)	Percent	Party [1]	Vote (mil.)	Percent
1960: President	68.8	34.2	49.7	34.1	49.5	.5	.7	Dem.	.1	.2
U.S. House of Rep. (381 dist.[2])	63.3	34.7	54.8	28.4	44.8	.3	.4	Dem.	6.3	10.0
U.S. Senate (34 States)	33.5	18.3	54.6	15.0	44.8	.2	.6	Dem.	3.3	9.8
State Governor (30 States)	35.5	18.7	52.9	16.6	46.8	.1	.3	Dem.	2.1	6.0
1964: President	70.6	43.1	61.1	27.2	38.5	.3	.5	Dem.	16.0	22.6
U.S. House of Rep. (403 dist.[2])	65.9	37.7	57.2	27.9	42.3	.3	.5	Dem.	9.8	14.9
U.S. Senate (34 States)	51.5	29.0	56.3	22.1	42.9	.5	.9	Dem.	6.9	13.4
State Governor (25 States)	29.1	16.1	55.2	12.9	44.4	.1	.4	Dem.	3.2	10.9
1968: President	73.2	31.3	42.7	31.8	43.4	10.2	13.9	Rep.	.5	.7
U.S. House of Rep. (398 dist.[2])	66.1	33.0	50.0	31.9	48.2	1.2	1.8	Dem.	1.2	1.8
U.S. Senate (34 States)	50.8	25.0	49.2	24.2	47.5	1.7	3.3	Dem.	.8	1.6
State Governor (22 States)	22.7	11.8	51.8	10.9	47.9	.1	.3	Dem.	.9	3.9
1972: President	77.7	29.2	37.5	47.2	60.7	1.4	1.8	Rep.	18.0	23.2
U.S. House of Rep. (401 dist.[2])	71.4	36.9	51.7	33.1	46.4	1.4	1.9	Dem.	3.8	5.3
U.S. Senate (34 States)	37.5	17.0	45.4	19.7	52.5	.8	2.1	Rep.	2.7	7.2
State Governor (21 States)	23.9	12.1	50.5	11.1	46.6	.7	2.9	Dem.	.9	3.9
1976: President	81.6	40.8	50.1	39.1	48.0	1.6	1.9	Dem.	1.7	2.1
U.S. House of Rep. (423 dist.[2])	74.4	41.9	56.3	31.3	42.0	1.3	1.7	Dem.	10.6	14.2
U.S. Senate (33 States)	58.9	32.0	54.4	25.8	43.8	1.1	1.8	Dem.	6.2	10.6
State Governor (14 States)	15.7	7.7	48.8	7.9	50.4	.1	.9	Rep.	.3	1.6
1980: [3] President	83.2	34.7	41.7	43.0	51.6	[4] 5.6	[4] 6.7	Rep.	8.3	10.0
U.S. House of Rep. (401 dist.[2])	72.8	36.0	49.5	35.7	49.0	1.1	1.5	Dem.	.4	.5
U.S. Senate (33 States)	56.8	29.3	51.6	26.4	46.5	1.0	1.8	Dem.	2.9	5.1
State Governor (13 States)	11.5	5.7	50.0	5.7	49.8	(z)	.2	Dem.	(z)	.2

Z Less than 50,000. [1] See headnote, table 832. [2] Number of districts in which votes were tabulated. [3] Based on unofficial returns. [4] Includes votes for John Anderson only.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 832. Percent Popular Vote Cast for President and for U.S. Congress by Party, and Party Composition of U.S. Congress, by Region: 1964 to 1980

[Dem. = Democratic Party, Rep. = Republican Party. Excludes minor parties and independents. For composition of regions, see fig. I, inside front cover]

Year and region	Percent vote cast for—						Party composition (seats held) [1]			
	President		House of Representatives		Senate		House of Representatives		Senate	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
1964, U.S.	**61.1**	**38.5**	**57.2**	**42.3**	**56.3**	**42.9**	**295**	**140**	**68**	**32**
Northeast	68.3	31.5	57.7	41.5	55.7	42.8	70	38	10	8
North Central	61.3	38.5	53.8	46.1	56.8	43.0	66	59	15	9
South	53.3	45.3	64.8	34.0	60.6	37.7	112	21	26	6
West	59.4	40.4	53.6	46.4	52.3	47.7	47	22	17	9
1968, U.S.	**42.7**	**43.4**	**50.0**	**48.2**	**49.2**	**47.5**	**243**	**192**	**57**	**43**
Northeast	50.2	43.0	48.4	46.7	39.2	50.9	64	44	8	10
North Central	43.7	46.8	45.8	54.1	49.5	50.2	46	79	13	11
South	33.5	36.4	60.9	37.9	57.2	40.4	97	36	22	10
West	43.7	48.7	45.7	53.2	52.5	46.4	36	33	14	12
1972, U.S.	**37.5**	**60.7**	**51.7**	**46.4**	**45.4**	**52.5**	**239**	**192**	**56**	**42**
Northeast	41.5	57.6	48.8	47.0	37.1	60.7	57	46	8	9
North Central	39.4	59.1	48.2	50.9	44.0	55.0	50	70	15	9
South	30.4	68.2	58.5	40.4	49.5	47.4	91	42	18	13
West	39.1	57.2	53.0	45.8	46.1	52.9	41	34	15	11
1976, U.S.	**50.1**	**48.0**	**56.3**	**42.0**	**54.4**	**43.8**	**292**	**143**	**61**	**38**
Northeast	50.9	47.5	56.3	41.8	54.2	44.7	73	31	10	8
North Central	48.3	49.7	52.3	46.7	53.3	44.5	68	53	16	8
South	54.0	44.8	61.9	36.2	59.0	39.5	100	34	22	9
West	45.7	51.0	54.7	43.0	51.2	45.9	51	25	13	13
1980, U.S.[2]	**41.7**	**51.6**	**49.5**	**49.0**	**51.6**	**46.5**	**242**	**192**	**46**	**53**
Northeast	42.4	48.4	49.4	48.9	47.1	47.5	58	45	9	9
North Central	41.4	51.9	47.8	51.9	54.2	45.5	58	63	10	14
South	45.3	51.4	53.7	45.0	50.6	49.0	87	47	18	13
West	35.5	55.5	47.3	49.4	53.3	44.7	39	37	9	17

[1] For beginning of the first session of Congress following the year shown. Excludes vacant seats. [2] Based on unofficial returns.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 833. Vote Cast for United States Senators, by Major Political Parties, by States: 1976 to 1980

[**In thousands, except percent.** Excludes elections to fill vacancies for unexpired term. 1980 data are unofficial]

State	1976				1978				1980			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
Alabama	(x)	(x)	(x)	(x)	582	547	-	94.0	1,255	604	639	50.9
Alaska	(x)	(x)	(x)	(x)	123	30	93	75.6	120	54	66	55.1
Arizona	741	400	321	54.0	(x)	(x)	(x)	(x)	856	418	426	49.8
Arkansas	(x)	(x)	(x)	(x)	522	400	85	76.6	796	473	323	59.4
California	7,472	3,503	3,749	50.2	(x)	(x)	(x)	(x)	7,876	4,638	3,038	58.9
Colorado	(x)	(x)	(x)	(x)	819	330	481	58.7	1,151	586	565	50.9
Connecticut	1,362	561	786	57.7	(x)	(x)	(x)	(x)	1,346	765	576	56.8
Delaware	225	98	126	55.8	162	94	66	58.0	(x)	(x)	(x)	(x)
Florida	2,858	1,800	1,058	63.0	(x)	(x)	(x)	(x)	3,377	1,644	1,733	51.3
Georgia	(x)	(x)	(x)	(x)	645	536	109	83.1	1,556	767	789	50.7
Hawaii	302	162	123	53.7	(x)	(x)	(x)	(x)	288	224	53	77.9
Idaho	(x)	(x)	(x)	(x)	284	90	194	68.4	440	214	219	49.7
Illinois	(x)	(x)	(x)	(x)	3,185	1,448	1,699	53.3	4,448	2,494	1,925	56.1
Indiana	2,171	879	1,276	58.8	(x)	(x)	(x)	(x)	2,165	1,000	1,165	53.8
Iowa	(x)	(x)	(x)	(x)	825	395	422	51.1	1,270	581	685	53.9
Kansas	(x)	(x)	(x)	(x)	749	318	403	53.9	933	338	595	63.8
Kentucky	(x)	(x)	(x)	(x)	477	291	176	61.0	1,102	720	382	65.3
Louisiana	(x)	(x)	(x)	(x)	([2])	([2])	([2])	([2])	([2])	([2])	([2])	([2])
Maine	486	293	193	60.2	375	127	212	56.6	(x)	(x)	(x)	(x)
Maryland	1,366	772	530	56.5	(x)	(x)	(x)	(x)	1,236	424	812	65.7
Massachusetts	2,491	1,727	723	69.3	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)
Michigan	3,491	1,831	1,635	52.5	2,847	1,484	1,362	52.1	(x)	(x)	(x)	(x)
Minnesota	1,912	1,291	479	67.5	1,581	638	894	56.6	(x)	(x)	(x)	(x)
Mississippi	554	554	-	100.0	584	185	263	45.1	(x)	(x)	(x)	(x)
Missouri	1,915	814	1,090	56.9	(x)	(x)	(x)	(x)	2,024	1,057	967	52.2
Montana	321	206	115	64.2	288	160	128	55.7	(x)	(x)	(x)	(x)
Nebraska	598	314	284	52.4	494	334	160	67.6	(x)	(x)	(x)	(x)
Nevada	202	127	63	63.0	(x)	(x)	(x)	(x)	246	92	144	58.5
New Hampshire	(x)	(x)	(x)	(x)	264	128	134	50.7	374	179	195	52.2
New Jersey	2,771	1,681	1,055	60.7	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)
New Mexico	413	176	235	56.8	344	160	183	53.4	(x)	(x)	(x)	(x)
New York	6,320	3,423	2,837	54.2	(x)	(x)	(x)	(x)	5,796	2,539	2,627	45.3
North Carolina	(x)	(x)	(x)	(x)	1,136	517	619	54.5	1,783	884	891	50.0
North Dakota	283	176	103	62.1	(x)	(x)	(x)	(x)	267	78	189	70.9
Ohio	3,921	1,941	1,824	49.5	(x)	(x)	(x)	(x)	3,861	2,731	1,129	70.8
Oklahoma	(x)	(x)	(x)	(x)	754	494	248	65.5	1,088	472	573	52.7
Oregon	(x)	(x)	(x)	(x)	893	342	550	61.6	1,113	492	578	51.9
Pennsylvania	4,546	2,127	2,382	52.4	(x)	(x)	(x)	(x)	4,361	2,104	2,239	51.3
Rhode Island	399	168	230	57.7	306	230	76	75.1	(x)	(x)	(x)	(x)
South Carolina	(x)	(x)	(x)	(x)	633	281	352	55.6	828	595	233	71.9
South Dakota	(x)	(x)	(x)	(x)	256	85	171	66.8	328	129	191	58.2
Tennessee	1,432	751	673	52.5	1,157	466	643	55.5	(x)	(x)	(x)	(x)
Texas	3,875	2,200	1,636	56.8	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)
Utah	540	242	290	53.7	(x)	(x)	(x)	(x)	584	150	434	74.2
Vermont	189	86	94	50.0	(x)	(x)	(x)	(x)	204	103	101	50.6
Virginia	1,558	596	[3] 891	[3] 57.2	1,222	609	613	50.2	(x)	(x)	(x)	(x)
Washington	1,491	1,071	362	71.8	(x)	(x)	(x)	(x)	1,535	702	833	54.3
West Virginia	567	566	-	99.9	493	249	244	50.5	(x)	(x)	(x)	(x)
Wisconsin	1,935	1,397	522	72.2	(x)	(x)	(x)	(x)	2,173	1,062	1,102	50.7
Wyoming	155	71	85	54.6	133	50	83	62.2	(x)	(x)	(x)	(x)

- Represents zero. X Not applicable. [1] Includes vote cast for minor parties. [2] Unopposed Democrat; no vote tallied since name not printed on ballot. [3] Represents vote cast for independent candidate.

Source: 1976 and 1978, Elections Research Center, Washington, D.C., *America Votes*, vol. 13 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 834. Apportionment of Membership in House of Representatives, by States, 1800 to 1970, and Illustrative Reapportionment Based on 1979 Population Estimates

[Total membership includes Representatives assigned to newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment.* See also *Historical Statistics, Colonial Times to 1970,* series Y 220-271]

STATE	MEMBERSHIP BASED ON CENSUS OF—																	
	1800 [1]	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1979 [2]
Total	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	435	435
Ala	(x)	[3] 1	3	5	7	7	6	8	8	9	9	10	9	9	9	8	7	7
Alaska	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	1
Ariz	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[4] 1	1	2	2	3	4	5
Ark	(x)	(x)	(x)	[3] 1	1	2	3	4	5	6	7	7	7	7	6	4	4	4
Calif	(x)	(x)	(x)	(x)	[3] 2	2	3	4	6	7	8	11	20	23	30	38	43	45
Colo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	2	3	4	4	4	4	4	5	6
Conn	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	6	6
Del	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fla	(x)	(x)	(x)	(x)	[3] 1	1	1	2	2	2	3	4	5	6	8	12	15	18
Ga	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10
Hawaii	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	2	2	2
Idaho	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	2	2	2	2	2	2	2
Ill	(x)	[3] 1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22
Ind	(x)	[3] 1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	11	11
Iowa	(x)	(x)	(x)	(x)	[3] 2	2	6	9	11	11	11	11	9	8	8	7	6	6
Kans	(x)	(x)	(x)	(x)	(x)	(x)	1	3	7	8	8	8	7	6	6	5	5	5
Ky	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7
La	(x)	[3] 1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8
Maine	(x)	(x)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2
Md	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8
Mass	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	12	12	11
Mich	(x)	(x)	(x)	[3] 1	3	4	6	9	11	12	12	13	17	17	18	19	19	18
Minn	(x)	(x)	(x)	(x)	(x)	[3] 2	2	3	5	7	9	10	9	9	9	8	8	8
Miss	(x)	[3] 1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5
Mo	(x)	(x)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	10
Mont	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	2	2	2	2	2	2	2
Nebr	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	3	6	6	6	5	4	4	3	3	3
Nev	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	1	1	1	1	1	1	1	1	1
N.H	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2
N.J	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	15	14
N. Mex	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[4] 1	1	2	2	2	2	3
N.Y	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	35
N.C	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	11	11	11
N. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	2	3	2	2	2	2	1	1
Ohio	[3] 1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21
Okla	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 5	8	9	8	6	6	6	6
Oreg	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	1	2	2	3	3	4	4	4	4	5
Pa	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	25	23
R.I	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
S.C	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	6	6
S. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 2	2	2	3	2	2	2	2	2	1
Tenn	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	9
Tex	(x)	(x)	(x)	(x)	[3] 2	2	4	6	11	13	16	18	21	21	22	23	24	26
Utah	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	2	2	2	2	2	2	3
Vt	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1
Va	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10
Wash	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	2	3	5	6	6	7	7	7	8
W. Va	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3	4	4	5	6	6	6	6	5	4	4
Wis	(x)	(x)	(x)	(x)	[3] 2	3	6	8	9	10	11	11	10	10	10	10	9	9
Wyo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[3] 1	1	1	1	1	1	1	1	1	1

X Not applicable. [1] Membership based on 1790 census as follows: Conn., 7; Del., 1; Ga., 2; Ky., 2; Md., 8; Mass., 14; N.H., 4; N.J., 5; N.Y., 10; N.C., 10; Pa., 13; R.I., 2; S.C., 6; Tenn., 1 (assigned after apportionment); Vt., 2; and Va., 19. [2] This apportionment was calculated for illustrative purposes only and is based on 1979 population estimates. The figures do provide a general indication of the impact of population changes since 1970. The population estimates are subject to error and even small differences between 1979 estimates and the 1980 census counts, which will be the basis for the official apportionment for the 1980's, can affect the distribution of Congressional seats. [3] Assigned after apportionment. [4] Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and *Current Population Reports,* series P-25, No. 876.

No. 835. Population, 1960 and 1970, of Congressional Districts for the 88th and 96th Congresses, by Differences in Size—States

[As of April 1. Based on total resident population]

State	Districts of 88th Congress, 1960 population					Districts of 96th Congress, 1970 population					Year of last redistricting prior to 96th Congress
	Average (1,000)	Smallest district		Largest district		Average (1,000)	Smallest district		Largest district		
		Number (1,000)	Percent below average	Number (1,000)	Percent above average		Number (1,000)	Percent below average	Number (1,000)	Percent above average	
United States [1]	**410**	**177**	**56.8**	**952**	**131.8**	**465**	**302**	**35.1**	**618**	**32.7**	(x)
Alabama	[2] 3,267	(x)	(x)	(x)	(x)	492	490	.5	494	.3	1972
Alaska [3]	[4] 226	(x)	(x)	(x)	(x)	[4] 302	(x)	(x)	(x)	(x)	(x)
Arizona	434	198	54.3	664	52.9	443	443	.1	444	.1	1971
Arkansas	447	333	25.5	575	28.8	481	480	.2	481	.1	1971
California	414	302	27.0	589	42.4	464	463	.4	467	.5	1973
Colorado	438	196	55.4	654	49.1	441	439	.5	442	.2	1972
Connecticut	507	319	37.1	690	36.0	505	505	(z)	505	(z)	1972
Delaware [3]	[4] 446	(x)	(x)	(x)	(x)	[4] 548	(x)	(x)	(x)	(x)	(x)
Florida	413	237	42.5	660	60.0	453	452	.1	453	.1	1972
Georgia	394	272	31.0	824	108.9	459	456	.7	461	.4	1972
Hawaii	[5] 633	(x)	(x)	(x)	(x)	385	362	5.9	408	5.9	1969
Idaho	334	257	22.9	410	22.9	357	356	.1	357	.1	1971
Illinois	420	279	33.6	553	31.6	463	460	.7	466	.6	1971
Indiana	424	291	31.4	698	64.6	472	472	.1	473	.1	1972
Iowa	394	353	10.4	442	12.3	471	469	.4	472	.2	1971
Kansas	436	374	14.3	540	23.8	450	447	.6	454	.9	1971
Kentucky	434	351	19.2	611	40.8	460	459	.2	461	.2	1972
Louisiana	407	264	35.2	536	31.7	455	455	.1	456	.2	1972
Maine	485	464	4.3	505	4.3	497	496	.2	498	.2	1971
Maryland	443	244	45.0	711	60.5	490	483	1.6	495	1.0	1972
Massachusetts	429	376	12.3	479	11.6	474	469	1.0	477	.6	1971
Michigan	435	177	59.2	803	84.8	467	465	.4	468	.1	1972
Minnesota	427	375	12.0	483	13.2	476	473	.6	479	.8	1971
Mississippi	436	295	32.3	608	39.7	443	434	2.2	452	1.9	1972
Missouri	432	378	12.4	507	17.3	468	467	.2	470	.4	1972
Montana	337	274	18.7	401	18.7	347	347	.1	347	.1	1971
Nebraska	470	405	14.0	531	12.8	495	494	.1	495	.1	1968
Nevada [3]	[4] 285	(x)	(x)	(x)	(x)	[4] 489	(x)	(x)	(x)	(x)	(x)
New Hampshire	303	275	9.3	332	9.3	369	367	.5	371	.5	1972
New Jersey	404	255	36.9	586	44.8	478	475	.6	480	.4	1972
New Mexico	[5] 951	(x)	(x)	(x)	(x)	508	505	.6	511	.6	1968
New York	409	350	14.4	471	15.1	468	467	.2	469	.3	1974
North Carolina	414	278	32.9	491	18.7	462	454	1.7	472	2.1	1972
North Dakota	316	299	5.4	333	5.4	[6] 618	(x)	(x)	(x)	(x)	(x)
Ohio	422	236	44.0	726	72.1	463	462	.2	465	.3	1972
Oklahoma	388	228	41.3	553	42.5	427	426	.2	427	.2	1972
Oregon	442	265	40.0	523	18.2	523	522	.1	523	.1	1971
Pennsylvania	419	303	27.7	553	31.9	472	468	.8	478	1.4	1972
Rhode Island	430	400	7.0	460	7.0	475	474	.1	475	.1	1972
South Carolina	397	272	31.4	532	33.9	432	411	4.8	446	3.4	1971
South Dakota	340	183	46.3	498	46.3	333	333	(z)	333	(z)	1971
Tennessee	396	223	43.6	627	58.2	491	472	3.7	513	4.6	1972
Texas	435	216	50.3	952	118.5	467	466	.1	467	.1	1973
Utah	445	318	28.6	573	28.6	530	530	(z)	530	(z)	1971
Vermont [3]	[4] 390	(x)	(x)	(x)	(x)	[4] 445	(x)	(x)	(x)	(x)	(x)
Virginia	397	313	21.1	540	36.0	465	463	.4	466	.2	1972
Washington	408	343	16.0	511	25.2	487	478	1.8	523	7.3	1972
West Virginia	372	303	18.5	422	13.4	436	434	.4	438	.4	1971
Wisconsin	395	237	40.1	530	34.2	491	491	(z)	491	(z)	1971
Wyoming [3]	[4] 330	(x)	(x)	(x)	(x)	[4] 332	(x)	(x)	(x)	(x)	(x)

X Not applicable. Z Less than .05 percent. [1] Excludes District of Columbia; see text, p. 497. [2] Total State population; 8 Representatives elected at large. [3] 1 Representative elected at large. [4] Total State population. [5] Total State population; 2 Representatives elected at large. [6] Total State population; 1 Representative elected at large.

Source: U.S. Bureau of the Census, *Congressional District Data Book, Districts of the 93d Congress*, and reports for *Districts of the 94th Congress* for California, New York, and Texas.

No. 836. Vote Cast for United States Representatives, by Major Political Parties, by States: 1976 to 1980

[**In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Alaska, Delaware, Nevada, North Dakota, Vermont, and Wyoming, only 1 Representative was elected for the State at large. In numerous States, one or other of the major parties had no candidate in some districts. In those cases where votes of a party as such are cast in endorsement of a candidate of another party, votes are counted as for the endorsing party. 1980 data unofficial. See also *Historical Statistics, Colonial Times to 1970,* series Y 211-214]

STATE	1976				1978				1980			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
Total [2]	**74,422**	**41,864**	**31,264**	**56.3**	**54,693**	**29,282**	**24,624**	**53.5**	**72,796**	**36,047**	**35,672**	**49.5**
Ala. [3]	984	667	315	67.8	642	440	197	68.4	882	509	340	57.7
Alaska	118	34	84	70.8	124	55	69	55.4	118	30	87	74.2
Ariz	729	356	340	48.8	519	262	231	50.4	841	389	429	51.0
Ark. [4] [5]	336	261	75	77.6	293	98	195	66.6	200	42	158	79.0
Calif	7,454	4,144	3,220	55.6	6,526	3,335	3,106	51.1	7,987	3,613	4,104	51.4
Colo	1,021	455	537	53.1	785	369	402	51.2	1,148	505	619	53.9
Conn	1,348	682	651	50.6	1,021	592	423	58.0	1,315	687	628	52.3
Del	215	102	111	51.5	158	65	92	58.2	217	82	134	61.6
D.C	160	123	22	77.3	96	77	12	79.5	(NA)	(NA)	(NA)	(NA)
Fla. [4] [6]	2,083	1,126	937	54.1	1,620	948	672	58.5	2,927	1,723	1,204	58.9
Ga. [3]	1,253	931	322	74.3	589	472	116	80.2	1,143	772	371	67.6
Hawaii	294	184	78	62.7	253	203	40	80.1	281	240	20	85.4
Idaho	342	162	180	52.6	285	118	167	58.6	415	182	233	56.1
Ill	4,366	2,247	2,113	51.5	3,044	1,465	1,577	51.8	4,365	1,981	2,383	54.6
Ind	2,103	1,166	932	55.5	1,449	752	681	51.9	2,149	1,068	1,079	50.2
Iowa	1,242	709	527	57.1	812	403	406	50.1	1,255	636	617	50.7
Kans	909	349	545	60.0	676	233	441	65.2	918	402	516	56.2
Ky. [5]	989	606	374	61.2	477	265	208	55.5	806	369	436	54.0
La	1,014	624	365	61.5	[7] 131	[7] 66	[7] 65	[7] 50.1	[7] 162	[7] 162	–	([7])
Maine	473	151	315	66.5	370	141	209	56.5	510	138	373	73.0
Md	1,316	789	473	60.0	924	604	313	65.4	1,355	838	517	61.9
Mass. [3]	2,345	1,510	723	64.4	1,809	1,249	472	69.0	1,828	1,070	758	58.6
Mich	3,432	1,898	1,503	55.3	2,708	1,539	1,150	56.8	3,556	1,873	1,628	52.7
Minn	1,795	1,040	730	58.0	1,526	779	712	51.1	1,818	866	948	52.2
Miss. [3]	637	375	257	59.0	519	252	236	48.5	648	288	303	46.8
Mo	1,905	1,081	812	56.7	1,546	967	576	62.5	2,020	1,096	924	54.3
Mont	321	180	140	56.2	283	143	140	50.6	313	164	149	52.5
Nebr	602	211	386	64.1	495	184	311	62.8	617	165	445	72.2
Nev	200	154	24	77.1	191	133	44	69.5	244	165	63	67.5
N.H	325	174	149	53.4	258	122	134	51.7	363	177	186	51.2
N.J	2,811	1,539	1,218	54.7	1,934	1,044	838	54.0	2,620	1,280	1,313	50.1
N. Mex	401	185	215	53.5	285	166	118	58.5	400	172	123	43.0
N.Y. [8]	5,991	3,501	2,342	58.4	4,379	2,275	1,983	51.9	5,396	2,672	2,598	49.5
N.C. [3]	1,572	1,011	549	64.3	1,020	607	406	59.5	1,616	848	765	52.5
N. Dak	290	104	181	62.4	220	68	148	67.1	290	166	125	57.1
Ohio [3]	3,842	1,818	1,917	49.9	2,780	1,278	1,472	52.9	3,671	1,538	2,126	57.9
Okla. [4] [9]	1,068	683	372	64.0	589	331	258	56.2	829	436	388	52.6
Oreg	927	599	263	64.7	874	587	258	67.2	1,078	640	427	59.3
Pa. [3]	4,434	2,410	2,007	54.4	3,542	1,805	1,711	51.0	4,136	2,041	2,004	49.3
R.I	389	271	114	69.7	308	174	134	56.6	370	204	166	55.2
S.C	784	502	279	64.1	577	379	183	65.6	824	407	395	49.4
S. Dak	295	73	221	75.0	256	120	135	53.0	318	173	145	54.4
Tenn. [3]	1,251	775	453	62.9	1,062	581	449	54.7	1,062	552	490	52.0
Tex. [3]	3,663	2,369	1,277	64.7	2,182	1,285	888	58.9	3,470	1,858	1,561	53.5
Utah	544	267	251	49.0	379	163	207	54.5	580	231	349	60.2
Vt	185	60	124	67.4	121	23	91	75.3	194	–	153	79.2
Va. [3]	1,463	666	670	45.8	1,057	444	595	56.3	1,132	365	733	64.7
Wash	1,426	818	586	57.4	979	507	451	51.8	1,438	723	698	50.3
W. Va	663	447	157	67.3	443	291	152	65.7	681	388	293	57.0
Wis	1,962	1,190	761	60.7	1,450	769	676	53.0	2,123	1,067	1,052	50.3
Wyo	152	86	66	56.4	129	54	76	58.6	170	53	116	68.6

– Represents zero. NA Not available. [1] Includes vote cast for minor parties. [2] Includes vote cast for Delegate at Large in District of Columbia. [3] 1980 data not available for unopposed candidates in the following number of districts: Ala. 1, Ga. 2, Ky. 2, Mass. 3, Miss. 1, N.C. 1, Ohio 2, Pa. 1, Tenn. 2, Tex. 4, and Va. 3. [4] State law does not require tabulation of votes for unopposed candidates. [5] 1976 data for 1st and 2d Districts; 1978 data for 2d and 3d Districts; 1980 data for 2d District only. [6] In 1976, Districts 1, 2, 3, and 4 were unopposed; in 1978, Districts 3, 7, 8, 10, and 13 were unopposed; in 1980, District 6 was unopposed. [7] Results for District 4 only. In 1980 there were 2 Democratic candidates. [8] Includes endorsing votes cast by other parties for Democratic and Republican candidates. [9] In 1978 and 1980, District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. 1976 and 1978 from Elections Research Center, Washington, D.C., *America Votes,* vol. 13 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report,* vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 837. Representatives Elected, by Percent of Vote Cast for Winner and Major Party, 1970 to 1980, and by States, 1980

Year and State	Total representatives elected				Democrats elected				Republicans elected				Representatives elected with no major party opposition		
		Percentage of vote				Percentage of vote				Percentage of vote					
	Total	Under 55	55-59.9	60 and over	Total	Under 55	55-59.9	60 and over	Total	Under 55	55-59.9	60 and over	Total	Democrats	Republicans
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	[1] 435	[1] 67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980, total [2]	**[1] 435**	**[1] 82**	**59**	**294**	**242**	**38**	**30**	**174**	**192**	**43**	**29**	**120**	**54**	**39**	**15**
Ala	7	1	-	6	4	-	-	4	3	1	-	2	4	3	1
Alaska	1	-	1	-	-	-	-	-	1	-	1	-	-	-	-
Ariz	4	-	1	3	2	-	1	1	2	-	-	2	-	-	-
Ark	4	-	-	4	2	-	-	2	2	-	-	2	3	2	1
Calif	43	10	4	29	22	3	4	15	21	7	-	14	-	-	-
Colo	5	1	2	2	3	1	2	-	2	-	-	2	-	-	-
Conn	6	3	1	2	4	2	1	1	2	1	-	1	-	-	-
Del	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-
Fla	15	1	2	12	11	-	1	10	4	1	1	2	1	-	1
Ga	10	-	1	9	9	-	-	9	1	-	1	-	2	2	-
Hawaii	2	-	-	2	2	-	-	2	-	-	-	-	1	1	-
Idaho	2	1	1	-	-	-	-	-	2	1	1	-	-	-	-
Ill	24	1	1	22	10	1	-	9	14	-	1	13	-	-	-
Ind	11	4	2	5	6	3	1	2	5	1	1	3	-	-	-
Iowa	6	2	2	2	3	1	1	1	3	1	1	1	-	-	-
Kans	5	1	1	3	1	-	-	1	4	1	1	2	-	-	-
Ky	7	-	1	6	4	-	-	4	3	-	1	2	2	2	-
La	8	-	-	8	6	-	-	6	2	-	-	2	8	6	2
Maine	2	-	-	2	-	-	-	-	2	-	-	2	-	-	-
Md	8	1	2	5	7	1	2	4	1	-	-	1	-	-	-
Mass	12	2	-	10	10	2	-	8	2	-	-	2	3	3	-
Mich	19	5	2	12	12	3	1	8	7	2	1	4	2	1	1
Minn	8	2	1	5	3	-	1	2	5	2	-	3	-	-	-
Miss	5	1	-	4	3	-	-	3	2	1	-	1	1	1	-
Mo	10	-	3	7	6	-	1	5	4	-	2	2	-	-	-
Mont	2	-	1	1	1	-	-	1	1	-	1	-	-	-	-
Nebr	3	1	-	2	-	-	-	-	3	1	-	2	-	-	-
Nev	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-
N.H	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
N.J	15	4	3	8	8	2	1	5	7	2	2	3	-	-	-
N. Mex	2	2	-	-	-	-	-	-	2	2	-	-	-	-	-
N.Y	39	7	6	26	22	4	3	15	17	3	3	11	-	4	4
N.C	11	4	2	5	7	2	1	4	4	2	1	1	1	1	-
N. Dak	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-
Ohio	23	3	4	16	10	2	2	6	13	1	2	10	2	2	-
Okla	6	2	1	3	5	2	1	2	1	-	-	1	1	1	-
Oreg	4	2	-	2	3	1	-	2	1	1	-	-	-	-	-
Pa	[1] 25	[1] 6	2	17	12	2	1	9	12	3	1	8	2	1	1
R.I	2	-	1	1	1	-	-	1	1	-	1	-	-	-	-
S.C	6	2	1	3	2	-	-	2	4	2	1	1	2	1	1
S. Dak	2	-	1	1	1	-	-	1	1	-	1	-	-	-	-
Tenn	8	-	-	8	5	-	-	5	3	-	-	3	3	1	2
Texas	24	5	2	17	19	3	2	14	5	2	-	3	6	6	-
Utah	2	1	-	1	-	-	-	-	2	1	-	1	-	-	-
Vt	1	-	-	1	-	-	-	-	1	-	-	1	1	-	1
Va	10	2	1	7	1	-	-	1	9	2	1	6	5	1	4
Wash	7	2	2	3	5	2	1	2	2	-	1	1	-	-	-
W. Va	4	1	1	2	2	-	-	2	2	1	1	-	-	-	-
Wis	9	2	2	5	5	1	1	3	4	1	1	2	-	-	-
Wyo	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-

- Represents zero. [1] Includes one Representative elected as an Independent. [2] Data unofficial.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 13, March 1979 and vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 838. Composition of Congress, by Political Party: 1939 to 1981

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; exclude vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

Year	Party and President	Congress	House			Senate		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 [1]	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 [2]	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 [2 3]	R (Nixon) [4]	93d	D-239	R-192	1	D-56	R-42	2
1975 [5]	R (Ford) [4]	94th	D-291	R-144	-	D-60	R-37	2
1977 [6]	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 [6]	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 [7]	R (Reagan)	97th	D-242	R-192	1	R-53	D-46	1

- Represents zero. [1] Includes Hawaii; members seated Aug. 1959. [2] Senate had 1 Independent and 1 Conservative-Republican. [3] House had 1 Independent-Democrat. [4] Nixon resigned Aug. 1974. [5] Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). [6] Senate had 1 Independent. [7] Senate and House each had 1 Independent.

Source: 1939-1979, U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial. 1981, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 839. Congressional Bills, Acts, and Resolutions: 1963 to 1979

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

Item	88th Cong., 1963-64	89th Cong., 1965-66	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979
Measures introduced	17,480	24,003	26,460	26,303	22,969	23,396	21,096	19,387	9,024
Bills	16,079	22,483	24,786	24,631	21,363	21,950	19,762	18,045	8,420
Joint resolutions	1,401	1,520	1,674	1,672	1,606	1,446	1,334	1,342	604
Measures enacted	1,026	1,283	1,002	941	768	774	729	803	230
Public	666	810	640	695	607	651	588	633	187
Private	360	473	362	246	161	123	141	170	43

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 840. Congressional Bills Vetoed: 1923 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

Period	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon [1]	42	24	18	36	6
1974-1977	Ford [1]	72	53	19	60	12
1977-1979	Carter	20	7	13	20	-

- Represents zero. [1] Nixon resignation effective August 8, 1974.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968;* U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 841. Composition of Congress, by Political Party Affiliations, by States: 1975 to 1981

[Figures are for the beginning of the first session. Dem. = Democratic; Rep. = Republican]

State	Representatives								Senators							
	94th Cong., 1975		95th Cong., 1977		96th Cong.,[1] 1979		97th Cong.,[2] 1981		94th Cong.,[3 4] 1975		95th Cong.,[3] 1977		96th Cong.,[5] 1979		97th Cong.,[5] 1981	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Total	**291**	**144**	**292**	**143**	**276**	**157**	**242**	**192**	**60**	**37**	**61**	**38**	**58**	**41**	**46**	**53**
Ala	4	3	4	3	4	3	4	3	2	-	2	-	2	-	1	1
Alaska	-	1	-	1	-	1	-	1	1	1	1	1	1	1	-	2
Ariz	1	3	2	2	2	2	2	2	-	2	1	1	1	1	1	1
Ark	3	1	3	1	2	2	2	2	2	-	2	-	2	-	2	-
Calif	28	15	29	14	25	17	22	21	2	-	1	1	1	1	1	1
Colo	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Conn	4	2	4	2	5	1	4	2	1	1	1	1	1	1	1	1
Del	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Fla	10	5	10	5	12	3	11	4	2	-	2	-	2	-	1	1
Ga	10	-	10	-	9	1	9	1	2	-	2	-	2	-	1	1
Hawaii	2	-	2	-	2	-	2	-	1	1	2	-	2	-	2	-
Idaho	-	2	-	2	-	2	-	2	1	1	1	1	1	1	-	2
Ill	13	11	12	12	11	13	10	14	1	1	1	1	1	1	1	1
Ind	9	2	8	3	7	4	6	5	2	-	1	1	1	1	-	2
Iowa	5	1	4	2	3	3	3	3	2	-	2	-	1	1	-	2
Kans	1	4	2	3	1	4	1	4	-	2	-	2	-	2	-	2
Ky	5	2	5	2	4	3	4	3	2	-	2	-	2	-	2	-
La	6	2	6	2	5	3	6	2	2	-	2	-	2	-	2	-
Maine	-	2	-	2	-	2	-	2	2	-	2	-	1	1	1	1
Md	5	3	5	3	6	2	7	1	-	2	1	1	1	1	1	1
Mass	10	2	10	2	10	2	10	2	1	1	1	1	2	-	2	-
Mich	12	7	11	8	13	6	12	7	1	1	1	1	2	-	2	-
Minn	5	3	5	3	4	4	3	5	2	-	2	-	-	2	-	2
Miss	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Mo	9	1	8	2	8	2	6	4	2	-	1	1	1	1	1	1
Mont	2	-	1	1	1	1	1	1	2	-	2	-	2	-	2	-
Nebr	-	3	1	2	1	2	-	3	-	2	1	1	2	-	2	-
Nev	1	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1
N.H	1	1	1	1	1	1	1	1	1	-	2	-	1	1	-	2
N.J	12	3	11	4	10	5	8	7	1	1	1	1	2	-	2	-
N. Mex	1	1	1	1	1	1	-	2	1	1	-	2	-	2	-	2
N.Y	27	12	28	11	26	13	22	17	-	1	1	1	1	1	1	1
N.C	9	2	9	2	9	2	7	4	1	1	1	1	1	1	-	2
N. Dak	-	1	-	1	-	1	1	-	1	1	1	1	1	1	1	1
Ohio	8	15	10	13	10	13	10	13	1	1	2	-	2	-	2	-
Okla	6	-	5	1	5	1	5	1	-	2	-	2	1	1	1	1
Oreg	4	-	4	-	4	-	3	1	-	2	-	2	-	2	-	2
Pa	14	11	17	8	15	10	12	12	-	2	-	2	-	2	-	2
R.I	2	-	2	-	2	-	1	1	2	-	1	1	1	1	1	1
S.C	5	1	5	1	4	2	2	4	1	1	1	1	1	1	1	1
S. Dak	-	2	-	2	1	1	1	1	2	-	2	-	1	1	-	2
Tenn	5	3	5	3	5	3	5	3	-	2	1	1	1	1	1	1
Texas	21	3	22	2	20	4	19	5	1	1	1	1	1	1	1	1
Utah	2	-	1	1	1	1	-	2	1	1	-	2	-	2	-	2
Vt	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Va	5	5	4	6	4	6	1	9	-	1	-	1	-	1	-	1
Wash	6	1	6	1	6	1	5	2	2	-	2	-	2	-	1	1
W. Va	4	-	4	-	4	-	2	2	2	-	2	-	2	-	2	-
Wis	7	2	7	2	6	2	5	4	2	-	2	-	2	-	1	1
Wyo	1	-	1	-	-	1	-	1	1	1	-	2	-	2	-	2

- Represents zero. [1] Calif. and Wis. each had 1 vacancy. [2] Pa. had 1 Rep. classified Independent. [3] N.Y. had 1 Senator classified Conservative-Republican and Va. had 1 Senator classified Independent. [4] One Senate seat (N.H.) was undecided at beginning of session; subsequently became Democratic. [5] Va. had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial; 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 842. Members of Congress—Incumbents Re-elected: 1956 to 1978

Item	Presidential-year elections						Midterm elections					
	1956	1960	1964	1968	1972	1976	1958	1962	1966	1970	1974	1978
Representatives:												
Incumbent candidates	411	405	397	409	390	384	396	402	411	401	391	382
Re-elected	389	375	344	396	365	368	356	368	362	379	343	358
Percent of candidates	94.6	92.6	86.6	96.8	93.6	95.8	89.9	91.5	88.1	94.5	87.7	93.7
Defeated: In primaries	6	[1] 5	8	4	12	3	3	12	8	10	8	5
In general elections	16	25	45	9	13	13	37	22	41	12	40	19
Senators:												
Incumbent candidates	29	29	33	28	27	25	28	35	32	31	27	25
Re-elected	25	28	28	20	20	16	18	29	28	24	23	15
Percent of candidates	86.2	96.6	84.8	71.4	74.1	64.0	64.3	82.9	87.5	77.4	85.2	60.0
Defeated: In primaries	-	-	1	4	2	-	-	1	3	1	2	3
In general elections	4	1	4	4	5	9	10	5	1	6	2	7

- Represents zero. [1] Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death.

Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 14, April 5, 1980 (copyright).

No. 843. Members of Congress—Selected Characteristics: 1969 to 1979

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

Members of Congress and year	Male	Female	Race			Married	Not married [1]	Age (in years)					
			White	Black	Other			Under 40	40-49	50-59	60-69	70-79	80 and over
REPRESENTATIVES													
91st Cong., 1969	425	10	424	9	2	406	29	39	160	140	80	13	3
92d Cong., 1971	421	12	419	12	2	407	26	40	133	152	86	19	3
93d Cong., 1973	419	14	416	15	2	399	34	45	132	154	80	20	2
94th Cong., 1975	416	19	417	15	3	381	54	69	138	137	75	14	2
95th Cong., 1977	417	18	417	16	2	379	56	81	121	147	71	15	-
96th Cong., 1979	417	16	414	16	3	364	69	86	125	145	63	14	-
SENATORS													
91st Cong., 1969	99	1	97	1	2	97	3	5	25	28	29	13	-
92d Cong., 1971	99	1	97	1	2	97	3	4	24	32	23	16	1
93d Cong., 1973	100	-	97	1	2	96	4	3	25	37	23	11	1
94th Cong., 1975 [2]	100	-	97	1	2	94	6	5	21	35	24	15	-
95th Cong., 1977	100	-	96	1	3	91	9	6	26	35	21	10	2
96th Cong., 1979	99	1	98	-	2	95	5	10	31	33	17	8	1

- Represents zero. [1] Single, widowed, or divorced. [2] Includes Sen. Durkin, N.H., seated Sept. 1975.

No. 844. Members of Congress—Seniority and Occupation: 1975 to 1980

[As of beginning of first session except 96th Congress, 1980, as of second session. Dem. = Democratic; Rep. = Republican]

Seniority and occupation	Representatives						Senators					
	94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	96th Cong., 1980			94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	96th Cong., 1980		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total	**435**	**435**	[1] 435	[2] 435	**275**	**159**	**100**	**100**	**100**	[3] 100	**58**	**41**
Seniority:												
Less than 2 years	96	71	80	79	42	37	11	18	20	18	8	10
2-9 years	162	207	206	207	138	69	41	41	41	43	26	17
10-19 years	125	116	105	106	61	45	34	24	23	[3] 22	11	10
20-29 years	42	33	32	32	24	8	10	12	12	13	10	3
30 years or more	10	8	10	10	10	-	4	5	4	4	3	1
Occupation: [4]												
Agriculture	31	16	19	19	10	9	10	9	6	6	2	4
Business or banking	140	118	127	127	71	56	22	24	29	29	15	14
Education	64	70	57	57	44	13	10	8	7	7	4	3
Journalism	24	27	11	11	6	5	5	6	2	[3] 2	1	-
Law	221	222	205	205	133	72	67	68	65	65	43	22
Public service/Politics [5]	346	60	41	42	21	21	94	17	12	12	7	5

- Represents zero. [1] Includes 2 vacancies. [2] Includes 1 vacancy. [3] Includes 1 independent. [4] Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Washington Information Directory, 1980-81*, May 1980, and *Congressional Quarterly Weekly Report*, No. 2, Jan. 13, 1979, and previous issues (copyright). Members of Congress may state more than 1 occupation; therefore, sum may be greater than total. [5] Beginning 95th Congress, data not comparable with 94th Congress because of change in criteria.

Source of tables 843 and 844: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial. Data for 1980 unpublished.

NO. 845. ELECTED STATE AND LOCAL GOVERNMENT OFFICIALS, BY REGIONS: 1977

[For composition of regions, see fig. I, inside front cover. For explanation of methodology, see Appendix III]

TYPE OF GOVERNMENT	Number of governments	Total elected officials	Average per government	ELECTED OFFICIALS IN—			
				Northeast	No. Central	South	West
Total	**79,912**	**490,265**	**6.1**	**102,187**	**224,400**	**102,327**	**61,351**
State governments	50	15,294	305.9	3,362	3,952	5,404	2,576
Local governments [1]	79,862	474,971	6.0	98,825	220,448	96,923	58,775
Counties	3,042	62,922	20.7	3,201	25,865	27,805	6,051
Municipalities	18,862	134,017	7.1	20,723	59,577	39,782	13,935
Townships	16,822	118,966	7.1	47,495	71,471	-	-
School districts	15,174	87,062	5.7	18,404	36,683	17,445	14,530
Special districts	25,962	72,377	2.8	9,351	26,859	11,891	24,276

- Represents zero. [1] Adjusted to exclude officials serving both county and township or city governments.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 2, *Popularly Elected Officials of State and Local Governments.*

NO. 846. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATES: 1974 TO 1980

[**In thousands, except percent.** D=Democratic, R=Republican, I = Independent. 1980 data unofficial]

STATE	1974		1976		1978		1980		Candidate elected at most recent election
	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	
Alabama	598	D-83.2	(x)	(x)	760	D-72.6	(x)	(x)	Forrest H. James.
Alaska	96	R-47.7	(x)	(x)	127	R-39.1	(x)	(x)	Jay S. Hammond.
Arizona	552	D-50.4	(x)	(x)	539	D-52.5	(x)	(x)	Bruce Babbitt.
Arkansas	546	D-65.6	727	D-83.2	529	D-63.3	825	R-51.9	Frank D. White.
California	6,248	D-50.1	(x)	(x)	6,922	D-56.0	(x)	(x)	Edmund Brown, Jr.
Colorado	829	D-53.2	(x)	(x)	824	D-58.8	(x)	(x)	Richard D. Lamm.
Connecticut	1,103	D-58.4	(x)	(x)	1,037	D-59.2	(x)	(x)	Ella T. Grasso.
Delaware	(x)	(x)	230	R-56.9	(x)	(x)	227	R-70.5	Pierre S. du Pont.
Florida	1,828	D-61.2	(x)	(x)	2,530	D-55.6	(x)	(x)	Robert Graham.
Georgia	936	D-69.1	(x)	(x)	663	D-80.7	(x)	(x)	George Busbee.
Hawaii	250	D-54.6	(x)	(x)	282	D-54.5	(x)	(x)	George R. Ariyoshi.
Idaho	260	D-70.9	(x)	(x)	289	D-74.5	(x)	(x)	John V. Evans.
Illinois	(x)	(x)	4,639	R-64.7	3,150	R-59.0	(x)	(x)	James R. Thompson.
Indiana	(x)	(x)	2,175	R-56.8	(x)	(x)	2,132	R-57.8	Robert D. Orr.
Iowa	920	R-58.1	(x)	(x)	843	R-58.3	(x)	(x)	Robert Ray.
Kansas	784	R-49.5	(x)	(x)	736	D-49.4	(x)	(x)	John Carlin.
Kentucky [2]	748	D-62.8	(x)	(x)	939	D-59.4	(x)	(x)	John Y. Brown.
Louisiana	[3] 1,203	[3] 62.4	(x)	(x)	[4] 1,372	[4] R-50.3	(x)	(x)	David C. Treen.
Maine	364	I-39.1	(x)	(x)	370	D-47.7	(x)	(x)	Joseph E. Brennan.
Maryland	949	D-63.5	(x)	(x)	1,012	D-71.0	(x)	(x)	Harry Hughes.
Massachusetts	1,855	D-53.4	(x)	(x)	1,962	D-52.5	(x)	(x)	Edward J. King.
Michigan	2,657	R-51.1	(x)	(x)	2,867	R-56.8	(x)	(x)	William Milliken.
Minnesota	1,253	D-62.8	(x)	(x)	1,586	R-52.3	(x)	(x)	Albert H. Quie.
Mississippi [2]	708	D-52.2	(x)	(x)	677	D-61.1	(x)	(x)	William Winter.
Missouri	(x)	(x)	1,934	D-50.2	(x)	(x)	2,047	R-52.7	Christopher S. Bond.
Montana	(x)	(x)	317	D-61.7	(x)	(x)	334	D-55.4	Ted Schwinden.
Nebraska	451	D-59.2	(x)	(x)	492	R-55.9	(x)	(x)	Charles Thone.
Nevada	169	D-67.4	(x)	(x)	192	R-56.2	(x)	(x)	Robert F. List.
New Hampshire	227	R-51.1	343	R-57.7	270	D-49.4	383	D-59.0	Hugh J. Gallen.
New Jersey [5]	2,122	D-66.7	2,126	D-55.7	(x)	(x)	(x)	(x)	Brendan Byrne.
New Mexico	329	D-49.9	(x)	(x)	346	D-50.5	(x)	(x)	Bruce King.
New York	5,293	D-57.2	(x)	(x)	4,769	D-50.9	(x)	(x)	Hugh Carey.
North Carolina	(x)	(x)	1,664	D-65.0	(x)	(x)	1,825	D-61.8	James B. Hunt, Jr.
North Dakota	(x)	(x)	297	D-51.6	(x)	(x)	273	R-53.5	Allen I. Olson.
Ohio	3,072	R-46.6	(x)	(x)	2,843	R-49.3	(x)	(x)	James Rhodes.
Oklahoma	805	D-63.9	(x)	(x)	777	D-51.7	(x)	(x)	George Nigh.
Oregon	771	D-57.7	(x)	(x)	911	R-54.7	(x)	(x)	Victor Atiyeh.
Pennsylvania	3,491	D-53.8	(x)	(x)	3,742	R-52.5	(x)	(x)	Richard Thornburgh.
Rhode Island	322	D-78.5	399	D-54.8	314	D-62.8	384	D-74.1	J. Joseph Garrahy.
South Carolina	523	R-50.9	(x)	(x)	627	D-61.4	(x)	(x)	Richard Riley.
South Dakota	278	D-53.6	(x)	(x)	260	R-56.6	(x)	(x)	William Janklow.
Tennessee	1,041	D-55.4	(x)	(x)	1,190	R-55.6	(x)	(x)	Lamar Alexander.
Texas	1,655	D-61.4	(x)	(x)	2,370	R-50.0	(x)	(x)	William Clements.
Utah	(x)	(x)	540	D-52.0	(x)	(x)	592	D-55.3	Scott M. Matheson.
Vermont	141	D-56.6	186	R-53.4	124	R-62.8	207	R-58.8	Richard S. Snelling.
Virginia [6]	1,035	R-50.7	1,251	R-55.9	(x)	(x)	(x)	(x)	John Dalton.
Washington	(x)	(x)	1,546	D-53.1	(x)	(x)	1,540	R-56.5	John Spellman.
West Virginia	(x)	(x)	749	D-66.2	(x)	(x)	719	D-53.8	John Rockefeller, IV.
Wisconsin	1,182	D-53.2	(x)	(x)	1,501	R-54.4	(x)	(x)	Lee Dreyfus.
Wyoming	128	D-55.9	(x)	(x)	138	D-50.9	(x)	(x)	Ed Herschler.

X Not applicable. [1] Includes minor party and scattered votes. [2] Voting years, 1975 and 1979. [3] Primary election, Nov. 1975, held on a non-party basis. [4] Dec. 1979 vote. [5] Voting years, 1973 and 1977.

Source: 1974–1978, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright) and unpublished data; 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

No. 847. Composition of State Legislatures, by Political Party Affiliations: 1974 to 1978

[Dates shown refer to election years in most States, to odd-year elections a year previously in a few; figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem. = Democratic; Rep. = Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

State	Lower House						Upper House					
	1974 [1 2]		1976 [3 4]		1978 [5 6]		1974 [1 7]		1976 [4 8]		1978 [6 9]	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**3,793**	**1,765**	**3,772**	**1,783**	**3,454**	**2,027**	**1,307**	**620**	**1,306**	**618**	**1,260**	**669**
Alabama	105	-	103	2	101	4	35	-	34	-	35	-
Alaska [10]	30	9	25	15	25	14	13	7	12	8	9	11
Arizona	27	33	22	38	18	42	18	12	16	14	14	16
Arkansas [10]	98	2	95	5	94	6	34	1	34	1	35	-
California [10]	55	25	57	23	50	30	25	15	26	14	25	14
Colorado [10]	39	26	30	35	27	38	16	19	17	18	13	22
Connecticut	118	33	91	60	103	48	29	7	22	14	26	10
Delaware [10]	25	16	26	15	20	21	13	8	13	8	13	8
Florida [10]	86	34	93	27	89	31	27	12	30	9	29	11
Georgia	155	24	156	24	160	20	51	5	52	4	51	5
Hawaii	35	16	41	10	42	9	18	7	18	7	18	7
Idaho	27	43	22	48	20	50	13	22	15	20	16	19
Illinois	101	76	94	83	89	88	34	25	34	25	32	27
Indiana [10]	56	44	48	52	46	54	23	27	28	22	21	29
Iowa [10]	61	39	59	41	44	56	26	24	26	24	21	29
Kansas	53	72	65	60	56	69	14	26	19	21	19	21
Kentucky [10]	78	22	78	22	75	25	30	8	29	9	29	9
Louisiana	101	4	101	4	96	9	38	1	38	1	39	-
Maine	91	59	89	62	77	73	14	19	12	21	13	19
Maryland	126	15	125	15	125	16	39	8	39	8	40	7
Massachusetts	190	45	192	44	129	30	33	7	34	6	34	6
Michigan	66	44	68	42	70	40	24	14	24	14	24	14
Minnesota	103	31	100	34	67	67	38	28	48	19	47	20
Mississippi	119	3	117	3	116	4	50	2	50	2	48	4
Missouri [10]	114	49	112	51	117	46	23	11	22	12	22	12
Montana [10]	67	33	57	43	55	45	30	20	25	25	26	24
Nebraska	([11])	([11])	([11])	([11])	([11])	([11])	([11])	([11])	([11])	([11])	([11])	([11])
Nevada [10]	31	9	35	5	26	14	17	3	17	3	15	5
New Hampshire	167	233	175	219	170	223	12	12	12	12	11	13
New Jersey	49	31	54	26	44	36	29	10	27	13	27	13
New Mexico	51	19	48	22	41	29	29	13	33	9	32	10
New York	88	62	87	58	86	64	26	34	21	36	25	35
North Carolina	111	9	114	6	106	14	49	1	47	3	44	6
North Dakota [10]	40	62	50	50	29	71	17	34	18	32	15	35
Ohio [10]	59	40	62	37	62	37	21	12	21	12	18	15
Oklahoma [10]	76	25	79	22	75	26	39	9	39	9	38	10
Oregon [10]	38	22	37	23	34	26	22	7	24	6	23	7
Pennsylvania [10]	114	89	118	84	100	102	29	20	28	20	28	22
Rhode Island	83	17	83	17	84	16	46	4	45	5	46	4
South Carolina [10]	107	17	111	12	107	16	44	2	43	3	43	3
South Dakota	33	37	22	48	22	48	19	16	12	23	11	24
Tennessee	63	35	66	32	60	38	20	12	23	9	20	12
Texas [10]	134	16	131	19	127	23	28	3	27	4	26	5
Utah [10]	40	35	35	40	24	51	15	14	17	12	10	19
Vermont	65	75	75	74	69	79	12	18	9	21	10	20
Virginia	78	17	76	21	74	25	35	5	35	5	31	9
Washington [10]	62	36	62	36	49	49	30	19	29	20	30	19
West Virginia [10]	86	14	91	9	74	26	26	8	28	6	26	8
Wisconsin [10]	63	36	66	33	60	37	19	14	22	11	21	12
Wyoming [10]	29	32	29	32	20	42	15	15	12	18	11	19

- Represents zero. [1] Status as of late 1975; includes elections held and vacancies filled in 1975. [2] Excludes 1 Independent each for Alaska, Maine, Tenn., and Wyo.; 3 Independents for Mass., 5 Independents for Va., and 10 Independents for Vt.; 1 vacancy for Ga. and 2 vacancies for Mass. [3] Excludes 1 Independent each for Miss., N.Y., Tenn., Vt., and Wyo.; 3 Independents each for Mass. and Va.; 1 vacancy each for Md., Mass., Miss., Pa., and S.C.; 4 vacancies for N.Y., and 6 vacancies for N.H. [4] Status as of January 1978; includes elections held and vacancies filled in 1977. [5] Excludes 1 Independent each for Maine, Mass., Tenn., and Va.; 1 Libertarian for Alaska; 2 Independent-Republicans for Miss.; 2 Independents for Vt.; 1 vacancy each for Pa. and S.C.; 2 vacancies for Wis.; and 7 vacancies for N.H. [6] Status as of January 1980; includes elections held and vacancies filled in 1979. [7] Excludes 1 Independent each for Fla., Minn., N.J., Oreg., and Tenn., and 1 vacancy for Pa. [8] Excludes 1 Independent each for Ala., Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. [9] Excludes 1 Independent each for Maine and Tenn.; and 1 vacancy for Calif. [10] Upper House members serve 4-year terms, some elected every 2 years. [11] Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, Kentucky, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

No. 848. Black Elected Officials, by Office, 1970 to 1979, and by Regions and States, 1979

[As of July 1979, no Black elected officials had been identified in Idaho, Montana, North Dakota, South Dakota, Utah, Vermont, or Wyoming. For composition of regions, see fig. I, inside front cover]

AR, REGION, AND STATE	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]	STATE	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]
1970 (Feb.)	1,472	182	715	213	362	Kans	28	5	14	1	8
1972 (Mar.)	2,264	224	1,108	263	669	Ky	76	4	47	11	14
1973 (Apr.)	2,621	256	1,264	334	767	La	334	10	197	39	88
1974 (Apr.)	2,991	256	1,602	340	793	Maine	3	-	3	-	-
						Md	85	[7] 21	52	10	2
1975 (Apr.)	3,503	299	1,878	387	939	Mass	17	6	3	-	8
1976 (Apr.)	3,979	299	2,274	412	994	Mich	272	[8] [10] 18	118	36	100
1977 (July)	4,311	316	2,497	447	1,051	Minn	8	1	1	3	3
1978 (July)	4,503	316	2,595	454	1,138						
						Miss	327	6	203	56	62
1979, July	**4,584**	**315**	**2,647**	**486**	**1,136**	Mo	132	[7] 16	92	12	12
						Nebr	7	1	1	-	5
Northeast	541	55	193	80	213	Nev	7	3	1	1	2
No. Central	985	89	542	105	249	N.H	1	1	-	-	-
South	2,768	147	1,828	233	560	N.J	143	5	77	-	61
West	290	24	84	68	114	N. Mex	3	-	2	-	1
Ala	208	16	131	39	22	N.Y	195	[8] 18	32	35	110
Alaska	2	-	1	-	1	N.C	240	4	168	7	61
Ariz	13	2	4	2	5	Ohio	177	[7] 13	100	20	44
Ark	226	4	136	1	85	Okla	71	4	48	1	18
Calif	227	[5] 12	63	55	97	Oreg	6	1	2	2	1
Colo	16	3	4	5	4	Pa	129	[7] 17	45	44	23
Conn	46	[6] 7	28	1	10	R.I	7	1	5	-	1
Del	14	3	9	-	2						
						S.C	222	13	125	22	62
D.C	247	[7] 1	238	-	8	Tenn	109	[7] 13	76	7	13
Fla	91	4	71	7	9	Tex	174	[7] 15	70	19	70
Ga	237	23	162	8	44	Va	88	5	79	4	-
Hawaii	1	1	-	-	-	Wash	15	2	7	3	3
Ill	276	[8] [9] 24	167	25	60	W. Va	19	1	16	2	-
Ind	62	7	42	5	8	Wis	17	[9] 4	7	2	4
Iowa	6	-	-	1	5						

- Represents zero. [1] Includes elected State administrators and directors of State agencies. [2] County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. [3] Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. [4] College boards, school boards, and other. [5] Includes 3 U.S. Representatives and 1 State Superintendent of Public Instruction. [6] Includes 1 State Treasurer. [7] Includes 1 U.S. Representative. [8] Includes 2 U.S. Representatives. [9] Includes 1 Comptroller. [10] Includes 1 Secretary of State.

Source: Joint Center for Political Studies, Washington, D.C., *National Roster of Black Elected Officials*, annual. (Copyright.)

No. 849. Voter Registration in 11 Southern States, by Race: 1960 to 1976

[**In thousands, except percent.** For 1960 to 1970, population 21 yr. and over, except Ga., 18 yr. and over; beginning 1975, population 18 yr. and over for all Southern States. For voting age population, see table 852]

YEAR AND RACE	Total	Ala.	Ark.	Fla.	Ga.	La.	Miss.	N.C.	S.C.	Tenn.	Tex.	Va.
1960: White	12,276	860	518	1,819	1,020	993	478	1,861	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent White [1]	61.1	63.6	60.9	69.3	56.8	76.9	63.9	92.1	57.1	73.0	42.5	46.1
Percent Black [1] [2]	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1964: White	14,264	946	621	2,200	1,340	1,037	525	1,942	703	1,297	2,602	1,050
Black	2,164	111	95	300	270	165	29	258	144	218	375	200
1966: White	14,310	1,192	598	2,093	1,378	1,072	471	1,654	718	1,375	2,600	1,159
Black	2,689	250	115	303	300	243	175	282	191	225	400	205
1968: White	15,702	1,117	640	2,195	1,524	1,133	691	1,579	587	1,448	3,532	1,256
Black	3,112	273	130	292	344	305	251	305	189	228	540	255
1970: White	16,985	1,311	728	2,495	1,615	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	269
1975: White	19,429	1,486	797	3,119	1,534	1,338	866	1,919	660	1,697	4,252	1,762
Black	[3] 3,835	[3] 307	[3] 200	356	[3] 556	393	[3] 286	355	222	[3] 262	[3] 610	[3] 289
1976: White	21,690	1,544	817	3,480	1,703	1,445	[4] 866	2,137	828	1,886	5,191	1,794
Black	[3] 4,149	[3] 321	[3] 204	410	[3] 598	421	[3] [4] 286	396	285	[3] 271	[3] 640	[3] 317
Percent White [1]	67.9	79.3	62.6	61.3	65.9	78.4	80.0	69.2	58.4	73.7	69.1	61.6
Percent Black [1]	63.1	58.4	94.0	61.1	74.8	63.0	60.7	54.8	56.5	66.4	65.0	54.7

[1] Of voting age population. [2] Includes other minority races. [3] Estimated. [4] 1975 data.

Source: Voter Education Project, Inc., Atlanta, Ga., *Voter Registration in the South*, issued irregularly.

No. 850. Women Holding State and Local Public Offices, by Office, 1975 to 1979, and by States. 1979

[As of **August.** For data on women in U.S. Congress, see table 843]

YEAR AND STATE	Total	State judiciary [1]	State legislature	County commission	Mayoralty	Townships and local councils
1975	7,089	92	610	456	566	5,365
1977	11,392	110	696	656	735	9,195
1979	14,364	177	770	958	998	11,461
Percent [2]	9	3	10	5	[3] 10	
Ala.	235	1	4	8	16	206
Alaska	197	–	7	14	9	167
Ariz.	96	5	17	8	8	58
Ark.	275	2	4	53	30	186
Calif.	340	23	11	28	48	230
Colo.	283	3	21	9	22	228
Conn.	240	9	37	(x)	3	191
Del.	55	–	7	3	8	37
D.C.	5	(x)	(x)	(x)	–	5
Fla.	330	14	18	19	21	258
Ga.	180	1	15	16	21	127
Hawaii	15	2	10	2	–	1
Idaho	117	–	10	4	16	87
Ill.	569	10	26	136	30	367
Ind.	208	4	11	3	2	188
Iowa	535	3	15	25	32	460
Kans.	198	1	14	17	12	154
Ky.	284	2	9	22	28	223
La.	193	–	2	19	23	149
Maine	241	–	34	2	10	195
Md.	154	5	28	23	13	85
Mass.	193	3	15	5	33	137
Mich.	2,344	9	12	87	131	2,105
Minn.	441	4	18	19	34	366
Miss.	156	2	2	8	9	135
Mo.	396	–	17	5	41	333
Mont.	109	–	14	4	11	80
Nebr.	166	–	3	10	20	133
Nev.	18	–	5	5	1	7
N.H.	183	–	114	4	1	64
N.J.	404	7	12	18	39	328
N. Mex.	91	3	5	7	9	67
N.Y.	627	12	13	43	39	520
N.C.	185	2	22	29	25	107
N. Dak.	156	–	20	3	10	123
Ohio	888	9	9	10	41	819
Okla.	225	5	6	4	27	183
Oreg.	304	4	13	12	22	253
Pa.	644	11	11	13	28	581
R.I.	39	2	13	(x)	–	24
S.C.	122	–	9	9	8	96
S. Dak.	128	1	9	5	12	101
Tenn.	162	1	4	69	4	84
Tex.	604	8	12	23	41	520
Utah	85	–	4	2	5	74
Vt.	115	–	34	(x)	2	79
Va.	182	–	9	7	9	157
Wash.	273	4	27	8	28	206
W. Va.	175	–	9	11	14	141
Wis.	140	5	13	122	(NA)	(NA)
Wyo.	59	–	16	5	2	36

– Represents zero. NA Not available. X Not applicable. [1] Covers all major State appellate courts and trial courts. [2] Percent of all officeholders. [3] Based on estimated total officeholders.

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey, *National Information Bank on Women in Public Office.*

No. 851. Participation in Elections for President and U.S. Representatives: 1932 to 1980

[Population estimated, as of **November.** Resident population 21 years old and over, 1932–1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. Dist. of Col. is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age [1] (1,000)	VOTES CAST			
		For President [2] (1,000)	Percent of voting age population	For U.S. Representatives [2] (1,000)	Percent of voting age population
1932	75,768	39,732	52.4	37,657	49.7
1934	77,997	(x)	(x)	32,256	41.4
1936	80,174	45,643	56.9	42,886	53.5
1938	82,354	(x)	(x)	36,236	44.0
1940	84,728	49,900	58.9	46,951	55.4
1942	86,465	(x)	(x)	28,074	32.5
1944	85,654	47,977	56.0	45,103	52.7
1946	92,659	(x)	(x)	34,398	37.1
1948	95,573	48,794	51.1	45,933	48.1
1950	98,134	(x)	(x)	40,342	41.1
1952	99,929	61,551	61.6	57,571	57.6
1954	102,075	(x)	(x)	42,580	41.7
1956	104,515	62,027	59.3	58,426	55.9
1958	106,447	(x)	(x)	45,818	43.0
1960	109,672	68,838	62.8	64,133	58.5
1962	112,952	(x)	(x)	51,267	45.4
1964	114,090	70,645	61.9	65,895	57.8
1966	116,638	(x)	(x)	52,908	45.4
1968	120,285	73,212	60.9	66,288	55.1
1970	124,498	(x)	(x)	54,173	43.5
1972	140,068	77,719	55.5	71,430	51.0
1974	145,035	(x)	(x)	52,495	36.2
1976	150,127	81,556	54.3	74,422	49.6
1978	155,712	(x)	(x)	54,693	35.1
1980	160,491	[3] 84,263	52.5	[3] 72,796	45.4

X Not applicable. [1] Population 18 and over in Georgia, 1944–1970, and in Kentucky, 1956–1970; 19 and over in Alaska and 20 and over in Hawaii, 1960–1970. [2] Source: 1960–1978, Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright) and 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report,* Vol. 38, No. 45, Nov. 8, 1980 (copyright). [3] Based on unofficial returns. Votes for President cover votes for Democratic, Republican, Independent, Libertarian, and Citizens Parties.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 879; and, through 1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

No. 852. Estimated Resident Population of Voting Age—States: 1960 to 1980

[**In thousands.** As of **November.** Includes Armed Forces stationed in each State, aliens, and institutional population]

STATE	1960 [1]		1964 [1]	1968 [1]	1970 [1]		1972 [2]	1976 [2]		1980 [2]	
	Total	Black			Total	Black		Total	Black [3]	Total	Black
U.S	109,672	10,098	114,090	120,285	124,498	11,935	140,068	150,127	15,398	160,491	16,967
Alabama	1,850	480	1,919	1,993	2,042	452	2,314	2,506	550	2,702	609
Alaska	[4] 139	[4] 4	[4] 153	[4] 166	[4] 178	[4] 6	197	256	(S)	257	(S)
Arizona	760	23	878	975	1,056	26	1,295	1,527	33	1,779	48
Arkansas	1,049	191	1,108	1,143	1,180	174	1,354	1,471	217	1,562	217
California	9,895	420	10,789	11,771	12,376	760	13,969	15,326	1,079	16,956	1,230
Colorado	1,056	23	1,142	1,251	1,328	36	1,586	1,792	54	2,050	70
Connecticut	1,608	61	1,724	1,826	1,886	94	2,089	2,213	115	2,321	125
Delaware	272	34	292	314	326	40	378	404	55	420	58
District of Columbia	513	245	513	495	483	314	530	507	348	475	316
Florida	3,176	468	3,623	4,124	4,451	529	5,242	6,116	671	6,876	796
Georgia	[2] 2,507	[2] 614	[2] 2,634	[2] 2,851	[2] 2,985	[2] 677	3,098	3,391	800	3,629	867
Hawaii	[5] 371	[5] 3	[5] 404	[5] 439	[5] 473	[5] 5	536	605	(S)	657	(S)
Idaho	377	1	379	397	418	1	491	559	(S)	634	(S)
Illinois	6,298	584	6,422	6,667	6,795	747	7,532	7,791	953	8,046	1,028
Indiana	2,799	149	2,845	3,003	3,104	185	3,496	3,653	242	3,849	269
Iowa	1,666	14	1,625	1,673	1,712	16	1,936	2,007	26	2,093	29
Kansas	1,334	51	1,318	1,346	1,380	56	1,553	1,639	66	1,756	76
Kentucky	[2] 1,950	[2] 134	[2] 1,964	[2] 2,063	[2] 2,136	[2] 140	2,204	2,376	160	2,532	174
Louisiana	1,813	512	1,894	2,002	2,058	534	2,373	2,567	668	2,780	759
Maine	588	2	585	592	601	1	683	743	(S)	790	(S)
Maryland	1,867	284	2,065	2,271	2,372	372	2,690	2,885	523	3,039	610
Massachusetts	3,266	66	3,349	3,459	3,538	92	3,968	4,133	146	4,298	153
Michigan	4,598	402	4,719	5,032	5,200	530	5,868	6,220	709	6,557	770
Minnesota	2,017	12	2,050	2,154	2,248	18	2,546	2,730	24	2,957	30
Mississippi	1,177	418	1,207	1,229	1,253	379	1,435	1,554	471	1,650	515
Missouri	2,706	220	2,709	2,813	2,913	254	3,228	3,386	311	3,569	385
Montana	395	1	402	403	410	1	469	516	(S)	560	(S)
Nebraska	868	16	879	881	906	20	1,030	1,084	32	1,138	33
Nevada	184	8	260	284	303	14	357	425	24	533	31
New Hampshire	376	1	398	427	452	1	520	578	(S)	657	(S)
New Jersey	3,919	302	4,142	4,358	4,507	412	4,997	5,187	555	5,398	615
New Mexico	504	9	530	539	561	9	671	767	14	869	15
New York	10,965	890	11,324	11,450	11,543	1,229	12,663	12,863	1,622	12,900	1,648
North Carolina	2,585	537	2,723	2,921	3,043	569	3,496	3,805	722	4,055	796
North Dakota	357	1	362	354	360	1	413	442	(S)	469	(S)
Ohio	5,888	446	5,962	6,252	6,419	525	7,123	7,420	664	7,701	724
Oklahoma	1,431	82	1,471	1,540	1,605	88	1,809	1,963	129	2,131	139
Oregon	1,079	10	1,141	1,231	1,308	14	1,503	1,658	18	1,909	25
Pennsylvania	7,122	496	7,100	7,273	7,412	567	8,193	8,455	688	8,652	727
Rhode Island	540	10	545	573	596	13	671	669	18	687	20
South Carolina	1,272	371	1,333	1,427	1,487	377	1,748	1,923	504	2,069	573
South Dakota	395	1	395	384	389	1	447	471	(S)	485	(S)
Tennessee	2,110	313	2,212	2,325	2,410	323	2,758	2,974	408	3,205	450
Texas	5,605	644	5,889	6,327	6,658	735	7,655	8,603	985	9,648	1,132
Utah	479	2	512	551	583	3	699	780	(S)	901	(S)
Vermont	231	(Z)	232	252	265	(Z)	306	330	(S)	359	(S)
Virginia	2,349	434	2,539	2,717	2,823	458	3,202	3,556	580	3,817	665
Washington	1,727	27	1,754	1,975	2,078	38	2,306	2,546	47	2,978	67
West Virginia	1,075	48	1,049	1,061	1,077	37	1,221	1,293	43	1,357	42
Wisconsin	2,372	39	2,434	2,543	2,615	60	2,991	3,193	85	3,446	95
Wyoming	192	1	192	190	198	1	229	269	(S)	335	(S)

S Data not shown where fewer than 10,000 Black population (all ages) living in the State. Z Fewer than 500.
[1] Population age 21 and over, except as noted. [2] Population age 18 and over. [3] Data are unrevised and not *consistent with total population shown.* [4] Population age 19 and over. [5] Population age 20 and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 626, 732, and 879.

NO. 853. PERCENT OF VOTING-AGE POPULATION CASTING VOTES—STATES: 1960 TO 1980

[As of **November**. For total resident voting-age population, see table 852. 1980 comprises votes for Democratic and Republican candidates and John Anderson; data are unofficial]

STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS						PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES							
	1960	1964	1968	1972	1976	1980	1960	1964	1968	1972	1974	1976	1978	1980
U.S	[1] 62.8	61.9	60.9	55.5	54.3	51.8	[1] 58.5	[1] 57.8	[1] 55.1	51.0	36.2	49.6	35.1	[1] 45.4
Ala	30.8	35.9	52.7	49.4	47.2	47.5	23.7	32.2	46.1	42.0	23.4	39.3	24.6	[2] 32.6
Alaska	43.7	44.0	50.0	48.3	48.3	41.2	42.5	43.9	48.4	48.4	45.0	46.2	47.3	45.9
Ariz	52.4	54.8	49.9	48.1	48.6	47.3	49.6	52.5	47.6	45.9	37.7	47.7	31.4	47.3
Ark. [3]	40.9	50.6	54.2	48.1	52.2	52.6	6.6	11.7	26.1	13.8	29.8	22.9	19.2	12.8
Calif	65.8	65.4	61.6	59.9	51.3	48.5	62.6	63.2	59.5	58.1	39.9	48.6	40.3	47.1
Colo	69.2	68.0	64.8	60.1	60.4	56.1	67.7	66.3	62.4	57.6	45.5	57.0	40.7	56.0
Conn	76.1	70.7	68.8	66.3	62.4	59.4	75.8	70.1	66.1	64.7	50.2	60.9	44.8	56.7
Del	72.3	68.9	68.3	62.3	58.4	56.0	71.5	68.0	64.0	59.8	41.1	53.2	38.1	51.7
D.C	(x)	38.7	34.5	30.8	33.3	33.9	(x)	(x)	(x)	30.1	20.2	31.6	19.5	(NA)
Fla. [3]	48.6	51.2	53.1	49.3	51.5	50.6	39.3	39.1	42.9	36.9	18.1	34.1	24.9	42.6
Ga	29.3	43.3	43.9	37.9	43.3	42.3	22.9	31.7	33.1	28.8	25.3	37.0	16.7	[2] 31.5
Hawaii	49.8	51.3	53.8	50.4	48.1	45.4	49.2	56.8	55.4	51.3	45.2	48.5	40.1	42.8
Idaho	79.7	77.2	73.4	63.2	61.6	67.4	77.0	75.1	69.7	61.4	47.4	61.2	47.5	65.5
Ill	75.5	73.2	69.3	62.7	60.6	57.6	73.1	71.2	66.3	58.2	37.3	56.0	38.3	54.3
Ind	76.3	73.5	70.7	60.8	60.8	56.5	75.9	72.9	67.9	60.4	48.4	57.6	38.4	55.8
Iowa	76.5	72.9	69.8	63.3	63.7	62.1	73.6	70.3	67.2	61.8	46.1	61.9	39.2	60.0
Kans	69.6	65.1	64.8	59.0	58.4	54.4	65.3	61.7	60.7	56.6	49.1	55.5	39.6	52.3
Ky	57.7	53.3	51.2	48.4	49.1	50.0	48.8	48.6	41.9	44.7	29.7	41.6	19.4	[2] 31.8
La	44.6	47.3	54.8	44.3	49.8	55.0	28.7	31.7	31.4	28.6	22.4	39.5	[4] 4.9	[4] 5.8
Maine	71.7	65.1	66.4	61.1	65.0	64.8	69.5	63.2	64.9	60.5	49.5	63.7	48.0	64.6
Md	56.5	54.1	54.4	50.3	49.9	48.6	52.5	49.0	44.9	45.3	31.4	45.6	31.0	44.6
Mass	75.0	70.0	67.4	62.0	61.6	57.8	69.2	63.0	59.5	54.4	41.9	56.7	42.8	[2] 42.5
Mich	72.2	67.9	65.7	59.5	58.7	54.7	69.8	64.8	60.5	55.8	41.5	55.2	42.2	54.2
Minn	76.4	75.8	73.8	68.4	71.4	63.8	75.1	74.2	71.2	66.4	46.3	65.7	53.5	61.5
Miss	25.3	33.9	53.3	45.0	49.5	53.4	21.9	29.9	36.5	41.0	20.3	41.0	32.3	[2] 39.3
Mo	71.5	67.1	64.3	57.5	57.7	57.4	68.1	65.4	61.6	56.8	36.6	56.3	44.2	56.6
Mont	70.2	69.3	68.1	67.7	63.7	58.8	68.9	68.8	65.4	67.2	51.5	62.2	52.0	55.9
Nebr	70.6	66.5	60.9	56.0	56.1	54.7	66.9	63.8	59.3	55.2	42.4	55.5	44.4	54.2
Nev	58.3	52.1	54.3	50.9	47.5	44.8	56.3	50.3	50.8	50.6	43.1	47.0	40.1	45.8
N.H	78.7	72.4	69.6	64.2	58.8	57.8	75.7	70.2	66.2	60.5	39.8	56.3	41.5	55.3
N.J	70.8	68.8	66.0	60.0	58.1	52.8	67.8	65.7	61.9	56.7	41.1	54.2	36.6	48.5
N. Mex	61.7	62.0	60.7	57.6	54.6	50.4	59.8	67.8	57.5	55.7	44.1	52.3	34.8	46.0
N.Y	66.5	63.3	59.3	56.6	50.8	45.4	64.4	59.7	53.4	52.2	38.5	46.6	34.0	41.8
N.C	52.9	52.3	54.4	43.4	44.1	45.4	50.4	47.9	47.9	38.6	26.9	41.3	25.8	[2] 39.9
N. Dak	78.0	71.4	70.0	67.9	67.2	56.9	71.8	66.8	67.3	65.1	55.0	65.6	48.1	61.8
Ohio	70.7	66.6	63.3	57.5	55.4	54.6	65.3	62.6	58.2	53.9	40.4	51.8	36.6	[2] 47.7
Okla. [3]	63.1	63.4	61.2	56.9	55.6	52.6	58.6	57.1	52.6	45.2	27.1	54.4	28.8	38.9
Oreg	72.0	68.9	66.6	61.7	62.1	58.2	70.6	67.3	63.9	57.9	47.6	55.9	49.0	56.5
Pa	70.3	67.9	65.3	56.1	54.7	51.7	69.6	63.7	62.9	54.5	40.6	52.4	41.3	[2] 47.8
R.I	75.1	71.6	67.2	62.0	61.5	56.3	72.6	68.5	63.7	57.8	46.5	58.1	45.3	53.9
S.C	30.4	39.4	46.7	38.6	41.7	42.6	25.8	32.9	44.0	36.1	28.1	40.7	28.8	39.8
S. Dak	77.6	74.2	73.3	68.8	63.8	66.6	76.2	72.8	70.7	67.3	59.4	62.6	53.1	65.6
Tenn	49.8	51.7	53.7	43.6	49.6	50.1	30.5	46.8	43.6	40.0	31.5	42.1	34.3	[2] 33.1
Tex	41.2	44.6	48.7	45.4	47.3	44.7	36.4	44.4	37.9	37.7	18.4	42.6	24.0	[2] 36.0
Utah	78.2	78.4	76.7	68.5	69.4	65.4	77.1	77.3	75.5	67.7	55.7	69.7	45.1	64.4
Vt	72.4	70.3	64.1	61.1	56.9	57.7	71.9	70.5	62.4	60.8	44.6	56.0	35.1	54.0
Va	32.8	41.1	50.1	45.5	47.7	47.6	27.2	36.6	46.7	39.7	27.4	41.1	28.4	[2] 29.7
Wash	71.9	71.8	66.0	63.8	61.1	50.8	65.1	68.3	61.0	56.5	40.6	56.0	35.6	48.3
W. Va	77.9	75.5	71.1	62.4	58.1	52.4	76.3	73.4	67.1	59.1	33.5	51.3	33.4	50.2
Wis	72.9	69.5	66.5	62.0	65.9	64.9	70.1	67.7	64.5	60.2	38.7	61.5	43.6	61.6
Wyo	73.3	74.3	67.0	63.6	58.1	51.3	70.0	72.5	64.9	63.9	51.8	56.5	43.1	50.7

NA Not available. X Not applicable. [1] Excludes District of Columbia. [2] See footnote 3, table 836. [3] State law does not require tabulation of votes for unopposed candidates. [4] Based on results of 4th District only.

Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol 38, No. 45, Nov. 8, 1980 (copyright).

No. 854. Voter Registration and Persons Voting, by States: 1972 to 1978

[Total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum; or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For total resident voting-age population, see table 852]

STATE	PERSONS REGISTERED						PERSONS VOTING								
	Total (1,000)			Percent of voting-age population			Total (1,000)			Percent of registered			Percent of voting-age population		
	1972	1976	1978	1972	1976	1978	1972	1976	1978	1972	1976	1978	1972	1976	1978
U.S.	92,702	105,837	104,829	(X)	[1] 71.4	[2] 67.5	78,902	82,645	61,038	(X)	[1] 77.1	[2] 58.0	56.3	55.1	39.2
Ala	1,764	1,865	1,938	77.6	74.4	74.3	[3] 1,051	[4] 1,183	[3] 730	59.6	63.4	37.7	45.4	47.2	28.0
Alaska	149	207	238	74.5	80.9	90.8	99	128	130	66.2	61.8	54.6	50.3	50.0	49.6
Ariz	862	980	969	69.6	64.2	58.7	648	765	551	75.2	78.1	56.9	50.0	50.1	33.4
Ark	1,010	1,021	1,047	77.1	69.4	68.5	[4] 651	[4] 768	[5] 529	64.5	75.2	50.5	48.1	52.2	34.6
Calif	10,466	9,982	10,130	75.1	65.1	62.5	8,596	8,137	7,132	82.1	81.5	70.4	61.5	53.1	44.0
Colo	1,220	1,349	1,345	78.3	75.3	69.7	954	[4] 1,082	848	78.2	80.2	63.0	60.2	60.4	44.0
Conn	1,648	1,669	1,626	78.3	75.4	71.4	1,409	1,408	1,061	85.5	84.4	65.3	67.4	63.6	46.6
Del	293	301	278	78.9	74.5	67.0	[4] 236	[4] 236	166	80.5	78.4	59.7	62.3	58.4	40.0
D.C	305	268	250	58.9	52.9	50.8	166	171	103	54.3	63.8	41.2	31.3	33.7	20.9
Fla	3,487	4,094	4,217	68.3	66.9	64.9	[4] 2,583	[4] 3,151	2,530	74.1	77.0	60.0	49.3	51.5	39.0
Ga	2,043	2,302	2,183	65.8	67.9	62.0	[3] 1,179	[4] 1,467	[5] 663	57.7	63.7	30.4	38.1	43.3	18.8
Hawaii	338	363	395	63.6	60.0	62.6	287	309	293	84.8	85.1	74.2	53.5	51.1	46.4
Idaho	397	520	526	82.9	93.0	87.7	[4] 310	355	297	78.2	68.3	56.5	63.2	63.5	49.5
Ill	6,215	6,252	5,809	82.4	80.2	73.0	4,883	4,839	3,343	78.6	77.4	57.5	64.8	62.1	42.0
Ind	3,019	3,010	2,851	86.0	82.4	75.5	[4] 2,126	2,279	1,405	70.4	75.7	49.2	60.8	62.4	37.2
Iowa	([6])	1,407	1,588	(X)	70.1	76.8	[4] 1,226	[4] 1,279	[5] 843	(X)	90.9	53.1	63.3	63.7	40.7
Kans	([6])	1,113	1,182	(X)	67.9	69.3	[5] 922	[4] 958	[3] 749	(X)	86.1	63.4	59.4	58.4	43.9
Ky	1,455	1,713	1,666	65.9	72.1	67.8	[4] 1,067	[4] 1,167	[3] 477	73.4	68.1	28.6	48.4	49.1	19.4
La	1,785	1,866	1,821	76.3	72.7	67.7	[5] 1,122	[4] 1,278	[7] 840	62.8	68.5	46.1	47.3	49.8	31.2
Maine	616	696	692	92.4	93.7	89.8	[3] 421	[3] 486	[3] 375	68.4	69.8	54.2	61.6	65.4	48.6
Md	1,816	1,950	1,888	67.6	67.6	63.4	[4] 1,354	[4] 1,440	[5] 1,012	74.6	73.8	53.6	50.3	49.9	34.0
Mass	3,096	2,912	2,920	78.3	70.5	69.2	2,508	2,594	2,044	81.0	89.1	70.0	63.2	62.8	48.4
Mich	4,763	5,202	5,230	81.1	83.6	81.5	[4] 3,490	3,722	2,985	73.3	71.5	57.1	59.5	59.8	46.5
Minn	([6])	2,566	2,511	(X)	94.0	88.0	1,774	1,979	1,625	(X)	77.5	64.7	69.7	72.5	56.9
Miss	(NA)	([6])	[8] 1,150	(X)	(X)	71.5	[4] 646	[4] 769	[3] 584	(X)	(X)	50.8	45.0	49.5	36.3
Mo	([6])	2,553	2,579	(X)	75.4	73.8	[5] 1,866	[4] 1,954	[9] 1,546	(X)	76.5	59.9	57.8	57.7	44.2
Mont	387	455	410	84.1	88.2	75.4	327	339	297	84.6	74.5	72.4	69.7	65.7	54.6
Nebr	712	841	833	69.7	77.6	74.6	592	624	511	83.1	74.2	61.3	57.5	57.6	45.8
Nev	231	251	268	66.5	59.1	56.3	185	206	195	80.2	82.1	72.8	51.8	48.5	41.0
N.H	450	478	489	86.3	82.7	78.7	345	359	279	76.7	75.1	57.1	66.3	62.1	44.9
N.J	3,673	3,770	3,602	73.1	72.7	68.1	3,030	3,037	2,060	82.5	80.6	57.2	60.6	58.6	39.0
N. Mex	505	527	598	79.5	68.7	73.1	396	426	357	78.3	80.8	59.7	59.0	55.5	43.6
N.Y	9,207	8,199	7,801	72.1	63.7	60.6	7,323	6,668	4,929	79.5	81.3	63.2	57.8	51.8	38.3
N.C	2,358	2,554	2,430	68.1	67.1	61.5	[4] 1,519	[4] 1,679	[3] 1,136	64.4	65.7	46.7	43.4	44.1	28.7
N. Dak	([6])	([6])	([6])	(X)	(X)	(X)	289	309	235	(X)	(X)	(X)	70.0	69.9	51.4
Ohio	4,628	4,693	5,222	64.4	63.2	68.7	4,220	4,195	3,018	91.2	89.4	57.8	59.2	56.5	39.7
Okla	1,247	1,401	1,366	68.8	71.4	66.8	1,057	1,108	801	84.8	79.1	58.6	58.4	56.4	39.2
Oreg	1,198	1,420	1,473	79.8	85.6	82.6	953	1,049	[5] 911	79.6	73.9	61.8	63.4	63.3	51.1
Pa	5,872	5,750	5,590	72.0	68.0	65.1	[4] 4,592	[4] 4,621	[5] 3,742	78.2	80.4	66.9	56.1	54.7	43.6
R.I	532	545	534	79.0	81.5	78.5	[4] 416	[4] 411	332	78.2	75.4	62.2	62.0	61.5	48.8
S.C	1,034	1,113	1,098	60.6	57.9	54.9	[4] 674	[4] 803	[3] 633	65.5	72.1	57.5	38.6	41.7	31.6
S. Dak	392	426	421	90.4	90.4	87.3	[5] 308	[4] 301	[5] 260	78.6	70.7	61.8	68.9	63.8	53.9
Tenn	1,990	1,912	2,138	73.4	64.3	69.1	[4] 1,201	[4] 1,476	[6] 1,190	60.4	77.2	55.7	43.6	49.6	38.5
Texas	[8] 5,500	6,319	5,682	71.6	73.5	62.5	[4] 3,471	[4] 4,072	[5] 2,370	63.1	64.4	41.7	45.4	47.3	26.1
Utah	621	705	667	90.1	90.4	79.3	480	548	385	77.3	77.7	57.7	68.7	70.3	45.8
Vt	273	284	286	88.4	86.1	82.9	194	194	125	71.1	68.3	43.7	63.4	58.8	36.2
Va	2,107	2,124	2,027	65.9	59.7	54.5	[4] 1,457	1,716	1,251	69.1	80.8	61.7	45.5	48.3	33.6
Wash	1,975	2,065	1,961	83.3	81.1	71.3	1,520	1,585	1,029	77.0	76.8	52.5	65.9	62.3	37.4
W. Va	1,063	1,084	1,021	89.9	83.8	76.9	[5] 774	[4] 751	493	72.9	69.3	48.2	63.4	58.1	37.2
Wis	([6])	2,566	1,682	(X)	80.4	50.5	[4] 1,853	[4] 2,104	[5] 1,501	(X)	82.0	89.2	62.0	65.9	45.1
Wyo	(NA)	195	201	(X)	72.5	67.2	152	160	142	(X)	82.1	70.6	66.4	59.5	47.5

NA Not available. X Not applicable. [1] Excludes Miss. and N. Dak. [2] Excludes N. Dak. [3] Total vote for largest race, Senator. [4] Total vote for largest race, President. [5] Total vote for largest race, Governor. [6] No required statewide registration; excluded from totals for persons registered. [7] Total vote for open senatorial primary. [8] Estimated. [9] Total vote for largest race, State auditor.

Source: National Republican Congressional Committee, Washington, D.C., unpublished data.

NO. 855. ESTIMATED POPULATION OF VOTING AGE, BY AGE—STATES: 1980

[In thousands. As of November. See headnote, table 852]

STATE	Total	18-24 yr.	25-44 yr.	45-64 yr.	65 and over	PERCENT 18-24 yr.	PERCENT 65 and over	STATE	Total	18-24 yr.	25-44 yr.	45-64 yr.	65 and over	PERCENT 18-24 yr.	PERCENT 65 and over
U.S	**160,491**	**29,227**	**62,280**	**43,910**	**25,074**	**18.2**	**15.6**	Miss	1,650	313	631	426	280	19.0	17.0
								Mo	3,569	643	1,340	951	636	18.0	17.8
Ala	2,702	490	1,046	736	430	18.1	15.9	Mont	560	104	215	158	84	18.6	15.0
Alaska	257	63	126	57	11	24.5	4.3	Nebr	1,138	212	421	301	204	18.6	17.9
Ariz	1,779	329	673	469	308	18.5	17.3	Nev	533	101	210	156	66	18.9	12.4
Ark	1,562	257	580	420	305	16.5	19.5	N.H	657	117	264	176	100	17.8	15.2
Calif	16,956	3,140	6,809	4,636	2,372	18.5	14.0	N.J	5,398	886	2,037	1,619	856	16.4	15.9
Colo	2,050	420	871	514	245	20.5	12.0	N. Mex	869	182	339	234	114	20.9	13.1
								N.Y	12,900	2,172	4,852	3,766	2,110	16.8	16.4
Conn	2,321	400	894	664	363	17.2	15.6								
Del	420	83	167	112	58	19.8	13.8	N.C	4,055	746	1,627	1,093	589	18.4	14.5
D.C	475	99	186	117	72	20.8	15.2	N. Dak	469	92	166	130	81	19.6	17.3
Fla	6,876	1,066	2,247	1,880	1,683	15.5	24.5	Ohio	7,701	1,419	3,009	2,124	1,149	18.4	14.9
Ga	3,629	702	1,505	920	502	19.3	13.8	Okla	2,131	376	811	577	367	17.6	17.2
Hawaii	657	146	261	176	74	22.2	11.3	Oreg	1,909	324	766	517	302	17.0	15.8
								Pa	8,652	1,418	3,141	2,586	1,508	16.4	17.4
Idaho	634	118	250	172	94	18.6	14.8	R.I	687	122	247	193	125	17.8	18.2
Ill	8,046	1,481	3,122	2,221	1,222	18.4	15.2	S.C	2,069	407	844	540	279	19.7	13.5
Ind	3,849	715	1,522	1,038	573	18.6	14.9	S. Dak	485	91	166	138	91	18.8	18.8
Iowa	2,093	364	773	575	381	17.4	18.2	Tenn	3,205	551	1,275	875	503	17.2	15.7
Kans	1,756	328	653	472	303	18.7	17.3								
Ky	2,532	462	991	684	396	18.2	15.6	Tex	9,648	1,867	3,908	2,541	1,333	19.4	13.8
								Utah	901	206	366	220	109	22.9	12.1
La	2,780	557	1,110	729	384	20.0	13.8	Vt	359	67	146	89	56	18.7	15.6
Maine	790	139	290	224	137	17.6	17.3	Va	3,817	765	1,539	1,016	496	20.0	13.0
Md	3,039	584	1,247	821	387	19.2	12.7	Wash	2,978	552	1,228	771	427	18.5	14.3
Mass	4,298	791	1,617	1,174	715	18.4	16.6	W. Va	1,357	210	513	407	227	15.5	16.7
Mich	6,557	1,263	2,657	1,738	898	19.3	13.7	Wis	3,446	652	1,318	914	562	18.9	16.3
Minn	2,957	568	1,170	745	473	19.2	16.0	Wyo	335	65	135	99	37	19.4	11.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879.

NO. 856. VOTING-AGE POPULATION, AND PERCENT REPORTING REGISTERED AND VOTED: 1968 TO 1978

[See headnote, table 857]

CHARACTERISTIC	VOTING-AGE POPULATION (mil.)					PERCENT REPORTING THEY REGISTERED					PERCENT REPORTING THEY VOTED				
	1968	1972	1974	1976	1978	1968	1972	1974	1976	1978	1968	1972	1974	1976	1978
Total	**116.5**	**136.2**	**141.3**	**146.5**	**151.6**	**74.3**	**72.3**	**62.2**	**66.7**	**62.6**	**67.8**	**63.0**	**44.7**	**59.2**	**45.9**
White	104.5	121.2	125.1	129.3	133.4	75.4	73.4	63.5	68.3	63.8	69.1	64.5	46.3	60.9	47.3
Black	10.9	13.5	14.2	14.9	15.6	66.2	65.5	54.9	58.5	57.1	57.6	52.1	33.8	48.7	37.2
Spanish origin [1]	(NA)	5.6	6.1	6.6	6.8	(NA)	44.4	34.9	37.8	32.9	(NA)	37.4	22.9	31.8	23.5
Male	54.5	63.8	66.4	69.0	71.5	76.0	73.1	62.8	67.1	62.6	69.8	64.1	46.2	59.6	46.6
Female	62.1	72.4	74.9	77.6	80.2	72.8	71.6	61.7	66.4	62.5	66.0	62.0	43.4	58.8	45.3
North and West [2]	81.6	93.7	96.5	99.4	102.9	76.5	73.9	63.3	67.7	63.8	71.0	66.4	48.8	61.2	48.9
South [2]	34.9	42.6	44.8	47.1	48.8	69.2	68.7	59.8	64.6	60.1	60.1	55.4	36.0	54.9	39.6
Metropolitan [3]	75.8	99.2	101.3	99.6	103.1	73.4	72.5	61.2	65.7	61.3	68.0	64.3	44.7	59.2	46.0
In central cities	35.6	42.4	43.9	43.1	43.7	71.5	70.9	59.5	63.3	59.2	65.6	62.2	42.6	56.6	44.2
Outside central cities	40.1	56.9	57.4	56.5	59.4	75.0	73.8	62.6	67.6	62.8	70.1	65.9	46.3	61.2	47.4
Nonmetropolitan	40.8	37.0	40.0	47.0	48.6	76.0	71.7	64.7	68.8	65.3	67.3	59.4	44.7	59.1	45.6
18-20 yr	.4	11.0	11.6	12.1	12.2	44.2	58.1	36.4	47.1	34.7	33.3	48.3	20.8	38.0	20.1
21-24 yr	11.2	13.6	14.1	14.8	15.5	56.4	59.5	45.3	54.8	45.1	51.1	50.7	26.4	45.6	26.2
25-44 yr	46.1	49.1	51.7	54.3	57.5	72.4	71.3	59.9	65.5	60.2	66.6	62.7	42.2	58.7	43.1
45-64 yr	40.4	42.3	43.0	43.3	43.4	81.1	79.7	73.6	75.5	74.3	74.9	70.8	56.9	68.7	58.5
65 yr. and over	18.5	20.1	21.0	22.0	23.0	75.6	75.6	70.2	71.4	72.8	65.8	63.5	51.4	62.2	55.9
Employed	70.0	80.2	83.1	86.0	93.2	76.6	74.3	63.8	68.8	63.0	71.1	66.0	46.8	62.0	46.7
Unemployed	1.9	3.7	5.0	6.4	4.9	60.3	58.7	44.4	52.1	44.1	52.1	49.9	28.8	43.7	27.4
Not in labor force	44.7	52.3	53.2	54.1	53.5	71.3	70.3	61.3	65.2	63.4	63.2	59.3	43.0	56.5	46.2

NA Not available. [1] Persons of Spanish origin may be of any race. [2] See fig. I, inside front cover. [3] Standard metropolitan statistical areas as defined in 1960 census publications for 1968 and in 1970 census publications for 1972-1978.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 344, and earlier reports.

NO. 857. PARTICIPATION IN NATIONAL ELECTIONS, 1964 TO 1978, AND BY POPULATION CHARACTERISTICS, 1978

[As of November. Covers civilian noninstitutional population 18 years old and over, except 1964-1968, 21 years old and over (see also footnote 1, table 851). Includes aliens. Figures are based on Current Population Survey (see text, p. 1, and Appendix III) and differ from those in tables 851 and 853 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

YEAR AND CHARACTERISTIC	Persons of voting age (mil.)	PERSONS REPORTING THEY REGISTERED		PERSONS REPORTING THEY VOTED		PERSONS REPORTING THEY DID NOT VOTE				REASONS FOR NOT REGISTERING	
		Total (mil.)	Percent	Total (mil.)	Percent	Total [1] (mil.)	Registered (mil.)	Not registered [1] Number (mil.)	Not registered [1] Percent	Percent unable to register	Percent not a citizen
1964	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)	(NA)
1966	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	(NA)	2.0
1968	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	(NA)	2.3
1970	120.7	82.2	68.1	65.9	54.6	54.8	16.3	38.5	31.9	(NA)	2.5
1972	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	(NA)	2.6
1974	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	11.4	2.8
1976	146.5	97.8	66.7	86.7	59.2	59.9	11.1	48.8	33.3	5.7	3.0
Total citizens	142.2	97.8	68.8	86.7	61.0	55.5	11.1	44.4	31.2	5.9	(X)
Less than 1 year's residence	23.9	12.9	53.7	10.6	44.4	13.3	2.2	11.1	46.3	(NA)	(NA)
1978, total [2]	**151.6**	**94.9**	**62.6**	**69.6**	**45.9**	**82.1**	**25.3**	**56.8**	**37.4**	**8.0**	**3.5**
Male	71.5	44.8	62.6	33.3	46.6	38.2	11.5	26.7	37.4	7.8	3.3
Female	80.2	50.1	62.5	36.3	45.3	43.9	13.8	30.1	37.5	8.2	3.8
White	133.4	85.1	63.8	63.1	47.3	70.3	22.0	48.3	36.2	8.0	3.0
Black	15.6	8.9	57.1	5.8	37.2	9.8	3.1	6.7	43.0	8.1	2.6
Spanish origin [3]	6.8	2.2	32.9	1.6	23.5	5.2	.6	4.6	67.1	6.9	31.5
18-20 yr. old	12.2	4.2	34.7	2.4	20.1	9.7	1.8	7.9	65.3	(NA)	3.3
21-24 yr. old	15.5	7.0	45.1	4.1	26.2	11.4	2.9	8.5	54.9	(NA)	4.3
25-34 yr. old	33.4	18.5	55.5	12.7	38.0	20.7	5.8	14.8	44.5	11.0	4.8
35-44 yr. old	24.2	16.1	66.7	12.1	50.1	12.1	4.0	8.0	33.3	6.3	4.6
45-64 yr. old	43.4	32.3	74.3	25.4	58.5	18.0	6.8	11.2	25.7	4.8	2.4
65 yr. and over	23.0	16.8	72.8	12.9	55.9	10.1	3.9	6.3	27.2	6.6	2.4
Median age [4] (yr.)	41.1	46.0	(X)	47.7	(X)	34.6	40.2	33.0	(X)	(X)	(X)
North and West [5]	102.9	65.6	63.8	50.3	48.9	52.6	15.3	37.3	36.2	(NA)	4.0
South [5]	48.8	29.3	60.1	19.3	39.6	29.5	10.0	19.5	39.9	(NA)	2.5
Metropolitan [6]	103.1	63.2	61.3	47.5	46.0	55.6	15.7	39.9	38.7	(NA)	4.7
In central cities	43.7	25.9	59.2	19.3	44.2	24.4	6.6	17.8	40.8	(NA)	9.8
Outside central cities	59.4	37.3	62.8	28.2	47.4	31.2	9.1	22.1	37.2	(NA)	3.7
Nonmetropolitan	48.6	31.7	65.3	22.1	45.6	26.4	9.6	16.9	34.7	(NA)	1.0
School years completed:											
8 yr. or less	23.6	12.6	53.2	8.2	34.6	15.4	4.4	11.1	46.8	(NA)	8.3
9-11 yr.	22.3	11.8	52.9	7.8	35.1	14.4	4.0	10.5	47.1	(NA)	2.7
12 yr.	58.4	36.2	62.0	26.5	45.3	32.0	9.7	22.2	38.0	(NA)	2.3
More than 12 yr	47.3	34.3	72.6	27.1	57.3	20.2	7.2	13.0	27.4	(NA)	3.0
Employed	93.2	58.8	63.0	43.5	46.7	49.7	15.3	34.5	37.0	(NA)	3.4
Unemployed	4.9	2.2	44.1	1.4	27.4	3.6	.8	2.8	55.9	(NA)	5.0
Not in labor force	53.5	33.9	63.4	24.7	46.2	28.8	9.2	19.6	36.6	(NA)	3.6
Owner occupied [7]	43.0	32.3	75.3	25.1	58.5	17.8	7.2	10.6	24.7	(NA)	1.7
Renter occupied [7]	14.9	6.6	44.3	4.2	28.0	10.7	2.4	8.3	55.7	(NA)	7.4

NA Not available. X Not applicable. [1] Includes do not know and not reported. [2] Includes characteristics not shown separately. [3] Persons of Spanish origin may be of any race. [4] For definition of median, see Guide to Tabular Presentation. [5] See fig. I, inside front cover. [6] Standard metropolitan statistical areas as defined in 1970 census publications. [7] Covers heads of primary families only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 344, and earlier reports.

NO. 858. ELECTION CAMPAIGN COSTS FOR NATIONAL OFFICES: 1972

[Includes some prenomination expenditures. Data are provided by the U.S. General Accounting Office, Office of Federal Elections (O.F.E.), created to administer the Federal Elections Campaign Act of 1971, effective as of April 7, 1972. In 1972, 1,785 committees which contributed in some way, but not exclusively to a Presidential candidate, filed reports with the O.F.E. Labor, business, professional, and ideological committees spent 8.0 million dollars. Except for congressional spending, all other figures are from the O.F.E.]

ITEM	Total	PRESIDENTIAL AND PARTY				Congressional
		Total	Democratic committees	Republican committees	Third party committees	
Campaign costs (mil. dol.)	225.2	137.3	66.8	69.3	1.2	87.9
Percent distribution	100.0	61.0	29.7	30.8	.5	39.0

Source: Citizens' Research Foundation, Princeton, N.J., unpublished data.

No. 859. Presidential Campaign Finances—Primary and General Election Receipts and Expenditures, by Political Party: 1975–1976

[In millions of dollars. Covers Jan. 1, 1975–Dec. 31, 1976. Based on disclosure documents submitted by candidates, their principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democratic	Republican	Other [1]	Total	Democratic	Republican	Total	Democratic	Republican	Other [1]
Receipts, total	**114.0**	**61.7**	**50.2**	**2.0**	**67.9**	**39.6**	**28.3**	**46.1**	**22.1**	**22.0**	**2.0**
Private funds [2]	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds [3]	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
Expenditures, total	**112.8**	**62.9**	**48.0**	**2.0**	**66.9**	**40.7**	**26.2**	**45.9**	**22.2**	**21.8**	**2.0**

- Represents zero. [1] Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. [2] Covers contributions, outstanding loans, interest, and miscellaneous income. [3] Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure, No. 7: *1976 Presidential Campaign Receipts and Expenditures,* 1977.

No. 860. Congressional Campaign Finances—Adjusted Receipts and Expenditures: 1975 to 1978

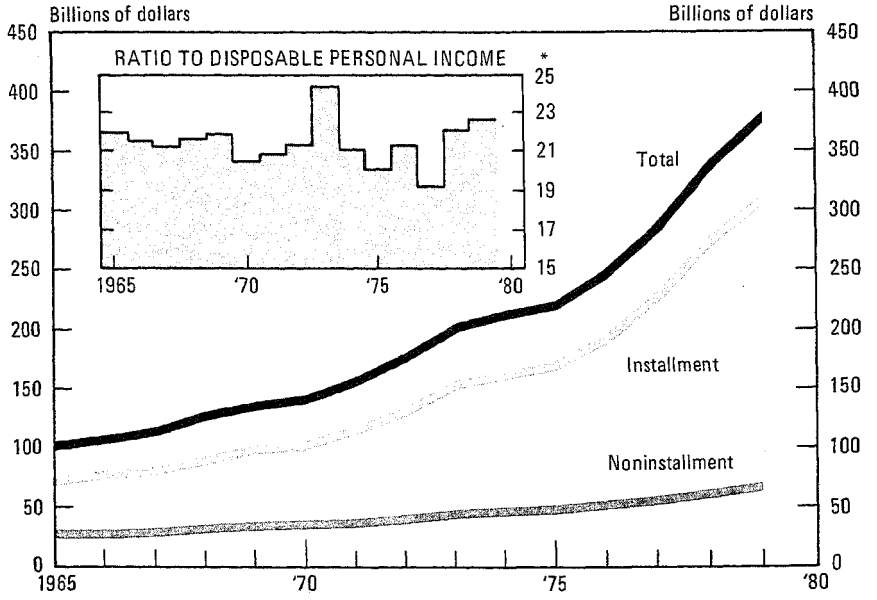
[Covers all campaign finance activity during 2 year calendar period indicated for primaries and general elections. For 1975–1976, relates to 860 candidates for House of Representatives who received 5 percent or more of the votes in the General Election and to 64 candidates for the Senate; and for 1977–1978, to 1,909 candidates for House of Representatives and Senate. 1975–1976 data adjusted to exclude refunds, rebates, returned contributions, loan repayments, treasury notes, and certificates of deposits which were bought and redeemed]

ITEM	HOUSE				SENATE			
	1975–1976		1977–1978		1975–1976		1977–1978	
	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution
Total receipts	**65.7**	**100.0**	**113.9**	**100.0**	**39.1**	**100.0**	**85.5**	**100.0**
Contributions:								
Less than $101	23.7	36.0	(NA)	(NA)	11.1	28.3	(NA)	(NA)
$101–$499	7.5	11.5	11.1	9.7	5.2	13.4	8.5	10.0
$500 and over	7.3	11.1	14.6	12.8	10.6	27.1	18.3	21.4
Candidate	2.4	3.6	(NA)	(NA)	.9	2.3	(NA)	(NA)
Party committee	5.1	7.8	5.0	4.4	1.4	3.6	1.2	1.5
Non-party committee	14.7	22.4	24.4	21.5	5.8	14.8	9.7	11.3
Loans outstanding:								
Candidate	[1] 4.1	[1] 6.2	(NA)	(NA)	[1] 3.7	[1] 9.4	(NA)	(NA)
Other	[1] .6	[1] .9			[1] .1	[1] .2		
Other receipts	.3	.5			.4	.9		
Democrats	35.1	53.3	63.7	56.0	19.5	50.0	42.6	49.9
Republicans	30.2	46.0	49.4	43.3	18.8	48.0	42.4	49.5
Others	.5	.7	.8	.6	.8	2.0	.5	.6
Incumbents	35.1	53.4	46.6	40.9	16.3	42.0	30.0	35.1
Challengers	18.4	27.9	32.1	28.2	10.6	27.0	30.1	35.2
Open seats [2]	12.3	18.7	35.2	30.9	12.3	31.0	25.4	29.7
Winners	42.5	64.6	(NA)	(NA)	21.1	53.8	(NA)	(NA)
Losers	23.3	35.4			18.1	46.2		
Total expenditures	**60.9**	**100.0**	**109.7**	**100.0**	**38.1**	**100.0**	**85.2**	**100.0**
Democrats	32.4	53.1	61.3	55.9	18.8	49.0	42.1	49.4
Republicans	28.1	46.1	47.6	43.4	18.5	49.0	42.6	50.0
Other	.5	.8	.8	.7	.8	2.0	.5	.6
Incumbents	30.7	50.2	43.1	39.3	15.6	41.0	30.2	35.4
Challengers	18.1	30.0	31.9	29.0	10.4	27.0	30.1	35.3
Open seats [2]	12.1	19.8	34.7	31.7	12.1	32.0	24.9	29.3
Winners	38.1	62.4	(NA)	(NA)	20.3	53.4	(NA)	(NA)
Losers	22.9	37.6			17.8	46.6		

NA Not available. [1] As of Dec. 31, 1976. [2] Elections in which an incumbent was not a candidate.

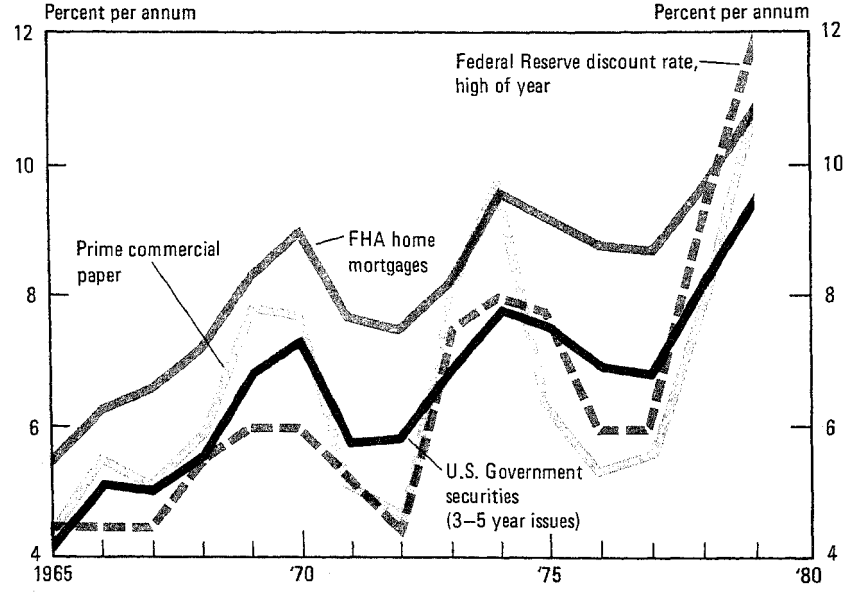
Source: U.S. Federal Election Commission, 1975–1976, FEC Disclosure Series, No. 6: *1976 Senatorial Campaigns Receipts and Expenditures,* and No. 9: *1976 House of Representatives Campaigns Receipts and Expenditures,* 1977; 1977–1978, *Reports on Financial Activity, 1977–78,* Interim Report No. 5, *U.S. Senate and House Campaigns,* June 1979.

Figure 17.1
Consumer Credit: 1965 to 1979



*Percent.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 894.

Figure 17.2
Money Market Rates: 1965 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 903 and 907.



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 861 to 867) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Five publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: Summary data on flows, in the *Federal Reserve Bulletin, Flow of Funds Accounts, 1949–1978, Assets and Liabilities Outstanding, 1969–1979,* and *Annual Statistical Digest;* and concepts and organization of the accounts, in *Introduction to Flow of Funds* (February 1975).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report,* which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks are published in condensed form in the *Federal Reserve Bulletin.*

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to $100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published semiannually in *Assets and Liabilities—Commercial and Mutual Savings Banks,* a joint publication of the FDIC, the Board of Governors of the Federal Reserve System, and the Comptroller of the Currency. Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin.*

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of loans. Sta-

tistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book.* Consumer credit data are published currently in the *Federal Reserve Bulletin.*

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration* and also publishes an *Annual Report* on the operations of all State-chartered credit unions.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin.*

Currency.—Currency, including coin and paper money, represents slightly more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin*) refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the United States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new corporate securities offerings that covers substantially all new issues offered for cash sale in the United States in amounts over $100,000 and with terms to maturity of more than one year. This series is published monthly in the Commission's *Statistical Bulletin.*

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only are included with life insurance; those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book.*

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

No. 861. Flow of Funds Accounts—Financial Assets and Liabilities of Financial and Nonfinancial Institutions, by Sector and Type of Instrument: 1979

[**In billions of dollars.** As of **Dec. 31.** Preliminary, A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements. "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS							
			Total		Households		Business		State and local govts.	
	A	L	A	L	A	L	A	L	A	L
Financial assets	**9,388.9**	(x)	**4,975.1**	(x)	**3,827.1**	(x)	**944.8**	(x)	**203.2**	(x)
Liabilities	(x)	**8,159.3**	(x)	**3,386.9**	(x)	**1,375.8**	(x)	**1.695.7**	(x)	*315.4*
Gold stock and SDR's	66.5	–	–	–	–	–	–	–	–	–
IMF position	1.3	1.3	–	–	–	–	–	–	–	–
Official foreign exchange	3.8	3.8	–	–	–	–	–	–	–	–
Treasury currency	14.7	12.3	–	–	–	–	–	–	–	–
Demand deposits and currency	398.0	425.6	330.4	–	228.4	–	88.5	–	13.5	–
Time and savings accounts	1,340.0	1,340.0	1,275.9	–	1,181.0	–	*30.5*	–	*64.4*	–
Fed. funds and security RP's	46.4	99.8	27.9	–	–	–	13.5	–	14.4	–
Money market fund shares	45.2	45.2	45.2	–	45.2	–	–	–	–	–
Life insurance reserves	210.7	210.7	210.7	–	210.7	–	–	–	–	–
Pension fund reserves	622.1	622.1	622.1	–	622.1	–	–	–	–	–
Interbank claims	69.1	57.8	–	–	–	–	–	–	–	–
Corporate equities [1]	1,244.5	46.2	906.9	–	906.9	–	–	–	–	–
Credit market instruments [2]	4,246.0	4,246.0	746.0	2,912.5	552.5	1,326.9	96.0	1,285.5	97.6	300.1
U.S. Treasury securities [3]	658.0	658.0	245.2	–	189.4	–	6.5	–	49.3	–
Federal agency securities [4]	258.8	258.8	76.0	–	53.6	–	3.0	–	19.4	–
State and local securities	312.7	312.7	86.4	312.7	74.3	–	4.0	19.2	*8.2*	*293.5*
Corporate and foreign bonds	455.7	455.7	71.6	340.0	71.6	–	–	340.0	–	–
Mortgages	1,333.7	1,333.7	143.7	1,321.0	123.0	875.9	–	445.1	20.7	–
Consumer credit	382.3	382.3	49.3	382.3	–	382.3	49.3	–	–	–
Bank loans, n.e.c.	406.8	406.8	–	329.3	–	23.2	–	306.1	–	–
Open-market paper	156.4	156.4	73.8	36.3	40.6	–	33.2	36.3	–	–
Security credit	50.7	50.7	11.3	22.9	11.3	22.9	–	–	–	–
Trade credit [5]	467.6	394.9	420.1	366.2	–	14.6	*420.1*	*336.4*	–	*15.3*
Taxes payable	30.8	34.1	13.3	26.9	–	–	–	26.9	13.3	–
Miscellaneous claims	531.6	568.8	365.3	58.4	69.0	11.4	296.3	47.0	–	–

TYPE OF INSTRUMENT	U.S. GOVERNMENT		FINANCIAL INSTITUTIONS								REST OF THE WORLD	
			Total [6]		Monetary authority		Commercial banks		Nonbank finance			
	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**215.7**	(x)	**3,798.3**	(x)	**166.6**	(x)	**1,252.7**	(x)	**2,096.8**	(x)	**399.7**	(x)
Liabilities	(x)	**767.6**	(x)	**3,594.3**	(x)	**166.6**	(x)	**1,179.0**	(x)	**1,970.6**	(x)	*410.5*
Gold stock and SDR's	2.7	–	11.2	–	11.2	–	–	–	–	–	52.5	–
IMF position	1.3	–	(z)	–	(z)	–	–	–	–	–	–	1.3
Official foreign exchange	1.3	–	2.5	–	2.5	–	–	–	–	–	–	3.8
Treasury currency	–	12.3	14.7	–	14.7	–	–	–	–	–	–	–
Demand deposits and currency	19.2	–	24.9	425.6	–	112.2	1.8	313.5	22.6	–	23.5	–
Time and savings accounts	1.0	–	38.6	1,340.0	–	–	–	668.0	38.6	672.0	24.6	–
Fed. funds and security RP's	–	–	18.6	99.8	–	–	–	91.8	14.5	8.0	–	–
Money market fund shares	–	–	–	45.2	–	–	–	–	–	45.2	–	–
Life insurance reserves	–	9.1	–	201.6	–	–	–	–	–	201.6	–	–
Pension fund reserves	–	67.7	–	554.4	–	–	–	–	–	554.4	–	–
Interbank claims	–	–	56.6	57.8	8.2	48.4	48.4	9.4	–	–	12.5	–
Corporate equities [1]	–	–	287.7	46.2	–	–	.1	–	287.6	46.2	49.9	–
Credit market instruments [2]	152.4	663.6	3,182.9	486.1	126.9	–	1,144.8	26.5	1,636.7	205.8	164.6	183.9
U.S. Treasury securities [3]	–	658.0	288.6	–	117.5	–	97.2	–	72.3	–	124.2	–
Federal agency securities [4]	32.1	4.9	150.7	253.8	8.7	–	51.0	–	90.6	–	–	–
State and local securities	–	–	226.3	–	–	–	135.9	–	90.4	–	–	–
Corporate and foreign bonds	–	–	374.0	67.8	–	–	7.7	6.1	366.3	61.7	10.2	47.9
Mortgages	11.3	.7	1,178.7	12.1	–	–	246.8	–	727.5	12.1	–	–
Consumer credit	–	–	332.9	–	–	–	184.3	–	148.7	–	–	–
Bank loans, n.e.c.	–	–	406.8	28.3	–	–	406.8	–	–	28.3	–	49.2
Open-market paper	–	–	52.4	82.3	.7	–	15.2	20.4	36.2	61.9	30.2	37.8
Security credit	–	–	39.4	27.8	–	–	20.6	–	18.8	27.8	–	–
Trade credit [5]	11.0	14.9	12.9	–	–	–	–	–	12.9	–	23.6	13.8
Taxes payable	17.4	–	–	7.2	–	–	–	.5	–	6.8	–	–
Miscellaneous claims	9.4	(z)	108.4	302.5	3.1	6.0	37.1	69.3	65.1	202.9	48.5	207.8

– Represents zero. X Not applicable. Z Less than $50 million. [1] Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. [2] Includes "Other loans", not shown separately. [3] Includes savings bonds and other nonmarketable debt held by public. [4] Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. [5] Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. [6] Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Assets and Liabilities Outstanding*, 1969–1979.

No. 862. Flow of Funds Accounts—Financial Assets of Financial and Non Financial Institutions, by Holder Sector: 1960 to 1979

[In billions of dollars. As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 192, X 229, X 821, and X 835]

SECTOR	1960	1965	1970	1974	1975	1976	1977	1978	1979
All sectors	**1,998**	**2,981**	**4,099**	**5,361**	**6,000**	**6,793**	**7,403**	**8,324**	**9,389**
Households	973	1,469	1,927	2,201	2,552	2,944	3,118	3,422	3,827
Nonfinancial business	211	292	410	566	610	668	727	826	945
Farm	8	9	11	14	15	16	18	20	22
Nonfarm noncorporate	22	25	30	35	38	41	44	49	54
Nonfinancial corporations	*182*	*259*	*370*	*517*	*558*	*610*	*665*	*757*	*869*
U.S. Government	54	71	89	106	123	145	156	186	216
U.S. Government-sponsored credit agencies and mortgage pools	12	20	51	112	127	148	175	222	282
State and local government	33	50	72	120	123	134	159	184	203
Monetary authorities	53	64	86	113	125	135	143	156	167
Commercial banking	228	341	505	795	826	891	989	1,130	1,253
Nonbank finance	370	588	827	1,129	1,282	1,463	1,634	1,841	2,097
Savings and loan associations	72	130	176	296	338	392	459	524	579
Life insurance	116	154	201	255	280	311	340	378	421
Private pension funds	38	74	110	116	147	172	179	199	237
Government retirement funds [1]	20	34	60	88	105	121	133	153	179
Finance companies	28	45	64	96	98	107	127	146	169
Mutual savings banks	41	59	80	110	122	136	150	161	165
Other insurance	26	37	50	68	77	94	113	133	157
Credit unions	6	11	18	31	37	43	52	58	62
Investment companies	17	35	48	34	42	47	43	43	46
Money market funds	-	-	-	2	4	4	4	11	45
Security brokers and dealers	7	10	16	15	18	27	30	29	31
Real estate investment trusts	-	-	4	18	14	10	7	7	7
Rest of the world	63	87	131	220	233	266	301	358	400

- Represents zero. [1] State and local government.

No. 863. Flow of Funds Accounts—Assets and Liabilities of Households, by Type of Instrument: 1960 to 1979

[As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 114-147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)					PERCENT DISTRIBUTION			
	1960	1965	1970	1975	1979	1965	1970	1975	1979
Total financial assets	**973.4**	**1,468.7**	**1,926.6**	**2,551.5**	**3,827.1**	**100.0**	**100.0**	**100.0**	**100.0**
Deposit and market instruments [1]	387.5	552.9	796.5	1,314.5	2,007.1	37.6	41.3	51.5	52.4
Demand deposits and currency	73.2	88.4	117.8	166.9	228.4	6.0	6.1	6.5	6.0
Time and savings accounts [2]	164.1	288.7	426.7	772.6	1,181.0	19.7	22.1	30.3	30.9
Money market fund shares	-	-	-	3.7	45.2	-	-	.1	1.2
Credit market instruments	150.2	175.8	252.0	371.3	552.5	12.0	13.1	14.6	14.4
U.S. Government securities	74.0	82.0	107.2	152.8	243.0	5.6	5.6	6.0	6.3
Treasury issues	71.5	76.0	84.9	133.4	189.4	5.2	4.4	5.2	4.9
Savings bonds	45.6	49.7	52.1	67.4	79.9	3.4	2.7	2.6	2.1
Other Treasury	25.9	26.3	32.8	66.0	109.5	1.8	1.7	2.6	2.9
Agency issues	*2.5*	*6.0*	*22.3*	*19.4*	*53.6*	.4	1.2	.8	1.4
State and local obligations	30.8	36.4	46.0	68.1	74.3	2.5	2.4	2.7	1.9
Corporate and foreign bonds	10.0	9.5	34.3	63.5	71.6	.6	1.8	2.5	1.9
Mortgages	33.4	42.2	52.9	71.9	123.0	2.9	2.7	2.8	3.2
Open-market paper	2.0	5.6	11.7	15.1	40.6	.4	.6	.6	1.1
Corporate equities	395.5	635.6	729.4	659.7	906.9	43.3	37.9	25.9	23.7
Investment company shares	17.0	35.2	47.6	42.2	46.2	2.4	2.5	1.7	1.2
Other corporate equities	378.4	600.4	681.8	617.5	860.7	40.9	35.4	24.2	22.5
Life insurance reserves	85.2	105.9	130.5	166.6	210.7	7.2	6.8	6.5	5.5
Pension fund reserves	90.8	154.8	239.4	365.7	622.1	10.5	12.4	14.3	16.3
Security credit	1.1	2.5	4.4	4.5	11.3	.2	.2	.2	.3
Miscellaneous assets	13.3	17.0	26.3	40.6	69.0	1.2	1.4	1.6	1.8
Total liabilities	**228.2**	**359.0**	**502.0**	**801.2**	**1,375.8**	**100.0**	**100.0**	**100.0**	**100.0**
Credit market instruments	218.4	343.6	481.2	772.3	1,326.9	95.7	95.9	96.4	96.4
Mortgages	145.8	227.9	309.7	503.8	875.9	63.5	61.7	62.9	63.7
Installment consumer credit	45.1	73.9	105.5	172.4	311.3	20.6	21.0	21.5	22.6
Other consumer credit	20.1	29.3	37.6	50.9	70.9	8.2	7.5	6.4	5.2
Bank loans, n.e.c. [3]	1.2	2.5	7.5	13.7	23.2	.7	1.5	1.7	1.7
Other loans	6.3	10.0	20.9	31.5	45.5	2.8	4.2	3.9	3.3
Security credit	5.4	9.1	10.4	12.1	22.9	2.5	2.1	1.5	1.7
Trade credit	2.1	3.0	5.3	9.1	14.6	.8	1.1	1.1	1.1
Unpaid life insurance premiums [4]	2.4	3.3	5.1	7.7	11.4	.9	1.0	1.0	.8

- Represents zero. [1] Excludes corporate equities. [2] Includes savings accounts at commercial banks and savings institutions. [3] "N.e.c." means not elsewhere classified. [4] Includes deferred premiums.

Source of tables 862 and 863: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978; Assets and Liabilities Outstanding, 1969-1979;* and *Annual Statistical Digest.*

No. 864. Flow of Funds Accounts—Assets and Liabilities of Private Nonbank Financial Institutions, by Type of Transaction: 1979

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS [1]		FINANCE COMPANIES		OTHER [2]	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**2,096.8**	(x)	**165.0**	(x)	**579.1**	(x)	**577.2**	(x)	**415.7**	(x)	**168.9**	(x)	**190.9**	(x)
Liabilities	(x)	**1,970.6**	(x)	**152.8**	(x)	**546.6**	(x)	**508.2**	(x)	**415.7**	(x)	**161.5**	(x)	**185.8**
Demand deposits and currency	22.6	–	2.9	–	2.1	–	4.3	–	5.6	–	4.6	–	3.2	–
Time and savings accounts	38.6	672.0	.4	145.6	6.0	470.1	–	–	8.7	–	–	–	23.5	56.2
Fed. funds, security RP's	14.5	8.0	3.0	–	11.5	8.0	–	–	–	–	–	–	–	–
Money market fund shares	–	45.2	–	–	–	–	–	–	–	–	–	–	–	45.2
Reserves:														
Life insurance	–	201.6	–	–	–	–	–	201.6	–	–	–	–	–	–
Pension fund	–	554.4	–	–	–	–	–	138.8	–	415.7	–	–	–	–
Corporate equities	287.6	46.2	5.5	–	–	–	65.7	–	160.0	–	–	–	36.4	46.2
Credit market instruments [3]	1,636.7	205.8	148.5	–	531.2	58.3	469.8	–	215.6	–	164.3	139.0	107.3	8.5
Securities:														
U.S. Treasury	72.3	–	4.3	–	4.7	–	16.7	–	33.4	–	–	–	13.3	–
Federal agency	90.6	–	15.5	–	32.1	–	15.6	–	24.0	–	–	–	3.4	–
State and local	90.4	–	3.2	–	1.2	–	81.1	–	4.0	–	–	–	1.0	–
Corporate and foreign bonds	366.3	61.7	20.8	–	–	3.0	195.3	–	141.4	–	–	57.0	8.8	1.7
Mortgages	727.5	12.1	98.7	–	475.7	9.5	119.5	–	12.9	–	11.4	–	9.4	2.6
Consumer credit	148.7	–	3.6	–	14.3	–	–	–	–	–	82.6	–	48.2	–
Bank loans, n.e.c.	–	28.3	–	–	–	4.0	–	–	–	–	–	20.8	–	3.5
Open market paper	36.2	61.9	2.4	–	3.4	–	7.3	–	–	–	–	61.2	23.1	.7
Security credit	18.8	27.8	–	–	–	–	–	–	–	–	–	–	18.8	27.8
Trade credit	12.9	–	–	–	–	–	12.9	–	–	–	–	–	–	–
Taxes payable	–	6.8	–	–	–	1.8	–	3.8	–	–	–	.9	–	.3
Miscellaneous	65.1	202.9	4.8	7.2	28.3	8.3	24.6	164.1	5.8	–	–	21.5	1.6	1.8

– Represents zero or rounds to zero. X Not applicable. [1] Retirement funds of State and local governments and private pension plans. [2] Credit unions, money market funds, open-end investment companies, real estate investment trusts, and security brokers and dealers. [3] Includes "other" loans, not shown separately.

No. 865. Flow of Funds Accounts—Credit Market Debt Outstanding: 1960 to 1979

[In billions of dollars. As of Dec. 31. "N.e.c."=Not elsewhere classified]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Credit market debt	**780**	**1,109**	**1,599**	**2,181**	**2,405**	**2,619**	**2,904**	**3,291**	**3,768**	**4,246**
Government	308	366	450	543	570	669	754	831	908	964
Federal	236	262	301	349	361	446	516	573	626	664
State and local	72	103	149	194	209	223	238	259	282	300
Nongovernment	472	743	1,149	1,638	1,835	1,950	2,150	2,460	2,860	3,282
Financial [1]	30	59	116	194	232	244	268	320	399	466
Sponsored credit agencies [2]	8	14	39	60	77	80	83	88	111	136
Mortgage pools	(z)	1	5	18	24	34	50	70	89	118
Commercial banks [3]	–	2	4	9	13	13	13	15	22	27
Savings and loan assns	3	9	14	22	27	24	24	34	49	58
Finance companies	19	34	52	71	76	77	83	101	120	139
Foreign	23	38	52	68	81	94	115	129	166	184
Private domestic nonfinancial	418	646	981	1,377	1,521	1,611	1,767	2,012	2,295	2,612
Corporations [1]	154	223	376	522	600	630	679	756	846	958
Bonds	75	98	167	210	231	261	286	311	334	359
Mortgages	33	54	81	127	141	152	165	185	207	234
Bank loans, n.e.c.	38	61	103	150	180	169	172	193	224	266
Finance company loans	6	8	14	22	28	30	36	46	54	61
Individuals	264	423	605	855	922	982	1,088	1,256	1,449	1,654
By sector:										
Households	218	344	481	672	723	772	863	1,003	1,165	1,327
Farm	20	32	47	67	75	84	95	109	128	155
Nonfarm noncorporate	26	47	77	116	124	126	130	143	157	173
By type of instrument:										
Mortgages	173	277	387	548	596	641	714	826	951	1,087
Consumer credit	65	103	143	204	214	223	249	289	340	382
Policy loans	6	8	17	21	24	26	27	29	31	36
Bank loans, n.e.c.	10	17	30	45	47	45	46	51	55	63
Other loans	10	18	28	37	42	47	53	61	71	86

– Represents zero. Z Less than $500 million. [1] Includes other types, not shown separately. [2] U.S. Government. [3] Includes bank affiliates.

Source of tables 864 and 865: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts 1949-1978; Assets and Liabilities Outstanding, 1969-1979;* and *Annual Statistical Digest.*

NO. 866. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET SUPPLY OF FUNDS: 1960 TO 1979

[In billions of dollars. As of December 31. Excludes corporate equities. See also *Historical Statistics, Colonial Times to 1970*, series X 64-105]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Credit market debt claims against nonfinancial sectors	750	1,050	1,483	1,987	2,173	2,375	2,636	2,972	3,369	3,760
Public agency and foreign holdings	78	114	195	291	342	387	441	526	636	719
U.S. Government securities	39	56	85	137	149	171	198	238	282	285
Residential mortgages [1]	10	14	39	66	87	99	110	135	174	220
Other loans and securities	28	45	71	88	107	117	133	154	180	214
Agency debt excluded from total [2]	8	15	44	78	101	115	133	159	200	254
Private domestic holdings [3]	680	950	1,331	1,774	1,931	2,103	2,328	2,604	2,932	3,295
U.S. Government securities	204	219	258	289	311	387	449	492	544	632
State and local obligations	71	100	144	191	208	224	240	263	291	313
Corporate and foreign bonds	80	106	179	221	242	275	306	328	351	378
Residential mortgages	153	249	326	454	480	504	559	643	731	812
Other mortgages and loans	174	282	435	634	711	730	791	898	1,048	1,203
Private financial intermediation:										
Claims held by institutions [4]	496	752	1,072	1,492	1,617	1,741	1,931	2,188	2,486	2,782
Commercial banks	197	301	447	653	720	749	809	896	1,025	1,145
Savings institutions	110	184	255	377	400	454	524	606	682	736
Insurance and pension funds	160	219	292	346	376	416	466	535	609	685
Sources of funds:										
Domestic deposits [5]	280	437	618	907	974	1,066	1,191	1,331	1,474	1,601
Credit market debt	22	44	72	116	131	130	134	161	199	232
Insurance and pension reserves	133	182	242	282	313	342	374	426	484	536
Private domestic nonfinancial investors:										
Credit market claims [4]	206	242	331	398	446	491	532	577	646	746
U.S. Government securities	105	115	140	152	171	195	212	234	267	321
State and local obligations	36	43	51	60	69	78	81	84	87	86
Corporate and foreign bonds	10	10	34	50	55	64	69	66	65	72
Open market paper	3	7	21	30	36	35	37	46	62	74
Deposits and currency [4]	309	475	668	968	1,042	1,140	1,272	1,421	1,573	1,708
Time and savings accounts	172	310	455	694	759	843	957	1,078	1,193	1,276
At banks	70	140	224	349	393	418	462	514	568	608
At savings institutions	102	170	231	345	366	425	495	563	625	668
Demand deposits	108	127	163	199	201	208	216	234	247	252
Currency	30	37	50	62	68	74	82	90	99	107

[1] Includes Federal Home Loan Bank advances to savings and loan associations. [2] Debt of sponsored agencies and mortgage pool securities are excluded from debt of nonfinancial sectors but included in holdings of debt claims below. [3] Claims held by private financial institutions, less sources of funds of credit market debt, plus private domestic nonfinancial investors credit market claims, less FHLB advances. [4] Includes other types, not shown separately. [5] Includes repurchase agreements.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978; Assets and Liabilities Outstanding, 1969-1979;* and *Annual Statistical Digest.*

NO. 867. FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS: 1970 TO 1979

[In billions of dollars]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Funds raised, total	101.1	153.9	176.8	203.1	191.6	210.8	271.9	338.5	400.3	394.6
U.S. Government	11.9	24.9	15.1	8.3	11.8	85.4	69.0	56.8	53.7	37.4
Foreign	2.9	5.1	4.0	6.1	15.4	13.3	20.8	13.9	32.3	22.9
Private domestic nonfinancial sectors	86.4	124.0	157.7	188.8	164.4	112.1	182.0	267.9	314.4	334.4
Debt capital instruments	60.2	86.7	102.1	105.1	98.0	98.4	123.5	175.6	196.6	203.8
Other debt instruments	20.4	24.8	44.7	75.8	62.3	3.8	48.0	89.5	115.2	127.3
Corporate equities	5.7	7.4	10.9	7.9	4.1	9.9	10.5	2.7	2.6	3.2
Funds advanced	101.1	153.9	176.8	203.1	191.6	210.8	271.9	338.5	400.3	394.6
Private domestic nonfinancial sectors	62.5	88.6	122.7	140.3	118.9	140.4	168.5	189.7	217.0	222.2
Deposits	61.1	93.7	106.7	101.2	73.8	98.1	131.9	149.5	151.8	137.2
Credit market instruments, net	1.4	−5.1	16.0	39.0	45.1	42.2	36.6	40.2	65.2	85.0
Other sources	38.6	65.4	54.1	62.9	72.7	70.4	103.4	148.8	183.3	172.3

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978,* and *4th Quarter 1979.*

No. 868. Uses and Sources of Funds—Summary: 1960 to 1979

[In billions of dollars, except percent. See tables 861-866 for related data on financial flows]

USE AND SOURCE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Uses, funds raised	39.6	67.1	95.2	186.2	187.5	200.5	263.5	337.6	388.5	385.8
Investment funds	28.6	45.9	69.7	120.6	114.8	119.5	145.9	192.8	216.8	232.8
Short-term funds	13.1	23.1	18.6	66.0	62.5	2.9	58.2	93.3	124.8	120.8
U.S. securities, privately held	−2.2	−1.9	6.9	−.4	10.2	78.1	59.4	51.5	46.8	32.2
Less: Financial intermediaries, funds raised	*3.3*	*7.9*	*12.7*	*31.8*	*23.8*	*5.3*	*15.2*	*27.5*	*49.1*	*49.9*
Sources, gross funds supplied	42.9	75.0	108.0	218.0	211.3	205.8	278.7	365.1	437.6	435.7
Commercial banks	9.5	28.5	37.3	81.3	64.4	31.5	66.3	89.9	125.9	125.5
Percent of funds supplied	22.1	38.0	34.5	37.3	30.5	15.3	23.8	24.6	28.8	28.8
Insurance companies	6.5	9.7	13.0	21.7	19.6	25.0	39.2	48.6	52.6	53.0
Private noninsured pension funds	3.7	5.8	7.7	9.2	7.9	14.1	12.5	16.5	16.0	22.0
State and local government retirement funds	2.1	3.3	6.1	6.7	8.0	10.5	11.7	14.4	16.2	18.8
Savings and loan associations	7.3	9.6	12.7	26.5	19.6	36.6	51.9	64.9	57.2	50.4
Mutual savings banks	1.5	4.0	4.1	4.8	3.4	10.9	12.5	11.7	7.9	4.5
Credit unions	.6	1.1	1.6	3.6	3.0	5.0	6.6	8.4	9.6	4.5
Investment companies	1.1	1.9	1.9	1.4	2.0	3.1	1.4	2.9	5.2	21.7
Other financial intermediaries	3.2	5.0	3.9	16.3	4.3	−1.6	7.2	17.6	19.7	23.8
Business	−4.5	1.5	4.1	−.7	13.0	13.4	16.0	11.6	11.1	18.3
Government	2.5	4.1	10.8	9.5	17.1	21.6	16.9	16.7	33.1	28.4
Foreign investors	1.8	−.2	10.5	4.0	12.2	10.4	17.9	42.1	40.1	−12.3
Individuals and others	7.6	.6	−5.7	33.7	36.8	25.3	18.5	19.7	43.1	77.1
Total net sources	39.6	67.1	95.2	186.2	187.5	200.5	263.5	337.6	388.5	385.8

Source: Donald Woolley and Beverly Lowen, *Credit and Capital Markets, 1980*, Bankers Trust Company, New York, N.Y.

No. 869. Federal Reserve Banks—Assets, Liabilities, and Capital Accounts: 1960 to 1979

[In billions of dollars. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 796-805]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Assets	53.0	62.7	85.9	103.1	110.8	120.4	129.3	137.8	151.1	160.8
U.S. Government securities [1]	27.4	40.8	62.1	80.5	[2] 85.7	[2] 94.1	[2] 104.1	[2] 111.3	118.6	126.2
Gold certificate reserves	17.5	13.4	10.5	11.5	11.7	11.6	11.6	11.7	11.7	11.1
Special drawing rights	(x)	(x)	.4	.4	.4	.5	1.2	1.3	1.3	1.8
Cash and collection items	7.7	7.0	11.4	8.2	8.6	9.2	8.2	9.9	13.2	14.0
Loans and acceptances	.1	.3	.4	1.3	1.3	1.4	1.0	1.2	1.8	2.1
Other assets	.3	1.1	1.1	1.2	3.2	3.3	3.2	2.4	4.5	5.6
Liabilities and capital accounts	53.0	62.7	85.9	103.1	110.8	120.4	129.3	137.8	151.1	160.8
Federal Reserve notes	28.4	37.1	50.3	64.3	70.9	77.2	83.7	93.2	103.3	113.3
Deposits	18.3	19.6	26.7	31.3	30.6	34.8	37.3	35.6	37.0	35.7
Deferred availability cash items	4.9	4.7	6.9	4.9	6.3	5.5	5.2	5.8	6.5	6.8
Other, and accrued dividends	(z)	.2	.6	1.0	1.1	1.1	1.1	1.2	2.1	2.7
Capital accounts	1.2	1.1	1.4	1.7	1.8	1.9	2.0	2.1	2.2	2.3

X Not applicable. Z Less than $50 million. [1] Beginning 1970, includes securities loaned, fully secured by U.S. Government securities pledged with Federal Reserve banks. [2] Excludes securities sold and scheduled to be bought back under matched sale-purchase transactions.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 870. Federal Reserve Member Banks—Revenue and Expenses: 1960 to 1979

[Includes one member bank in the Virgin Islands. Beginning 1970, data not comparable with prior years]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Member banks	Number	6,174	6,221	5,767	5,735	5,780	5,787	5,758	5,668	5,564	5,425
Current revenue	Bil. dol	8.9	13.8	27.9	41.7	53.8	51.4	63.6	70.5	89.1	118.9
Expenses	Bil. dol	5.7	10.2	22.2	35.0	46.8	44.4	55.9	61.7	77.8	105.8
Net current earnings	Bil. dol	3.3	3.6	5.7	6.7	7.0	7.0	7.7	8.8	11.3	13.1
Net income	Bil. dol	1.7	2.1	3.8	5.0	5.4	5.5	5.9	6.6	7.9	9.2
Cash dividends declared	Bil. dol	.7	1.1	1.8	2.0	2.3	2.5	2.5	2.6	2.9	3.5
Capital accounts [1]	Bil. dol	16.7	24.1	33.1	43.0	46.6	50.2	53.0	59.2	64.4	70.8
Ratios to average capital accounts:											
Net current earnings	Percent	19.6	15.1	17.3	15.5	15.1	13.9	14.5	14.9	17.5	18.5
Net income	Percent	10.1	8.7	11.5	11.7	10.7	11.0	11.1	11.1	12.3	13.0
Cash dividends declared	Percent	4.4	4.4	5.3	4.7	4.9	4.9	4.7	4.4	4.5	4.9

[1] Averages of amounts reported for varying call dates; for details, see source.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 871. Federal Reserve System—Member Bank Reserves: 1965 to 1979

[In billions of dollars. As of December; averages of daily figures]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Factors supplying reserve funds:										
Federal Reserve bank credit outstanding [1]	43.9	66.7	76.9	85.6	94.0	99.7	107.6	116.4	129.3	140.0
U.S. Government securities [2]	40.9	61.7	71.1	79.7	86.7	92.1	100.3	107.9	117.3	126.3
Float	2.3	3.6	3.5	3.4	2.7	3.0	3.6	5.3	7.4	6.5
Other Federal Reserve assets	.5	1.4	2.2	2.4	3.8	3.7	3.2	3.1	4.6	7.2
Gold stock	13.8	11.1	10.4	11.6	11.6	11.6	11.6	11.7	11.6	11.1
Special drawing rights accounts	(x)	.4	.4	.4	.4	.5	1.2	1.2	1.3	1.8
Treasury currency outstanding	5.6	7.1	8.3	8.7	9.2	10.1	10.9	11.4	11.8	12.9
Factors absorbing reserve funds:										
Currency in circulation	42.2	57.0	66.1	71.6	79.0	35.8	93.7	102.9	113.4	123.8
Treasury cash holdings	.8	.4	.4	.3	.2	.5	.5	.4	.3	.4
Deposits with Federal Reserve banks [3]	1.1	1.7	2.4	3.0	3.0	5.1	7.4	6.6	5.0	3.6
Other Federal Reserve accounts	.4	2.3	2.4	2.9	3.3	3.2	3.2	3.7	4.3	5.3
Member bank reserves	22.7	29.3	[4] 31.4	[5] 35.1	36.9	[4] 35.0	[4] 35.1	[4] 36.5	41.6	44.1
With Federal Reserve banks	18.7	23.9	24.8	28.4	29.8	27.2	26.4	27.1	31.2	[5] 32.6
Currency and coin [6]	4.0	5.3	6.1	6.6	7.2	7.8	8.5	9.4	10.3	11.3
Required reserves	22.3	29.0	31.1	34.8	36.6	34.7	35.0	36.3	41.4	43.6
Excess reserves	.5	.3	[4] .2	[4] .3	.3	.3	.2	.2	.1	.5
Free reserves [7]	(−z)	(−z)	−.8	−1.0	−.4	.1	.1	−.4	−.7	−1.0

X Not applicable. Z Less than $50 million. [1] Includes industrial loans and acceptances, when held. [2] Includes Federal agency obligations. [3] Other than member bank reserves. [4] Includes $428 million for 1972 and $81 million for 1973 of reserve deficiencies for which Federal Reserve banks are allowed to waive penalties for a transition period. Transition period ended after second quarter 1974. Beginning with week ending Nov. 19, 1975, adjusted to include waivers of penalties for reserve deficiencies. [5] Includes reserves of member banks, Edge Act corporations, and U.S. agencies and branches of foreign banks. [6] Beginning 1965, figures are estimates. [7] Excess less borrowings.

No. 872. Federal Reserve System—Member Bank Reserve Requirements: 1975 to 1980

[Under criteria effective Nov. 9, 1972, a reserve city is designated by the presence of a Federal Reserve Bank or branch or of the head office of a bank having net demand deposits of more than $400 million. Banks having net demand deposits of $400 million or less are considered to have character of business of banks outside reserve cities and may maintain reserves at ratios set for banks not in reserve cities. See also *Historical Statistics, Colonial Times to 1970,* series X 813-820]

EFFECTIVE DATE OF CHANGE	PERCENT OF NET DEMAND DEPOSITS [1] [2]					PERCENT OF TIME AND SAVINGS DEPOSITS [2] [3]						
	$2 million or less	$2-$10 million	$10-$100 million	$100-$400 million	Over $400 million [2] [3]	Savings [4]	$5 million and under, [4] maturing in—			Over $5 million, [4] maturing in—		
							30-179 days	180 days-4 yr.	4 yr. or more	30-179 days	180 days-4 yr.	4 yr. or more
1975—Feb. 13	7½	10	12	13	16½	3		3		6	3	
Oct. 30	7½	10	12	13	16½	3	3		[5] 1	6	3	[5] 1
1976—Jan. 8	7½	10	12	13	16½	3	3	[5] 2½	[5] 1	6	[5] 2½	[5] 1
Dec. 30	7	9½	11¾	12¾	16¼	3	3	[5] 2½	[5] 1	6	[5] 2½	[5] 1
In effect Aug. 31, 1980	7	9½	11¾	12¾	16¼	3	3	[5] 2½	[5] 1	6	[5] 2½	[5] 1

	Minimum	Maximum
Legal requirements as of Aug. 31, 1980:		
Net demand deposits, reserve city banks	10	22
Net demand deposits, other banks	7	14
Time deposits	3	10
Borrowings from foreign banks	-	22

- Represents zero. [1] Demand deposits subject to reserve requirements are gross demand deposits minus cash items in process of collection and demand balances due from domestic banks. [2] Reserve requirements shown in table are graduated, and apply to all member banks. Reserves are required against net balances due from domestic offices of member banks to their foreign branches, against foreign branch loans to U.S. residents, and against borrowings from foreign banks by domestic offices of a member bank. Applicable reserve percentage on May 22, 1975 was 4 percent and was reduced to zero effective Aug. 24, 1978. Effective with the reserve computation period beginning Nov. 16, 1978, domestic deposits of Edge corporations are subject to the same reserve requirements as deposits of member banks. [3] Negotiable order of withdrawal (NOW), Christmas, vacation club, and like accounts are subject to same requirements as savings. [4] Effective Nov. 2, 1978, a supplemental reserve requirement of 2 percent was imposed on large time deposits of $100,000 or more, obligations of affiliates, and ineligible acceptances. Effective with the reserve maintenance period beginning Oct. 25, 1979, a marginal reserve requirement of 8 percent was added to managed liabilities in excess of a base amount, with the maintenance period beginning Apr. 3, 1980, this requirement was increased to 10 percent, and with the maintenance period beginning June 12, 1980 it was decreased to 5 percent and to zero beginning July 24, 1980. [5] Average reserves on all time deposits must be at least 3 percent.

Source of tables 871 and 872: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 873. Changes in Number of Operating Banking Offices: 1960 to 1979

[As of **December 31.** Includes Puerto Rico and outlying areas]

TYPE OF CHANGE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Banking offices	**25,105**	**30,958**	**37,166**	**42,886**	**45,308**	**47,239**	**48,654**	**50,695**	**52,608**	**54,928**
Number of banks	13,999	14,324	14,199	14,676	14,961	15,130	15,170	15,207	15,206	15,201
Number of branches	11,106	16,634	22,967	28,210	30,347	32,109	33,484	35,488	37,402	39,727
Net change during year	**863**	**1,231**	**1,584**	**2,224**	**2,422**	**1,931**	**1,415**	**2,041**	**1,909**	**2,320**
Offices opened	1,060	1,454	1,864	2,424	2,730	2,224	1,819	2,524	2,426	2,895
Banks	132	202	186	345	408	277	193	206	184	239
Branches	928	1,252	1,678	2,079	2,322	1,947	1,626	2,318	2,242	2,656
Offices closed	197	223	280	200	308	293	404	483	517	575
Banks	137	159	165	105	123	108	153	169	185	244
Branches	60	64	115	95	185	185	251	314	332	331

No. 874. Banking Offices, by Deposit Insurance Status: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series X 716-724]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
All banking offices	**24,954**	**30,776**	**36,910**	**42,593**	**45,011**	**46,931**	**48,345**	**50,384**	**52,292**	**54,618**
Commercial bank, total	23,954	29,556	35,330	40,620	42,890	44,610	45,792	47,603	49,286	51,280
Member, Fed. Reserve System	14,301	18,514	21,940	24,694	25,718	26,462	27,097	27,845	28,392	29,102
National banks	10,036	13,776	17,142	19,567	20,437	21,009	21,402	22,235	22,671	23,246
State banks	4,265	4,738	4,798	5,127	5,281	5,453	5,695	5,610	5,721	5,856
Nonmember banks	9,653	11,042	13,390	15,926	17,172	18,148	18,695	19,758	20,894	22,178
Insured	9,253	10,723	13,159	15,673	16,884	17,841	18,368	19,397	20,510	21,770
Noninsured	400	319	231	253	288	307	327	361	384	408
Mutual savings bank, total	1,000	1,220	1,580	1,973	2,121	2,321	2,553	2,781	3,006	3,338
Insured	706	911	1,222	1,562	1,706	1,896	2,125	2,302	2,517	2,840
Noninsured	294	309	358	411	415	425	428	479	489	498

Source of tables 873 and 874: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 875. Bank Mergers Resulting in National Banks, by Assets of Acquiring and Acquired Banks: 1970 to 1978

[Includes all forms of acquisition involving two or more operating banks. The bank with the larger total assets in each transaction was considered to be the acquiring bank]

ASSETS OF ACQUIRING BANKS	ACQUIRING BANKS								ACQUIRED BANKS, 1970-1978					
	1970	1972	1973	1974	1975	1976	1977	1978	Number	With assets (in millions of dollars)				
										Under $10	$10–$25	$25–$50	$50–$100	$100 or more
Total	**82**	**57**	**56**	**70**	**40**	**75**	**103**	**62**	[1] **603**	**216**	**192**	**120**	**30**	**45**
Under $10 mil	2	2	3	5	4	3	2	–	23	23	–	–	–	–
$10–$25 mil	10	4	5	7	4	5	2	4	42	37	5	–	–	–
$25–$50 mil	9	5	5	8	2	10	9	3	67	36	22	9	–	–
$50–$100 mil	6	12	6	11	5	13	18	11	87	30	32	23	2	–
$100 mil or more	55	34	37	39	25	44	72	44	384	90	133	88	28	45

– Represents zero. [1] 525 transactions: 21 involving 3 banks, 7 with 4 banks, 9 with 5, 1 with 6, 1 with 7, and 1 with 9.
Source: U.S. Comptroller of the Currency, *Annual Report.*

No. 876. Bank Holding Companies—Offices, Assets, Deposits: 1960 to 1979

[As of **Dec. 31.** A "bank holding company" means any company which has control over any bank or over any company that is or becomes a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Number of companies	47	53	121	1,607	1,677	1,752	1,821	1,912	2,027	2,222	2,478
Banking offices	1,463	1,954	4,155	16,161	18,471	20,593	22,056	22,990	24,243	25,614	27,099
Banks	426	468	895	2,720	3,097	3,462	3,674	3,791	3,903	4,101	4,280
Branches	1,037	1,486	3,260	13,441	15,374	17,131	18,382	19,199	20,340	21,513	22,819
Assets (bil. dol.)	20.5	31.2	92.9	467.5	563.0	640.1	661.3	700.0	795.1	905.0	1,004.7
Percent of all commercial banks	11.1	11.5	16.1	63.2	67.4	69.6	68.5	67.9	68.2	68.7	70.6
Deposits (bil. dol.)	18.3	27.6	78.1	379.4	446.6	509.7	527.5	553.6	624.3	691.1	744.7

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941-1970; Annual Statistical Digest;* and unpublished data,

No. 877. Changes in Commercial Banking Structure: 1953 to 1979

[Number of banks, beginning of period, may not correspond to number of banks, end of previous period due to change between types of banking permitted in a State; see footnotes. Minus sign (–) denotes decrease]

CHANGE	1953–1979	1967 and 1968	1969 and 1970	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979
All commercial banks:								
Number of banks, beginning of period	14,074	13,766	13,678	13,686	13,927	14,458	14,671	14,711
New banks organized	4,872	191	319	472	752	464	380	235
Mergers and absorptions	–3,991	–266	–297	–218	–214	–234	–331	–172
Voluntary liquidations, suspensions	–247	–19	–14	–13	–7	–17	–9	–66
Number of banks, end of period	14,708	14,678	13,686	13,927	14,458	14,671	14,711	14,708
Net change in banks	634	–88	8	241	531	213	40	–3
Number of branches, end of period	36,575	19,467	21,646	24,943	28,435	34,582	34,578	36,575
Net change in branches	31,049	2,106	2,631	2,968	3,821	3,460	3,456	1,993
States with statewide branch banking: [1]								
Number of banks, beginning of period	1,287	[2] 1,478	1,394	1,306	[3] 1,548	[4] 1,944	1,914	1,936
New banks organized	1,059	32	42	105	180	110	137	88
Mergers and absorptions	–1,353	–114	–129	–73	–87	–132	–111	–26
Voluntary liquidations, suspensions	–85	–2	–1	–1	–2	–8	–4	–61
Number of banks, end of period	908	1,394	1,306	1,337	1,639	1,914	1,936	1,937
Net change in banks	–379	–84	–88	31	91	–30	22	1
Number of branches, end of period	18,303	7,910	8,923	9,997	12,529	17,628	17,624	18,303
Net change in branches	11,023	810	1,013	1,074	1,359	908	904	675
States with limited branch banking: [5]								
Number of banks, beginning of period	5,724	[6] 5,110	[7] 4,995	[8] 5,606	[9] 5,615	5,678	[10] 6,141	6,005
New banks organized	1,141	68	99	107	183	104	79	50
Mergers and absorptions	–2,372	–130	–149	–135	–119	–91	–212	–140
Voluntary liquidations, suspensions	–65	–9	–5	–5	–1	–2	–3	–1
Number of banks, end of period	5,914	5,039	4,940	5,573	5,678	5,689	6,005	5,914
Net change in banks	–1,296	–71	–55	–33	63	11	–136	–91
Number of branches, end of period	15,893	10,404	11,654	13,628	14,694	16,003	14,827	15,893
Net change in branches	17,095	1,125	1,444	1,645	2,046	1,309	1,804	1,066
States with unit banking: [11]								
Number of banks, beginning of period	7,063	7,987	[12] 7,289	7,440	[13] 6,764	7,141	[14] 6,616	6,770
New banks organized	2,672	97	178	260	389	250	164	97
Mergers and absorptions	–266	–22	–19	–10	–8	–11	–8	–6
Voluntary liquidations, suspensions	–97	–8	–8	–7	–4	–7	–2	–4
Number of banks, end of period	6,857	8,054	7,440	7,683	7,141	7,373	6,770	6,857
Net change in banks	2,309	67	151	243	377	232	154	87
Number of branches, end of period	2,379	1,153	1,069	1,318	1,212	1,605	2,127	2,379
Net change in branches	2,931	171	174	249	416	393	748	252

[1] Alaska, Ariz., Calif., Conn., Del., Hawaii, Idaho, Maine, Md., Nev., N.J., N.Y., N.C., Oreg., R.I., S.C., S. Dak., Utah, Vt., Va., Wash., and D.C. [2] Maine from limited, and S. Dak. from unit banking. [3] N.J. from limited. [4] N.Y. from limited. [5] Ala., Ark., Fla., Ga., Ind., Iowa, Ky., La., Mass., Mich., Miss., N. Mex., Ohio, Pa., Tenn., and Wis. [6] Wis. from unit banking. [7] Maine to statewide. [8] Iowa from unit banking. [9] Ark. from unit banking, and N.J. to statewide. [10] N.Y. to statewide, and Fla. from unit banking. [11] Colo., Ill., Kans., Minn., Mo., Mont., Nebr., N. Dak., Okla., Tex., W. Va., and Wyo. [12] S. Dak. to statewide, and Wis. to limited. [13] Iowa and Ark. to limited. [14] Fla. to limited.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; *Annual Statistical Digest*; and unpublished data.

No. 878. Banks Closed Due to Financial Difficulties: 1941 to 1979

[Prior to 1959, excludes Alaska and Hawaii. Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970*, series X 741, 748, 756, and 761]

ITEM	Unit	1941–1950	1951–1960	1961–1970	1971–1973	1974	1975	1976	1977	1978	1979
Total banks	Number	73	43	63	15	4	14	17	6	7	10
Insured	Number	61	28	50	13	4	13	16	6	7	10
Noninsured	Number	12	15	13	2	–	1	1	–	–	–
Deposits	$1,000	102,618	114,972	342,360	1,203,232	1,575,832	340,574	865,659	205,208	854,154	110,696
Insured	$1,000	99,276	104,610	334,570	1,123,928	1,575,832	339,574	864,799	205,208	854,154	110,696
Noninsured	$1,000	3,342	10,362	7,790	79,304	–	1,000	860	–	–	–

– Represents zero.

Source: Federal Deposit Insurance Corporation, *Annual Report.*

No. 879. Commercial Banks—Assets and Liabilities: 1965 to 1979

[In billions of dollars, except number of banks. As of Dec. 31. Includes noninsured nondeposit trust companies. Includes outlying areas. Includes American branches of foreign banks (tabulated as banks) licensed to do a deposit business. See *Historical Statistics, Colonial Times to 1970*, series X 588-609, for related data]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Number of banks	13,818	13,705	14,194	14,488	14,657	14,698	14,738	14,741	14,738
Assets	**382.9**	**581.5**	**842.9**	**927.5**	**974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**
Securities, total	104.6	148.5	169.9	195.9	230.8	253.2	261.0	272.0	287.8
Investment securities [1 2]	104.6	142.7	161.2	187.9	225.5	243.7	252.9	([3])	([3])
U.S. Treasury	59.7	59.3	55.7	52.3	81.6	98.0	97.0	90.6	88.6
Obligations of States and subdivisions	38.7	67.9	91.8	97.6	101.6	103.3	113.7	124.6	133.3
Federal funds sold and sec. purchased [4]	2.1	16.3	35.4	40.1	39.3	48.5	54.2	55.0	63.5
Loans, gross	204.7	300.4	464.1	514.2	512.5	552.1	632.3	737.6	813.8
Commercial and industrial loans	71.9	113.4	160.8	188.6	181.0	185.1	207.3	236.9	265.8
Real estate loans	49.7	73.3	119.1	132.1	136.5	151.2	179.0	214.0	245.2
Construction and land development	([5])	([5])	([5])	([5])	([5])	17.3	21.4	27.3	32.9
Secured by farmland	2.9	4.4	5.4	6.0	6.4	6.7	7.8	8.5	8.6
Secured by residential properties	32.4	45.6	74.9	82.4	83.1	85.9	101.9	124.4	143.9
Secured by other properties	14.4	23.3	38.7	43.7	46.9	41.3	47.9	53.8	59.7
Loans to financial institutions [6]	15.5	18.6	41.0	47.7	42.5	42.7	43.9	55.5	48.9
Securities loans (dealers and other)	8.5	9.8	12.0	9.2	11.1	15.4	17.4	14.9	13.6
Loans to farmers (excl. real estate)	8.2	11.2	17.3	18.2	20.2	23.2	25.7	28.3	31.1
Other loans to individuals	45.7	66.3	100.8	104.0	107.6	119.3	141.5	167.9	187.9
All other loans (incl. overdrafts)	5.3	7.7	13.3	14.3	13.6	15.1	17.5	20.1	21.3
Net loans	(x)	(x)	(x)	(x)	(x)	533.2	610.5	711.9	784.6
Cash, balances with banks, etc.	61.0	94.0	119.2	128.8	134.5	136.8	170.1	188.5	198.9
Other	10.4	22.4	34.1	48.4	57.7	68.4	80.9	101.4	102.9
Liabilities and equity capital	[1] **382.9**	[1] **581.5**	[1] **842.9**	[1] **927.5**	[1] **974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**
Deposits	333.8	485.5	687.6	753.6	792.9	845.1	947.1	1,043.3	1,108.7
Demand	185.5	249.0	311.7	317.5	325.5	338.7	384.9	408.5	435.0
Time	148.5	236.5	375.9	436.1	467.4	506.4	562.2	634.7	673.7
Business and personal	276.8	397.3	558.7	608.9	652.9	704.8	788.3	875.0	941.1
Government	32.4	49.7	73.9	74.6	71.1	72.3	85.1	88.8	87.2
Domestic interbank	17.5	29.2	38.0	46.0	45.3	45.6	60.4	67.1	69.3
Foreign government and bank	7.0	9.3	16.9	24.2	23.5	22.4	13.3	12.3	11.1
Miscellaneous liabilities	14.7	46.5	89.0	101.2	103.3	116.7	143.4	191.2	225.2
Subordinated notes and debentures	1.7	2.2	4.2	4.4	4.6	5.3	5.8	5.9	6.0
Equity capital	28.7	41.0	54.2	59.6	64.9	73.1	80.3	88.6	97.8
Stock	8.7	11.4	14.0	14.9	15.7	16.4	17.4	18.5	20.6
Surplus	13.6	18.2	23.7	25.5	26.9	29.3	31.7	33.7	35.5
Undivided profits and reserve	6.5	11.4	16.5	19.1	22.3	27.4	31.2	36.4	41.7

X Not applicable. [1] Includes other categories not shown separately. [2] For 1965, securities reported on net (after deduction of reserves) basis. [3] Investment securities no longer reported as a separate category. [4] Under agreements to resell. [5] Prior to 1976, included in other categories of real estate loans. [6] Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual.

No. 880. Commercial Banks—Summary, by Class of Bank: 1970 to 1978

[As of Dec. 31. Member, nonmember refers to Federal Reserve System. See *Historical Statistics, Colonial Times to 1970*, series X 717-721, for related data on banking offices]

ITEM	Total	National	State member	NONMEMBER	
				Insured	Noninsured
Number of banks:					
1970	13,687	4,621	1,147	7,735	184
1975	14,633	4,741	1,046	8,585	261
1977	14,707	4,654	1,014	8,729	310
1978	14,708	4,564	1,000	8,814	330
Banking offices:					
1970	35,531	17,157	4,802	13,139	433
1975	44,410	20,872	5,440	17,785	311
1977	47,409	22,104	5,602	19,342	361
1978	49,102	22,538	5,711	20,469	384
Gross loans (bil. dol.):					
1970	303.0	178.0	64.7	52.6	7.6
1975	546.5	315.7	100.8	118.6	11.3
1977	680.2	384.7	110.2	162.5	22.7
1978	731.7	404.3	118.4	180.5	28.4

ITEM	Total	National	State member	NONMEMBER	
				Insured	Noninsured
Assets (bil. dol.):					
1970	577.0	340.8	125.5	106.5	4.4
1975	965.2	553.3	180.5	210.9	20.5
1977	1,166.1	651.4	210.4	267.9	36.4
1978	1,317.2	721.8	235.5	306.7	53.2
Demand deposits. (bil. dol.):					
1970	247.9	145.1	58.5	42.5	1.7
1975	323.6	183.9	67.7	68.1	3.9
1977	383.0	211.6	81.2	84.2	6.0
1978	406.4	220.6	85.2	92.6	8.0
Time deposits (bil. dol.):					
1970	233.9	138.6	43.0	51.5	.9
1975	462.9	263.7	75.7	116.1	7.4
1977	556.5	308.5	82.2	154.9	10.9
1978	408.6	220.7	63.4	107.4	17.1

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 881. COMMERCIAL BANKS—ASSETS AND LIABILITIES, STATES AND OTHER AREAS: 1979

[In millions of dollars, except number of banks. As of December 31]

STATE OR OTHER AREA	Number of banks	Total assets	SELECTED ASSETS					SELECTED LIABILITIES			
			Loans and Federal funds sold	Total securities	Loans			Equity capital	Deposits		
					Total	Commercial and industrial	Real estate		Total	Demand	Time
Total	14,738	1,437,749	848,107	287,830	510,990	265,797	245,193	97,844	1,108,690	434,988	673,702
U.S.	14,708	1,425,532	841,731	285,478	507,290	263,721	243,569	97,464	1,099,365	432,792	666,573
Ala	317	15,784	9,280	4,117	5,250	2,447	2,803	1,264	13,450	4,811	8,640
Alaska	12	1,981	1,157	483	793	391	402	178	1,564	679	885
Ariz	27	12,112	7,874	2,184	4,484	1,886	2,598	596	10,303	3,733	6,570
Ark	261	10,258	6,118	2,629	3,466	1,399	2,067	793	8,757	3,245	5,512
Calif	257	159,930	103,503	21,093	69,354	30,263	39,091	9,114	122,030	44,983	77,047
Colo	410	15,134	9,215	2,612	4,893	2,687	2,206	1,086	12,606	5,612	6,994
Conn	65	12,440	7,589	2,294	5,092	2,228	2,864	770	10,289	4,366	5,923
Del	20	3,679	1,895	1,080	1,074	312	762	229	2,747	1,033	1,714
D.C	17	6,791	3,920	1,540	2,528	1,069	1,459	499	5,298	2,630	2,668
Fla	585	42,076	22,150	12,136	12,411	4,331	8,080	3,125	36,054	15,354	20,699
Ga	439	21,608	12,907	3,968	6,452	3,068	3,384	1,681	17,325	8,335	8,991
Hawaii	12	4,757	2,922	1,006	2,049	684	1,365	287	4,222	1,515	2,707
Idaho	27	4,609	2,874	955	1,553	772	781	293	3,904	1,243	2,661
Ill	1,288	108,981	66,708	23,997	42,427	26,344	16,083	7,528	77,042	26,369	50,673
Ind	406	30,266	18,085	7,735	10,897	3,650	7,247	2,179	25,207	7,788	17,419
Iowa	657	19,697	12,312	4,711	5,581	2,320	3,261	1,517	17,025	5,180	11,845
Kan	617	15,289	9,091	3,969	3,824	1,983	1,841	1,197	13,164	4,601	8,563
Ky	343	17,781	10,873	4,286	6,020	2,348	3,672	1,355	14,905	5,706	9,200
La	262	21,737	12,764	5,533	7,609	3,650	3,959	1,620	18,467	7,216	11,250
Maine	41	3,222	2,032	712	1,357	565	792	222	2,748	813	1,936
Md	102	15,061	9,559	2,960	5,969	1,965	4,004	1,071	12,555	4,759	7,796
Mass	149	26,618	15,029	5,666	9,602	6,111	3,491	1,713	19,234	8,997	10,236
Mich	372	48,730	29,853	11,422	19,556	7,073	12,483	3,289	39,809	10,963	28,847
Minn	762	27,494	16,652	6,309	9,647	4,843	4,804	1,858	21,916	7,519	14,397
Miss	183	10,585	6,244	2,812	3,404	1,320	2,084	762	9,198	3,196	6,002
Mo	727	32,142	19,116	7,331	10,346	4,667	5,679	2,234	25,367	10,245	15,122
Mont	165	4,891	3,087	1,151	1,587	754	833	361	4,321	1,363	2,958
Nebr	461	10,503	6,416	2,304	2,112	1,320	792	820	8,962	3,476	5,485
Nev	9	3,632	2,189	810	1,567	513	1,054	262	3,127	1,339	1,787
N.H	79	3,023	2,038	564	1,428	443	985	225	2,645	692	1,953
N.J	176	34,005	19,612	9,253	13,471	4,819	8,652	2,223	28,673	10,406	18,266
N. Mex	87	5,423	3,348	1,191	1,831	974	857	369	4,727	1,752	2,975
N.Y. [1]	302	262,221	138,004	33,394	81,253	63,402	17,851	17,797	168,483	92,414	76,070
N.C	83	21,572	12,497	4,848	6,654	3,910	2,744	1,430	16,968	6,806	10,161
N. Dak	175	4,870	3,035	1,246	1,545	704	841	364	4,157	1,328	2,829
Ohio	408	51,908	29,617	13,326	17,775	7,663	10,112	4,114	40,622	13,767	26,855
Okla	496	19,703	11,408	4,684	5,962	3,291	2,671	1,425	16,781	6,742	10,038
Oreg	80	12,483	7,679	2,105	4,966	2,417	2,549	722	10,223	3,457	6,766
Pa	378	77,761	46,414	18,473	30,240	14,190	16,050	5,292	59,540	18,878	40,661
R.I	17	6,009	3,832	1,212	3,011	1,220	1,791	358	4,586	1,155	3,431
S.C	85	6,964	3,973	1,706	1,881	939	942	543	5,810	3,023	2,787
S. Dak	155	4,675	3,009	1,066	1,287	626	661	341	4,184	1,185	2,999
Tenn	352	21,918	13,332	4,946	7,438	3,185	4,253	1,540	18,495	6,262	12,232
Tex	1,427	95,603	55,787	21,007	31,561	20,086	11,475	6,641	77,734	33,534	44,200
Utah	76	6,334	4,085	1,061	2,621	1,180	1,441	385	5,413	1,958	3,455
Vt	30	2,213	1,528	447	1,144	300	844	142	1,989	454	1,535
Va	234	22,250	13,847	4,971	8,435	3,058	5,377	1,621	18,758	6,245	12,513
Wash	110	20,825	14,005	2,403	8,734	5,234	3,500	1,218	16,421	5,904	10,518
W. Va	235	9,484	5,535	2,813	3,323	831	2,492	817	8,029	2,216	5,813
Wis	636	25,417	15,905	5,992	10,782	3,762	7,020	1,751	20,798	6,502	14,296
Wyo	94	3,083	1,827	767	1,045	524	521	243	2,735	1,042	1,693
P. Rico [2]	20	10,915	5,502	2,308	3,159	1,848	1,311	373	8,217	1,959	6,258
Guam [3] and Samoa	4	462	298	25	204	94	110	8	374	125	248
V.I. [4]	6	840	576	22	337	134	203	–	734	111	623

– Represents zero. [1] Includes data for 18 insured branches operated by 3 State nonmember banks in Puerto Rico. [2] Includes data for 25 insured branches operated by 2 national banks in New York. [3] Consists of data for 11 insured branches located in Guam operated by 2 State nonmember banks in Hawaii, 1 State nonmember bank and a national bank in California, and 2 national banks in New York. [4] Includes data for 24 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Pennsylvania.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual.

No. 882. Largest Commercial Banks—Financial Data, by Rank of Assets: 1960 to 1979

[In billions of dollars, except percent. As of December 31. See also table 879]

Asset group	Assets					Deposits				
	1960	1965	1970	1975	1979	1960	1965	1970	1975	1979
Total of 50 largest	**98.6**	**146.7**	**220.0**	**348.0**	**517.1**	**85.5**	**124.6**	**173.9**	**265.9**	**347.0**
Percent of all commercial banks	39.1	39.4	34.3	35.7	36.0	38.5	38.4	32.2	33.5	31.3
Lowest ten	6.6	9.2	16.4	23.0	34.5	5.9	8.1	13.5	17.8	24.7
Second ten	8.1	12.1	19.5	28.7	43.8	7.2	10.6	16.4	22.1	31.7
Third ten	10.4	14.8	24.2	34.1	54.8	9.3	12.9	20.0	25.8	38.1
Fourth ten	19.3	28.9	42.4	67.2	102.7	16.8	24.8	33.6	51.7	68.9
Highest ten	54.3	81.7	117.4	195.0	281.1	46.4	68.1	90.5	148.5	183.5
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Lowest ten	6.6	6.3	7.4	6.6	6.7	6.8	6.5	7.7	6.7	7.1
Second ten	8.2	8.2	8.9	8.2	8.5	8.4	8.5	9.4	8.3	9.2
Third ten	10.6	10.1	11.0	9.8	10.6	10.9	10.4	11.5	9.7	11.0
Fourth ten	19.5	19.7	19.3	19.3	19.8	19.6	19.9	19.3	19.4	19.8
Highest ten	55.0	55.7	53.4	56.1	54.4	54.3	54.7	52.0	55.9	52.9

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 883. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1979

[As of December 31]

Item	Unit	1975	1976	1977	1978	1979
Number of banks	Number	14,467	14,494	14,439	14,372	14,357
Equity and debt capital	Mil. dol	70,336	77,370	85,066	93,192	103,306
Equity capital to total assets	Percent	6.1	6.1	5.9	5.8	5.7
Equity capital to total deposits	Percent	8.5	7.3	7.1	7.1	7.1
Debt capital to total capital	Percent	6.3	6.7	6.9	6.6	6.1
Total capital to total assets	Percent	6.5	6.6	6.4	6.2	6.1
Total capital to total liabilities	Percent	6.9	7.0	6.8	6.6	6.5
Total capital to risk assets	Percent	9.0	9.1	8.8	8.5	8.3
Total loans, excluding Federal funds	Mil. dol	579,357	626,892	722,387	828,469	931,198
Total loans to deposits	Percent	63.4	63.2	64.7	67.4	68.4
Net loan losses to average total loans	Percent	.61	.64	.47	.37	.34
Aggregate net operating income [1]	Mil. dol	7,146	7,615	8,726	10,899	13,126
Aggregate net income to average equity capital	Percent	11.3	11.0	11.5	13.1	14.3
Aggregate net income to total assets	Percent	.72	.73	.75	.82	.88

[1] After taxes and before security transactions.

Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980.

No. 884. U.S. Banking Institutions Owned by Foreign Banks—Assets and Liabilities: 1972 to 1979

[In billions of dollars, except as indicated. As of December. Institutions include commercial banks, investment companies, agreement corporations, branches, and agencies]

Item	1972	1973	1974	1975	1976	1977	1978	1979
Number of institutions	105	119	160	179	196	247	295	334
Assets [1]	26.1	36.6	55.4	63.7	74.8	92.7	127.6	168.4
Bonds, stocks, and other securities	2.2	2.5	3.8	3.9	4.8	5.1	6.1	7.3
Loans, gross [1]	14.0	19.4	28.7	32.3	38.4	47.9	72.0	93.9
Commercial and industrial loans	9.3	12.9	19.1	20.5	20.0	22.7	33.4	46.6
To commercial banks in the U.S	1.7	3.0	3.5	5.3	6.3	9.7	12.8	18.1
To banks in foreign countries	.6	1.3	2.4	2.6	6.3	7.9	14.2	12.7
Assets due from directly related institutions	4.0	7.3	11.1	13.3	15.5	18.4	23.8	36.1
Cash assets	3.8	4.9	8.0	9.6	11.2	16.0	17.8	21.0
Liabilities [1]	26.1	36.6	55.4	63.7	74.8	92.7	127.6	168.4
Demand deposits or credit balances	4.8	5.5	9.7	9.5	12.0	16.4	19.9	22.2
Time and savings deposits	4.1	5.8	8.6	13.9	14.9	18.7	27.4	34.5
Borrowing from other than directly related institutions	3.3	9.0	12.8	13.5	15.5	19.4	30.0	40.5
Liabilities due to directly related institutions	11.3	13.1	19.1	20.6	25.9	30.9	40.4	58.5

[1] Includes items not shown separately.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 885. Savings and Loan Associations—Financial Items: 1960 to 1979

[**In billions of dollars, except number of associations.** As of **December 31**, except as indicated. Includes Puerto Rico and Guam. See headnote, table 886. Beginning 1965, excludes associations which have either liquidated or converted to banks; for details, see source. See also *Historical Statistics, Colonial Times to 1970,* series X 834-844]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Number of associations	6,320	6,185	5,669	5,298	5,170	5,086	4,931	4,821	4,761	4,725	4,709
Number insured	4,098	4,508	4,365	4,191	4,163	4,141	4,078	4,044	4,065	4,053	4,039
Total assets	**71.5**	**129.6**	**176.2**	**243.1**	**271.9**	**295.5**	**338.2**	**391.9**	**459.2**	**523.6**	**579.3**
Cash and investment securities	7.9	12.1	16.5	24.4	21.1	23.3	30.9	35.7	39.2	44.9	46.5
Mortgage loans outstanding [1]	60.1	110.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.8
Other assets	3.5	7.2	9.3	12.6	19.1	22.9	28.7	33.2	38.9	45.9	57.0
Total liabilities	**66.5**	**120.9**	**163.8**	**227.9**	**254.8**	**277.1**	**318.5**	**369.9**	**434.0**	**494.6**	**546.7**
Savings capital	62.1	110.4	146.4	206.8	227.0	243.0	285.7	335.9	386.8	431.0	470.2
Other [2]	4.4	10.5	17.4	21.1	27.9	34.1	32.7	34.0	47.2	63.6	76.5
Net worth	(NA)	(NA)	12.4	15.2	17.1	18.4	19.8	22.0	25.2	29.0	32.6
Mortgage loans made during year [1 3 4]	**14.3**	**24.2**	**21.4**	**51.4**	**49.4**	**39.0**	**55.0**	**78.8**	**107.4**	**110.3**	**100.5**
Home construction [4]	4.7	6.0	4.2	8.5	8.4	6.5	8.7	13.0	18.2	20.1	18.6
Home purchase [4]	6.1	10.8	10.2	26.6	28.2	22.6	30.7	45.7	62.5	65.6	60.7
Net new savings [5]	(NA)	(NA)	5.3	23.9	10.5	4.7	29.3	34.4	32.0	23.5	15.0

NA Not available. [1] Beginning 1970, real estate sold on contract included in mortgage lending data; prior years, in "Other assets." [2] Prior to 1970, permanent stock included in "Other liabilities"; thereafter, in "Net worth." [3] Includes loans not shown separately. [4] Covers only 1-4 unit residential structures. [5] Insured associations only.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book,* annual.

No. 886. Savings and Loan Associations—Selected Financial Items, States and Other Areas: 1978

[**In millions of dollars, except number of associations.** As of **December 31.** Major balance sheet items for all operating and insured associations not identical with those shown in table 885, primarily because some State-chartered associations submit their reports on dates other than Dec. 31]

STATE	Number of associations	Total assets	Mortgage loans outstanding	Savings capital	STATE OR OTHER AREA	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
Total	**4,725**	**520,986**	**431,384**	**429,141**	Montana	15	997	867	825
					Nebraska	44	4,493	3,772	3,540
Alabama	61	4,313	3,580	3,739	Nevada	7	1,947	1,542	1,471
Alaska	4	290	242	216	New Hampshire	17	1,015	863	858
Arizona	16	5,121	4,015	4,195	New Jersey	217	20,319	15,108	17,071
Arkansas	75	3,697	3,046	3,253	New Mexico	34	2,066	1,727	1,723
California	170	95,518	80,768	74,896	New York	127	24,927	17,640	20,690
Colorado	48	7,853	6,613	6,067	North Carolina	197	10,472	9,094	9,106
Connecticut	38	3,759	3,002	3,258	North Dakota	12	1,925	1,611	1,543
Delaware	18	279	247	224	Ohio	400	34,659	28,812	28,749
District of Columbia	16	4,738	4,216	3,749	Oklahoma	59	4,794	3,965	3,879
Florida	122	39,827	32,393	34,291	Oregon	28	5,968	4,959	4,724
					Pennsylvania	400	21,773	18,268	17,970
Georgia	96	9,378	8,036	7,948	Rhode Island	6	718	616	607
Hawaii	7	2,255	1,930	1,680	South Carolina	74	5,432	4,705	4,693
Idaho	12	934	816	744	South Dakota	18	949	764	804
Illinois	387	38,868	32,167	32,117	Tennessee	97	6,392	5,453	5,291
Indiana	166	9,355	7,802	8,022	Texas	320	27,996	22,949	22,942
					Utah	16	3,411	2,996	2,386
Iowa	78	6,320	5,367	5,325	Vermont	7	228	193	195
Kansas	83	6,215	5,460	5,079	Virginia	85	7,950	6,919	6,751
Kentucky	105	5,184	4,442	4,545					
Louisiana	122	7,007	5,909	6,064	Washington	50	8,507	7,343	6,542
Maine	21	615	508	521	West Virginia	35	1,362	1,113	1,151
					Wisconsin	117	10,971	9,525	9,081
Maryland	206	9,434	8,166	7,762	Wyoming	12	735	612	619
Massachusetts	165	7,730	5,904	6,698					
Michigan	65	15,261	12,991	13,253	Puerto Rico	12	1,639	1,340	1,268
Minnesota	62	9,200	7,697	7,550	Guam	2	65	46	52
Mississippi	60	2,496	2,028	2,146					
Missouri	114	13,628	11,239	11,267					

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends,* annual.

No. 887. Mutual Savings Banks—Assets and Liabilities: 1960 to 1979

[**In billions of dollars, except number of banks.** As of **Dec. 31.** Includes Puerto Rico and Virgin Islands. See *Historical Statistics, Colonial Times to 1970,* series X 687-688 and X 821-833, for related data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Number of banks	515	506	494	482	480	476	473	467	465	463
Assets [1]	**40.6**	**58.2**	**79.2**	**106.7**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**
Loans and discounts, gross [2]	27.1	45.3	60.4	77.1	78.7	81.3	86.8	94.4	102.4	104.5
Real estate loans	26.9	44.6	57.9	73.2	74.9	77.2	81.6	88.2	95.2	95.7
Securities	12.0	11.0	16.2	25.2	26.0	34.2	42.0	46.6	47.8	46.1
U.S. Government	10.5	6.3	5.0	7.0	6.8	10.8	14.8	17.4	18.0	18.6
Other securities	1.5	4.7	11.2	18.2	19.1	23.4	27.2	29.1	29.8	27.5
Liabilities and surplus	**40.6**	**58.2**	**79.2**	**106.7**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**
Deposits	36.4	52.8	72.1	97.2	99.4	110.6	123.7	134.9	143.7	142.0
Miscellaneous liabilities	.7	.8	1.2	1.9	2.2	2.1	2.1	2.4	3.6	5.2
Surplus accounts	3.6	4.7	5.9	7.6	8.0	8.4	9.1	10.0	10.9	10.7

[1] Includes assets not shown separately. [2] Prior to 1970, data net of valuation reserves.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 888. Selected Federal Credit Agencies—Balance Sheet Items: 1960 to 1979

[**In billions of dollars.** As of **Dec. 31.** Excludes capital accounts except for stock of home loan banks. Bonds, debentures, and notes valued at par; include only publicly offered securities and are not guaranteed by U.S. Government. Loans are gross of valuation reserves and represent cost for FNMA and unpaid principal for other agencies. See *Historical Statistics, Colonial Times to 1970* series N 300, for FHLB advances]

AGENCY AND ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Federal home loan banks (FHLB):										
Assets: Advances to members	2.0	6.0	10.6	15.1	21.8	17.8	15.9	20.2	32.7	41.8
Investments	1.2	1.6	3.9	3.4	3.1	4.4	6.1	3.7	3.4	3.7
Liabilities: Bonds and notes	1.3	5.2	10.2	15.4	21.9	18.9	16.8	18.3	27.6	33.3
Deposits and borrowings	.9	1.0	2.3	1.7	2.5	2.7	4.0	4.3	6.2	9.4
Capital stock	1.0	1.3	1.6	2.1	2.6	2.7	2.9	3.3	4.1	5.1
FNMA: [1]										
Assets: Mortgage loans	2.8	2.5	15.5	24.2	29.6	31.8	32.9	34.4	43.3	51.1
Liabilities: Debentures [2]	2.5	1.9	15.2	23.0	28.2	30.0	30.6	31.9	41.1	48.5
Banks for cooperatives:										
Assets: Loans to cooperatives	.6	1.1	2.0	2.6	3.6	4.0	4.4	5.7	6.1	8.1
Liabilities: Debentures	.4	.8	1.8	2.7	3.6	3.7	4.3	4.4	4.8	.6
Federal intermediate credit banks:										
Assets: Loans and discounts	1.5	2.5	5.0	7.2	8.8	10.0	11.3	12.8	15.7	19.1
Liabilities: Debentures	1.5	2.3	4.8	6.9	8.6	9.3	10.5	11.2	11.5	2.7
Federal land banks:										
Assets: Loans	2.6	4.3	7.2	11.1	13.6	16.6	19.1	22.8	25.6	31.0
Liabilities: Bonds	2.2	3.7	6.4	10.1	12.7	15.0	17.1	19.1	20.4	16.0
Farm credit banks: [3]										
Consolidated notes and bonds	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2.5	5.1	33.2

X Not applicable. [1] Secondary market operations of Federal National Mortgage Association. [2] Includes notes. [3] Began issuance in Sept. 1977; in 1979, issuance on a regular basis replacing financing activities of Federal land banks, Federal intermediate credit banks, and banks for cooperatives.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly

No. 889. Federal and State-Chartered Credit Unions—Summary: 1960 to 1979

[**As of December 31.** Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970,* series X 864-878]

YEAR	CREDIT UNIONS REPORTING [1]		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2 3]
1960	9,905	10,151	6,087	5,971	2,670	2,989	2,021	2,381	2,344	2,637
1965	11,543	10,521	8,641	8,115	5,166	5,385	3,865	4,233	4,536	4,682
1970	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1973	12,688	10,191	14,666	12,886	14,569	13,806	11,109	10,650	12,598	11,914
1974	12,748	10,105	15,870	13,581	16,715	15,233	12,730	11,702	14,371	13,148
1975	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1976	12,757	9,775	18,624	15,129	24,396	20,640	18,311	15,999	21,130	17,968
1977	12,750	9,580	20,427	16,375	29,688	24,500	22,718	19,389	25,576	21,120
1978	12,759	9,347	23,259	17,461	34,760	27,588	27,687	22,582	29,803	23,715
1979, prel.	12,769	9,300	24,965	18,500	35,934	29,920	28,698	24,427	30,530	25,702

[1] Does not represent number chartered; reports not received from all unions in operation, and some are inactive; Federal unions reporting is same as number in operation. [2] No State or local credit union law in Alaska, Del., S. Dak., Wyo., and for 1960-1975, Hawaii and Nev. [3] Includes members' deposits.

Source: 1960-1965, U.S. Social Security Administration, *Federal Credit Union Program,* annual. Beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State-Chartered Credit Unions.*

No. 890. Foreign Lending by Large U.S. Banks, by Country, 1977 to 1979, and by Type of Borrower and Maturity, 1978 and 1979

[**In millions of dollars.** As of **December.** *Covers 119 banks in 1977, 129 in 1978 and 130 in 1979 with assets of $1 billion or more which do* nearly all of the foreign lending in the country. *Data represent claims on foreign residents and* institutions held at all domestic and foreign offices of covered banks]

COUNTRY	1977, Total claims [1]	1978				1979					
		Total claims [1]	Bank borrowers	Public borrowers	Maturity, 1 year or less	Total claims [1]	Bank borrowers		Public borrowers	Maturity, [1] year or less	
							Total	Percent [2]		Total	Percent [2]
Total [3]	**194,575**	**217,341**	**116,434**	**39,106**	**147,826**	**246,165**	**136,129**	**55.3**	**42,560**	**174,383**	**70.8**
Algeria	1,541	1,830	428	1,111	434	1,799	301	16.7	1,178	396	22.0
Argentina	2,640	2,753	690	1,041	1,479	4,824	1,968	40.8	1,156	2,987	61.9
Australia	1,465	1,598	392	128	709	1,597	343	21.5	243	855	53.5
Austria	939	1,122	958	81	995	1,496	1,319	88.2	80	1,354	90.5
Bahamas	9,700	9,012	8,524	21	8,547	11,984	11,294	94.2	21	11,227	93.7
Bahrain	1,215	1,208	1,103	8	1,158	2,295	2,144	93.4	93	2,192	95.5
Belgium–Luxembourg	6,660	6,694	6,140	85	6,374	9,093	8,216	90.4	260	8,735	96.1
Bolivia	446	590	83	292	304	549	83	15.1	268	278	50.6
Brazil	11,993	13,438	4,909	3,110	4,719	13,584	4,634	34.1	4,088	5,319	39.2
British West Indies	2,751	4,446	4,396	4	4,396	7,502	7,362	98.1	51	7,344	97.9
Bulgaria	528	591	371	178	303	558	255	45.7	270	251	45.0
Canada	5,933	6,459	3,809	1,292	4,677	6,475	4,288	66.2	724	4,765	73.6
Chile	821	1,527	549	550	727	2,460	920	37.4	923	1,172	47.6
China:											
Mainland	(NA)	28	9	9	14	95	45	47.4	25	54	56.8
Taiwan	2,806	3,316	1,283	867	2,340	3,570	1,227	34.4	1,015	2,524	70.7
Columbia	1,293	1,497	513	483	1,024	2,169	837	38.6	551	1,575	72.6
Denmark	1,666	2,182	785	527	1,146	2,483	906	36.5	655	1,213	48.9
Ecuador	1,040	1,561	252	697	834	1,577	317	20.1	621	767	48.6
Egypt	428	565	391	108	470	664	416	62.7	152	96	14.5
Finland	1,398	1,364	435	407	604	1,343	450	33.5	399	593	44.2
France	8,916	9,149	7,132	971	7,126	9,480	7,929	83.6	873	7,700	81.2
German Dem. Rep.	980	1,151	697	363	551	1,255	700	55.8	434	604	48.1
Germany, Fed. Rep.	5,654	5,274	2,305	157	4,264	5,490	2,555	46.5	179	4,059	73.9
Greece	1,757	1,919	323	608	803	2,197	224	10.2	754	1,081	49.2
Hong Kong	1,724	2,397	1,031	39	1,713	3,597	1,795	49.9	41	2,737	76.1
Hungary	896	827	244	577	382	1,046	307	29.3	689	442	42.3
Indonesia	2,199	2,215	370	922	960	2,094	378	18.1	843	1,165	55.6
Iran	2,202	2,626	1,276	945	1,241	809	276	34.1	353	341	42.2
Ireland	557	709	95	340	292	885	184	20.8	444	379	42.8
Israel	667	1,097	794	155	896	1,309	1,037	79.2	199	972	74.3
Italy	5,372	5,745	3,271	1,681	3,876	4,477	2,492	55.7	1,074	2,941	65.7
Japan	12,268	14,507	8,976	114	11,800	16,176	9,415	58.2	117	13,330	82.4
Korea, Rep. of	3,072	3,802	2,033	508	2,783	5,548	3,202	57.7	681	4,265	76.9
Kuwait	536	779	599	2	724	812	584	71.9	17	745	91.7
Liberia	1,835	2,217	24	84	541	2,337	25	1.1	112	802	34.3
Mexico	11,213	10,657	2,557	4,419	4,501	11,452	2,417	21.1	4,196	5,124	44.7
Morocco	462	598	84	476	138	655	134	20.5	480	226	34.5
Netherlands	2,827	3,612	2,773	11	3,115	3,966	3,116	78.6	22	3,428	86.4
Nicaragua	563	572	208	231	419	410	127	31.0	209	302	73.7
Nigeria	129	619	174	358	220	744	101	13.6	585	165	22.2
Norway	2,068	2,199	243	166	738	2,086	287	13.8	218	788	37.8
Panama	2,446	2,886	1,505	287	2,053	3,790	2,388	63.0	285	2,910	76.8
Peru	1,831	1,665	516	921	988	1,400	429	30.6	720	811	57.9
Philippines	2,050	2,853	927	610	1,838	4,025	1,403	34.9	1,231	2,766	68.7
Poland	1,314	1,315	671	441	499	1,855	1,112	59.9	601	1,089	58.7
Portugal	585	594	427	103	477	536	304	56.5	163	392	72.9
Saudi Arabia	592	918	363	48	796	1,321	226	17.1	175	1,076	81.5
Singapore	2,858	2,767	2,282	91	2,588	4,271	3,770	88.3	66	4,004	93.7
South Africa	2,278	2,004	377	776	1,194	1,363	398	29.2	443	802	58.8
Spain	3,560	3,478	1,165	766	1,696	3,562	1,478	41.5	698	1,851	52.0
Sweden	2,151	2,195	1,011	316	1,259	2,679	1,261	47.1	738	1,605	59.9
Switzerland	2,324	3,130	2,142	48	2,895	3,094	2,224	71.9	135	2,908	94.0
Thailand	857	1,236	856	155	1,024	1,622	1,151	71.0	219	1,263	77.9
Turkey	1,465	1,583	992	433	1,224	1,470	410	27.9	980	523	35.6
U.S.S.R.	1,552	1,186	747	363	475	679	418	61.6	189	306	45.1
Un. Arab Emirates	664	1,277	474	533	795	1,382	634	45.9	484	878	63.5
United Kingdom	31,505	35,280	26,582	1,667	29,055	38,136	28,710	75.3	1,778	32,226	84.5
Venezuela	5,374	7,529	1,338	3,221	5,102	8,668	984	11.4	3,794	5,768	66.5
Yugoslavia	1,150	1,630	764	235	506	2,000	1,081	54.1	260	725	36.3
Zaire	253	243	4	233	113	234	6	2.6	222	117	50.0

NA Not available. [1] Includes nonbank private borrowers and maturity over one year, not shown separately. [2] Percent of total claims. [3] Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, press release; beginning 1979, Comptroller of the Currency, Federal Deposit Insurance Corporation, and Federal Reserve Board, joint news release.

No. 891. Mortgage Activity of Banks, Insurance Companies, and Savings and Loan Associations: 1960 to 1979

[In billions of dollars. Loans outstanding are as of end of year. Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series N 266-267, X 836-839, and X 911]

Item	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Commercial banks:											
Loans outstanding [1]	28.8	49.7	73.3	99.3	119.1	132.1	136.2	151.3	177.8	212.7	246.2
Nonfarm residential	20.4	32.4	45.6	62.8	74.9	82.4	82.9	94.3	111.7	136.3	159.7
FHA-insured	5.9	7.7	7.9	8.5	8.2	7.2	6.3	5.6	5.3	5.2	4.8
VA-guaranteed	2.9	2.7	2.6	3.2	3.3	3.2	3.1	3.0	3.0	2.8	2.7
Conventional	11.7	22.0	35.1	51.1	63.4	72.0	73.5	85.7	103.4	128.3	152.1
Other nonfarm	6.8	14.4	23.3	31.8	38.7	43.7	46.9	50.3	58.3	68.0	78.0
Farm	1.6	2.9	4.4	4.8	5.4	6.0	6.4	6.7	7.8	8.5	8.5
Mutual savings banks:											
Loans acquired	4.4	8.7	6.1	12.6	13.0	8.6	8.9	12.1	15.3	15.5	14.0
Loans outstanding [2]	26.9	44.6	57.9	67.6	73.2	74.9	77.2	81.6	88.1	94.4	99.7
Nonfarm residential	24.3	40.1	49.9	57.1	61.1	62.1	63.8	67.3	72.9	78.5	83.7
FHA-insured	7.1	13.8	16.1	16.0	15.5	14.8	14.4	14.6	14.0	13.8	13.8
VA-guaranteed	9.0	11.4	12.0	12.6	12.9	12.7	12.4	12.3	12.0	11.9	11.4
Conventional	8.2	14.9	21.8	28.5	32.7	34.6	37.0	40.4	46.9	52.9	58.5
Other nonfarm	2.6	4.5	7.9	10.4	12.0	12.7	13.3	14.3	15.2	15.9	16.0
Life insurance companies:											
Loans acquired	6.1	11.1	6.6	8.1	10.7	10.5	8.8	9.0	13.3	16.9	19.2
Nonfarm	5.6	10.0	6.3	7.4	9.7	9.5	7.7	7.5	10.9	14.2	16.2
Farm	.5	1.1	.3	.7	1.0	1.0	1.1	1.5	2.4	2.7	2.9
Loans outstanding	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	102.9	114.7
Nonfarm	38.8	55.2	68.7	71.3	75.4	79.9	82.4	84.1	87.9	92.4	102.5
FHA-insured	9.0	12.1	11.4	10.0	9.2	8.5	7.9	7.3	6.6	6.1	5.8
VA-guaranteed	6.9	6.3	5.4	4.7	4.4	4.2	3.9	3.6	3.3	3.2	3.0
Other	22.9	36.8	51.9	56.6	61.8	67.2	70.6	73.2	78.0	83.1	93.7
Farm	3.0	4.8	5.6	5.7	6.0	6.3	6.8	7.5	8.8	10.5	12.2
Savings and loan associations:											
Loans made [3]	14.3	23.8	25.8	60.6	60.0	47.8	62.6	90.7	123.8	128.2	116.9
Loans outstanding [4]	60.1	110.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.8
FHA-insured	3.5	5.1	10.2	15.4	15.1	14.5	16.5	14.7	13.9	13.2	13.0
VA-guaranteed	7.2	6.4	8.5	13.5	14.7	15.3	14.0	16.6	16.2	15.8	15.6
Conventional	49.3	98.8	131.7	177.3	202.0	219.4	248.0	291.7	351.0	403.9	447.2

[1] Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. [2] Includes a small amount of farm loans not shown separately. [3] Includes Guam. [4] Includes shares pledged against mortgage loans, and beginning 1970, junior liens and real estate sold on contract.

Source: U.S. Department of Housing and Urban Development, *The Supply of Mortgage Credit, 1970–1979.*

No. 892. Holdings of Construction, Long-Term Mortgage, and Land Loans, by Type of Loan, 1970 to 1979, and by Lender, 1979

[In billions of dollars. As of end of year]

Type of loan	1970	1975	1976	1977	1978	1979				
						Total [1]	Lender			
							Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies
Mortgage credits, total	**422.0**	**731.3**	**805.2**	**925.8**	**1,064.8**	**1,209.0**	**475.8**	**246.2**	**99.7**	**114.7**	**105.3**
Construction loans	18.3	41.4	37.2	45.0	54.2	61.9	21.7	29.8	1.9	.6	.9
1-4 unit family homes	5.4	12.9	15.3	22.0	26.2	28.1	14.9	10.7	.6	–	–
Multifamily residential	6.2	11.6	9.4	9.4	11.0	12.2	3.2	4.4	.8	–	.9
Nonresidential	6.5	16.9	12.5	13.6	16.9	21.5	3.6	14.7	.5	.6	–
Farm properties	.1	–	–	–	–	–	–	–	–	–	–
Long-term mortgage loans	399.5	678.8	757.3	871.0	999.8	1,135.8	448.8	212.1	97.6	113.6	105.4
1-4 unit family homes	266.9	434.5	493.0	578.7	677.6	784.0	382.5	138.2	67.3	15.5	56.7
FHA-insured	61.9	67.8	71.5	74.6	80.8	93.5	11.6	4.4	10.8	4.6	20.0
VA-guaranteed	37.2	56.8	61.7	69.1	75.3	85.5	15.6	2.7	11.4	3.0	11.2
Conventional	167.8	309.9	359.8	434.9	521.5	605.0	355.4	131.0	45.1	7.9	25.4
Multifamily	45.8	81.9	87.4	93.8	100.9	107.0	34.3	6.4	15.0	18.4	13.9
Nonresidential	66.4	128.4	139.0	154.8	171.3	187.2	31.5	59.1	15.3	67.5	4.7
Farm properties	20.3	33.8	37.9	43.7	49.9	57.6	.4	8.5	–	12.2	30.2
Land loans	4.2	11.1	10.7	9.8	10.9	11.4	5.3	4.3	.2	.4	–

– Represents zero. [1] Includes lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979.*

NO. 893. MORTGAGE DEBT OUTSTANDING, BY TYPE OF HOLDER: 1960 TO 1979

[**In billions of dollars, except percent.** As of **Dec. 31.** Includes Puerto Rico and Guam. 1979 data are preliminary. See also *Historical Statistics, Colonial Times to 1970*, series N 273 and N 276]

TYPE OF PROPERTY AND HOLDER	1960	1965	1970	1974	1975	1976	1977	1978	1979	PERCENT		
										1960	1970	1979
Total	**207**	**333**	**474**	**743**	**802**	**889**	**1,024**	**1,173**	**1,334**	**100.0**	**100.0**	**100.0**
Residential nonfarm	162	258	358	550	591	661	768	884	1,003	78.3	75.6	75.2
1- to 4-family homes	142	220	298	450	491	557	657	762	872	68.6	62.9	65.4
Savings and loan assns	55	94	125	202	224	261	311	356	394	26.6	26.4	29.5
Commercial banks	19	30	42	75	77	86	105	127	146	9.2	8.9	10.9
Mutual savings banks	21	34	42	49	50	53	58	62	65	10.1	8.9	4.9
Life insurance companies	*25*	*30*	*27*	*19*	*18*	*18*	*15*	14	16	12.1	*5.6*	*1.2*
Federal agencies	7	6	22	33	38	36	36	44	53	3.4	4.6	4.0
Individuals and others	15	26	40	72	84	105	133	159	198	7.2	8.5	14.8
5 or more units	20	37	60	100	101	105	112	122	131	9.7	12.7	9.8
Commercial	32	54	86	147	159	171	189	213	239	15.5	18.0	17.9
Farm	13	21	30	46	51	57	66	76	92	6.3	6.4	6.9

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 894. CONSUMER CREDIT: 1960 TO 1980

[**In billions of dollars, except percent.** Estimated amounts of credit outstanding as of **end of year or month**; extended and repaid, for entire year or month. See also *Historical Statistics, Colonial Times to 1970*, series X 551-560]

TYPE OF CREDIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Credit outstanding	**65.1**	**103.3**	**143.1**	**177.7**	**203.6**	**213.6**	**223.3**	**249.0**	**289.4**	**340.3**	**382.0**	**373.4**
Ratio to disposable personal income [1] (percent)	18.5	21.0	20.4	21.2	24.3	21.0	19.8	21.2	19.1	22.0	22.5	(NA)
Installment	45.1	73.9	105.5	133.2	155.1	164.6	172.4	194.0	230.8	275.6	311.1	303.8
Automobile paper	18.1	29.4	36.3	47.9	53.8	54.3	57.2	67.7	82.9	102.5	115.0	114.3
Revolving	(NA)	(NA)	5.1	9.7	11.7	13.7	15.0	17.2	39.3	47.1	55.3	51.8
Mobile home paper	(NA)	(NA)	2.5	9.5	13.6	14.6	14.4	14.6	15.1	16.0	17.4	17.6
All other loans	27.0	44.5	61.6	66.1	76.0	82.0	85.7	94.5	93.5	110.1	123.4	120.0
Noninstallment	20.0	29.3	37.6	44.5	48.0	48.8	51.1	55.0	58.6	64.7	70.9	69.6
Single-payment loans	9.1	15.5	19.3	25.2	27.3	26.8	27.4	28.8	32.8	36.3	39.7	38.2
Charge accounts	7.2	8.3	9.2	10.3	10.7	11.2	11.7	13.2	11.0	12.0	12.6	12.2
Service credit	3.7	5.5	9.1	9.0	10.0	10.9	12.0	13.4	14.8	16.4	18.4	19.2
Installment credit:												
Extended	50.8	79.9	115.1	152.3	173.0	172.8	180.4	211.0	254.1	298.3	322.6	22.1
Repaid	47.0	71.6	110.4	136.8	152.8	163.3	172.7	189.4	218.8	253.5	287.1	24.5
Net change	3.8	8.3	4.7	15.0	20.2	9.5	7.8	21.6	35.3	44.8	35.5	−2.4
Repayment ratio to disposable income [1] (percent)	18.8	15.2	16.2	17.1	17.0	16.5	16.0	15.9	16.8	17.5	17.7	(NA)
Life insurance policy loans [2]	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8	38.9
Delinquency rate, bank installment loans [3]	1.93	1.81	2.14	2.19	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.64

NA Not available. [1] See table 738. [2] Source: American Council of Life Insurance, Washington, D.C. Yearend figures are annual statement asset values; monthend figures are book value of ledger assets. These loans are not included in "Credit outstanding." [3] Number of loans *delinquent 30 days or more as a percentage of total installment loans* outstanding. Source: American Bankers Association, Washington, D.C., *Delinquency Rates on Bank Installment Loans.*

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 895. CONSUMER INSTALLMENT CREDIT OUTSTANDING, BY HOLDER: 1960 TO 1980

[**In billions of dollars.** As of **end of year or month.** Estimated]

HOLDER	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Total	**45.0**	**73.9**	**105.5**	**133.2**	**155.1**	**164.6**	**172.4**	**194.0**	**230.8**	**275.6**	**311.1**	**303.8**
Commercial banks	18.7	31.8	48.7	64.6	75.9	80.1	82.9	93.7	112.4	136.2	150.0	143.2
Finance companies	15.4	23.9	27.6	31.9	35.4	36.1	36.0	38.9	44.9	54.3	66.3	72.1
Credit unions	3.9	7.3	13.0	17.0	19.6	21.9	25.7	31.2	37.6	45.9	48.2	44.9
Retailers [1]	6.3	9.8	13.9	15.0	16.6	18.1	18.2	19.3	23.5	24.9	26.0	25.8
Other [2]	.7	1.1	2.3	4.8	7.6	8.4	9.5	10.9	12.4	14.3	17.1	17.8

[1] Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies.
[2] *Includes mutual savings* banks, savings and loan associations, and gasoline companies.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 896. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1972 to 1980

[**Percent per year.** Annual averages, except as indicated. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts, except personal loans]

TYPE	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Commercial banks:									
New automobiles (36 months)	10.05	10.21	10.97	11.36	11.07	10.92	11.02	12.02	15.70
Mobile homes (84 months)	10.79	10.94	11.45	11.82	11.75	11.84	12.09	12.77	15.96
Other consumer goods (24 months)	12.46	12.60	12.99	13.08	13.02	12.97	13.19	13.85	16.31
Personal loans (12 months)	12.68	12.83	13.26	13.41	13.30	13.39	13.61	14.09	16.42
Credit-card plans	17.21	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31
Finance companies:									
New automobiles	11.90	12.08	12.61	13.12	13.17	13.14	13.14	13.48	15.24
Used automobiles	16.53	16.70	17.18	17.64	17.63	17.62	17.63	17.95	19.42
Mobile homes	12.42	12.78	13.29	13.63	13.44	13.58	13.43	13.64	15.96
Other consumer goods	19.35	18.87	19.09	19.78	19.51	19.21	19.04	19.08	16.31
Personal loans	21.09	20.61	20.74	20.97	21.04	20.54	20.52	20.49	21.16

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest*.

No. 897. Percent Credit-Card Usage, by Family Characteristics, 1970 and 1977, and by Selected Type of Card, 1977

[Based on a sample survey of 2,563 households and subject to sampling variability; see source]

FAMILY CHARACTERISTIC	1970	1977, total	TYPE OF CREDIT CARD, 1977			FAMILY CHARACTERISTIC	1970	1977, total	TYPE OF CREDIT CARD, 1977		
			Gasoline	Bank	Retail				Gasoline	Bank	Retail
All families	100	100.0	100.0	100.0	100.0	Age of head —Con.					
Not using credit cards	50	40.2	68.5	65.4	50.3	45-54 years	60	68.4	39.1	39.8	56.3
Using credit cards	50	59.8	31.5	34.6	49.7	55-64 years	46	61.1	34.3	36.4	52.3
						65-74 years	37	48.7	26.6	20.1	38.9
Education of head:						75 years and over	20	33.5	15.9	11.0	24.6
0-8 grades	43	30.4	(NA)	12.9	24.3						
9-11 grades	40	44.8	(NA)	20.7	38.7	Family income:					
High school	54	57.5	(NA)	30.8	44.0	Less than $3,000	(NA)	22.2	9.5	7.6	14.7
Some college	60	70.0	(NA)	40.5	58.5	$3,000-$4,999	(NA)	23.8	10.3	5.4	18.5
Bachelor's degree	81	87.1	(NA)	66.1	70.9	$5,000-$7,499	(NA)	33.3	12.6	10.4	24.9
Advanced degree	83	93.0	(NA)	75.4	78.2	$7,500-$9,999	(NA)	48.9	18.3	21.9	43.6
Age of head:						$10,000-$14,999	(NA)	62.6	28.3	28.7	50.0
Under 25 years	42	38.7	11.6	16.0	28.7	$15,000-$19.999	(NA)	72.8	31.9	45.9	61.5
25-34 years	61	64.6	30.8	40.4	53.2	$20,000-24,999	(NA)	82.1	50.4	55.7	75.3
35-44 years	57	72.4	42.0	49.3	63.0	$25,000 and over	(NA)	90.2	62.7	67.9	77.3

NA Not available.

Source: Board of Governors of the Federal Reserve System, *1977 Consumer Credit Survey*.

No. 898. Production of U.S. Coins, by Denomination: 1965 to 1979

[**In millions of pieces.** Includes numismatic and uncirculated coins, as well as those produced for issue to the public. No gold coins have been minted since 1933; no standard silver dollars, since 1935. Public Law 93-127, Oct. 18, 1973, authorized the Secretary to mint and issue, after July 4, 1975, dollar, half-dollar, and quarter-dollar coins with designs emblematic of the Bicentennial, for general circulation; and production of 45 million numismatic silver-clad coins of same designs and denominations to be sold at premium prices]

YEAR	Total	Nonsilver dollars [1]	Silver-clad dollars [1]	Half dollars	Quarter dollars	Dimes	5-cent pieces	1-cent pieces
1965	7,920	(X)	(X)	186	1,339	1,315	2,016	3,064
1970	7,904	(X)	(X)	5	556	1,103	757	5,483
1972	8,307	168	7	298	530	765	557	5,982
1973	9,766	7	3	151	583	773	649	7,600
1974	11,657	65	3	194	587	1,044	882	8,882
1975	13,499	175	[2] 5	[2] 476	[2] 1,394	902	587	9,960
1976	12,179	63	[3] 2	[3] 150	[3] 860	1,268	935	8,900
1977	11,541	49	[4] (Z)	[4] 78	[4] 729	1,177	886	8,622
1978	12,405	62	[5] (Z)	[5] 31	[5] 812	950	708	9,842
1979	13,524	[6] 762	[7] (Z)	[7] 88	[7] 1,009	710	793	10,162

X Not applicable. Z Less than 500,000. [1] Public Law 91-607, Dec. 31, 1970, authorized Secretary of Treasury to mint and issue dollar coins for general circulation and half dollars of same composition as 25-cent and 10-cent pieces; and production of not more than 150 million numismatic silver-clad dollars to be sold to public at premium prices. [2] Includes 5 million silver-clad Bicentennial coins. [3] Includes 2 million silver-clad Bicentennial coins. [4] Includes 219,402 silver-clad Bicentennial coins. [5] Includes 84,242 silver-clad Bicentennial coins. [6] Public Law 95-447, Oct. 10, 1978, authorized production of the Susan B. Anthony dollar coin; production began in Jan. 1979. [7] Includes 312,268 Bicentennial silver-clad coins packaged and sold during 1979.

Source: U.S. Bureau of the Mint, *Annual Report of the Director*.

No. 899. Money Stock and Money in Circulation: 1950 to 1979

[In billions of dollars, except as indicated. Prior to 1970, as of June 30; thereafter, as of Dec. 31. See *Historical Statistics, Colonial Times to 1970*, series X 423, for money in circulation]

KIND OF MONEY	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total money stock	**37.9**	**42.4**	**50.2**	**68.1**	**78.7**	**85.9**	**93.0**	**92.1**	**100.1**	**111.9**	**124.7**	**138.5**
Percent gold	63.9	45.6	27.7	15.5	13.3	13.5	12.5	12.6	11.6	10.5	9.4	8.1
Bullion and coin, total	28.1	24.2	18.9	17.1	18.1	19.7	20.3	21.2	21.8	22.4	22.9	23.7
Gold [1]	24.2	19.3	13.9	10.6	10.4	11.6	11.7	11.6	11.6	11.7	11.7	11.2
Cupronickel-clad dollars	–	–	–	–	.3	.3	.3	.5	.6	.6	.7	1.4
Subsidiary and minor coin	1.4	2.1	3.2	6.0	6.9	7.3	7.8	8.6	9.2	9.6	10.1	10.6
Other [2]	2.5	2.7	1.8	.5	.5	.5	.5	.5	.5	.5	.5	.5
Paper currency, net	*35.3*	39.8	46.0	61.5	70.8	77.7	84.3	82.5	89.9	101.1	113.4	125.9
Federal Reserve notes and bank notes	23.9	28.5	37.4	53.8	62.6	68.2	75.2	81.9	89.4	100.6	112.9	125.4
Gold certificates, net [3 4]	8.7	8.5	7.4	7.1	7.7	8.9	8.6	(z)	(z)	(z)	(z)	(z)
Other	2.8	2.8	1.2	.5	.5	.5	.5	.5	.5	.5	.5	.5
Money in circulation	27.2	32.1	39.7	57.1	66.5	72.5	79.7	86.5	93.7	103.8	114.6	125.6
Per capita (dol.)	179	177	204	276	317	343	375	403	433	477	522	566

– Represents zero. Z Less than $50 million. [1] Valued at $35 per fine ounce until May 7, 1972; valued at $38 per fine ounce until October 18, 1973; $42 thereafter. Excludes gold deposited with U.S. by International Monetary Fund from September 1965 to February 1972. [2] Includes standard silver dollars. [3] Includes gold certificates outside Treasury, credits payable in gold certificates, and redemption fund for Federal Reserve notes. [4] Beginning 1975, not comparable with earlier years because of decision by Federal Reserve Banks to pledge substantially all gold certificates against Federal Reserve notes outstanding.

Source: U.S. Dept. of the Treasury, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances; Monthly Statement of United States Currency and Coin*, Form 1028; and unpublished data.

No. 900. Money in Circulation, by Denomination: 1960 to 1979

[In millions of dollars. As of December 31]

DENOMINATION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total [1]	**32,869**	**42,056**	**57,093**	**66,516**	**72,497**	**79,743**	**86,547**	**93,717**	**103,811**	**114,645**	**125,600**
Coin and small currency	**23,521**	**29,842**	**39,639**	**45,105**	**48,288**	**51,606**	**54,865**	**57,645**	**62,543**	**66,693**	**70,693**
Coin	2,427	4,027	6,281	7,287	7,759	8,332	8,959	9,483	10,071	10,739	11,658
$1 [2]	1,533	1,908	2,310	2,523	2,639	2,720	2,809	2,858	3,038	3,194	3,308
$2	88	127	136	135	135	135	135	637	650	661	671
$5	2,246	2,618	3,161	3,449	3,614	3,718	3,841	3,905	4,190	4,393	4,549
$10	6,691	7,794	9,170	9,827	10,226	10,503	10,777	10,775	11,361	11,661	11,894
$20	10,536	13,369	18,581	21,883	23,915	26,197	28,344	29,987	33,233	36,045	38,613
Large currency	**9,348**	**12,214**	**17,454**	**21,411**	**24,210**	**28,137**	**31,681**	**36,072**	**41,269**	**47,952**	**54,907**
$50	2,815	3,540	4,896	5,868	6,514	7,444	8,157	9,026	10,079	11,279	12,585
$100	5,954	8,135	12,084	15,118	17,288	20,298	23,139	26,668	30,818	36,306	41,960
$500	249	245	215	193	185	179	175	172	169	167	164
$1,000	316	288	252	225	216	209	204	200	197	194	192
$5,000	3	3	3	2	2	2	2	2	2	2	2
$10,000	10	4	4	4	4	4	4	4	4	4	4

[1] Outside Treasury and Federal Reserve banks. [2] Paper currency only; $1 silver coins reported under coin.

Source: 1960-1973, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; thereafter, U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin*, Form 1028.

No. 901. Bank Debits and Deposit Turnover: 1970 to 1980

[Annual averages of monthly data, except as indicated]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May [1]
Debits to demand deposits (tril. dol.):										
All commercial banks	11.3	15.0	18.9	22.9	25.0	29.2	34.3	40.3	49.8	61.4
Major New York City banks	4.0	5.5	6.8	8.4	9.7	11.5	13.9	15.0	18.5	25.5
Other banks	7.3	9.6	12.1	14.5	15.4	17.7	20.5	25.3	31.3	35.9
Demand deposit turnover rate: [2]										
All commercial banks	63.4	73.3	84.8	99.0	105.3	116.8	129.2	139.3	163.0	203.3
Major New York City banks	170.0	230.2	274.1	321.6	356.9	411.6	503.0	542.0	645.0	871.8
Other banks	47.0	52.8	61.2	70.6	72.9	79.8	85.9	96.7	113.1	131.6

[1] Seasonally adjusted. [2] Computed by dividing debits during a period (converted to an annual rate) by average deposits against which debits are made; indicates number of times a deposit dollar is used during the period.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 902. MONEY STOCK MEASURES AND COMPONENTS: 1960 TO 1980

[**In billions of dollars, except percent.** As of **December, except as indicated.** Seasonally adjusted averages of daily figures. See *Historical Statistics, Colonial Times to 1970*, series X 410–417 for similar data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, May
Measures: [1]											
M–1A	142	169	215	264	275	288	305	328	352	370	368
M–1B	142	169	215	264	276	289	308	333	360	386	386
M–2	311	457	625	858	906	1,022	1,167	1,294	1,402	1,526	1,562
M–3	313	479	672	976	1,059	1,161	1,300	1,460	1,624	1,775	1,825
L	403	582	813	1,137	1,243	1,370	1,524	1,716	1,928	2,141	2,216
Components:											
Currency	29	36	49	62	68	74	81	89	98	106	110
Demand deposits	113	132	166	203	207	214	224	240	254	263	258
Other checkable deposits [2]	(NA)	(Z)	(Z)	(Z)	(Z)	1	3	4	8	17	18
Savings deposits	158	255	257	322	334	384	448	487	476	417	373
Small denomination time deposits [3]	13	35	153	266	289	340	397	455	534	657	718
Large denomination time deposits [4]	2	21	44	111	144	130	118	145	195	219	235
Short-term Treasury securities	37	41	49	50	53	77	81	90	99	128	151
Savings bonds	46	50	52	60	63	67	72	77	81	80	74
Money market mutual fund shares [2]	(NA)	(NA)	(NA)	(Z)	2	4	3	4	10	44	67
Commercial paper	5	10	35	42	50	48	52	63	79	97	100
Bankers' acceptances	1	2	3	5	11	9	9	12	23	29	29
Term repurchase agreements (RPs) [2]	(NA)	(NA)	1	7	8	9	14	21	27	31	27
Overnight repurchase agreements (RPs) [2]	(NA)	(NA)	1	9	7	8	14	18	22	22	20
Term Eurodollars [2]	1	2	2	4	7	8	10	14	23	32	38
Overnight Eurodollars [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	2	4	3
Annual percent change: [5]											
M–1A	7	3.6	5.0	5.4	4.2	4.6	5.9	7.7	7.1	5.1	.7
M–1B	7	3.6	5.0	5.5	4.3	4.8	6.5	8.1	8.2	7.4	1.6
M–2	4.7	8.0	6.5	7.0	5.6	12.8	14.1	10.9	8.2	8.9	9.7
M–3	5.0	8.9	7.1	11.2	8.5	9.7	11.9	12.4	11.1	9.5	8.9
L	3.9	7.7	6.9	11.7	9.3	10.2	11.2	12.6	12.3	11.2	8.4

NA Not available. Z Less than $500 million. [1] M1–A is currency plus demand deposits; M1–B is M1–A plus other checkable deposits at banks and thrift institutions; M2 is M1–B plus overnight RPs and Eurodollars, money market mutual fund shares, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RPs at commercial banks and thrift institutions; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. [2] Not seasonally adjusted. [3] Issued in amounts of less than $100,000. [4] Issued in amounts of $100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. [5] From previous year shown: for 1960, from 1959. For average annual percent change, see Guide to Tabular Presentation.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 903. MONEY MARKET INTEREST RATES: 1960 TO 1980

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444–453]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 Jan.–June [1]
Federal funds, effective rate	3.22	4.07	7.18	8.73	10.50	5.82	5.04	5.54	7.93	11.19	13.87
Commercial paper, 3-month [2]	(NA)	(NA)	(NA)	8.20	10.01	6.25	5.24	5.55	7.94	10.97	12.86
Prime rate charged by banks	4.82	4.54	7.91	8.03	10.81	7.86	6.84	6.83	9.06	12.67	16.36
Eurodollar deposits, 3-month	(NA)	(NA)	8.52	9.28	11.04	7.03	5.58	6.03	8.78	11.96	14.46
Finance paper, 3-month [3]	3.54	4.21	7.18	7.41	8.65	6.15	5.20	5.49	7.80	10.47	11.85
Bankers acceptances, 90-day [4]	3.51	4.22	7.31	8.08	9.89	6.29	5.19	5.60	8.11	11.04	12.97
Large negotiable certificates of deposit, 3-month, secondary market	(NA)	4.35	7.56	8.41	10.24	6.44	5.27	5.64	8.22	11.22	13.28
Federal Reserve discount rate [5]	3–4	4–4½	5½–6	4½–7½	7½–8	6–7¾	5¼–6	5¼–6	6–9½	9½–12	11–13
U.S. Government securities: [6]											
3-month Treasury bill	2.87	3.95	6.39	7.03	7.83	5.77	4.97	5.27	7.19	10.07	11.48
6-month Treasury bill	3.20	4.06	6.48	7.20	7.94	6.09	5.25	5.63	7.58	10.06	11.43
1-year Treasury bill	3.41	4.06	6.48	7.01	7.70	6.28	5.52	5.71	7.74	9.75	10.94
Prime 1-year municipals [7]	2.05	2.35	4.35	3.95	4.75	3.91	3.12	2.91	4.15	5.30	6.39

NA Not available. [1] Monthly average. [2] Averages of daily offering rates of dealers. [3] Placed directly; averages of daily offering rates quoted by finance companies. [4] Prior to Aug. 15, 1974, averages of the most representative daily offering rates of dealers; thereafter, averages of the midpoint of the range of daily dealer closing rates. [5] Federal Reserve Bank of New York, low and high. [6] Averages based on daily closing bid yields in secondary market, bank discount basis. [7] Averages based on quotations for one day each month. Source: Salomon Brothers, New York, N.Y., *An Analytical Record of Yields and Yield Spreads.*

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest.*

No. 904. Federal Reserve Bank of New York—Discount Rates: 1970 to 1980

[**Percent per year.** See also *Historical Statistics, Colonial Times to 1970,* series X 454-455]

Effective date	Rate	Effective date	Rate	Effective date	Rate	Effective date	Rate	Effective date	Rate
1970: Nov. 13	5¾	1973: Jan. 15	5	1975: Jan. 10	7¼	1978: Jan. 9	6½	1979: July 20	10
Dec. 4	5½	Feb. 26	5½	Feb. 5	6¾	May 11	7	Aug. 17	10½
		May 4	5¾	Mar. 10	6¼	July 3	7¼	Sept. 19	11
1971: Jan. 8	5¼	May 11	6	May 16	6	Aug. 21	7¾	Oct. 8	12
Jan. 22	5	June 11	6½			Sept. 22	8	1980: Feb. 15	13
Feb. 19	4¾	July 2	7	1976: Jan. 19	5½	Oct. 16	8½	May 30	12
July 16	5	Aug. 14	7½	Nov. 22	5¼	Nov. 1	9½	June 13	11
Nov. 19	4¾	1974: Apr. 25	8	1977: Aug. 31	5¾			In effect June 30, 1980	11
Dec. 17	4½	Dec. 9	7¾	Oct. 26	6				

No. 905. Bank Effective Interest Rates for Commercial and Industrial Loans, Construction and Land Development Loans, and Farm Loans, by Size of Loan: 1979 and 1980

[Represents loans made during the first full business week in **May.** Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 340 banks]

Type and size of loan	Amount (mil. dol.)		Rate (percent)		Type and size of loan	Amount (mil. dol.)		Rate (percent)	
	1979	1980	1979	1980		1979	1980	1979	1980
Commercial and industrial loans:					**Construction and land development loans**	**1,020**	**1,111**	**12.23**	**18.32**
Short-term	**8,576**	**11,317**	**12.34**	**17.75**	$1,000 to $24,999	97	92	12.39	17.14
$1,000 to 24,999	950	886	12.30	17.90	$25,000 to $49,999	109	114	11.94	15.68
$25,000 to $49,999	637	518	12.69	18.78	$50,000 to $99,999	131	199	11.89	18.69
$50,000 to $99,999	589	697	13.02	18.95	$100,000 to $499,999	308	495	12.36	19.56
$100,000 to $499,999	1,428	2,159	12.61	18.49	$500,000 and over	375	211	12.28	16.99
$500,000 to $999,999	674	721	12.68	19.13					
$1 million and over	4,299	6,336	12.07	17.10	**Farm loans**	**1,057**	**1,211**	**11.20**	**17.38**
					$1,000 to $9,999	201	164	10.56	16.46
Long-term	**1,485**	**1,340**	**12.08**	**18.37**	$10,000 to $24,999	181	168	10.69	16.98
$1,000 to $99,999	423	171	11.57	18.26	$25,000 to $49,999	145	169	10.73	17.10
$100,000 to $499,999	376	181	11.80	18.64	$50,000 to $99,999	179	134	10.89	17.38
$500,000 to $999,999	127	106	12.90	18.62	$100,000 to $249,999	157	241	11.97	17.40
$1 million and over	558	882	12.48	18.30	$250,000 and over	194	335	12.35	18.14

No. 906. Time and Savings Deposits Held by Insured Commercial Banks—Deposits and Interest Rates: 1977 to 1980

Type of deposit, denomination, and original maturity	Deposits (bil. dol.)				Type of deposit, denomination, and original maturity	Interest rates payable (percent)			
	1977, July	1978, July	1979, July	1980, April		1977, July	1978, July	1979, July	1980, April
Savings and time deposits [1]	**518.1**	**576.4**	**625.1**	**686.7**	**Savings and small-denomination time deposits** [1]	**5.54**	**5.65**	**6.25**	**7.97**
Savings	215.4	220.6	217.5	190.2	Savings	4.91	4.93	5.15	5.18
Interest-bearing time deposits, less than $100,000 [1]	167.4	175.3	211.6	272.3	Interest-bearing time deposits, less than $100,000 [1]	6.35	6.35	6.63	6.69
Other than domestic governmental units	162.7	163.2	140.3	98.0	Other than domestic governmental units	6.38	6.35	6.64	6.70
30 to 90 days	7.6	5.4	2.8	1.8	30 to 90 days	4.99	4.83	4.97	5.14
90 to 180 days	31.6	29.4	23.5	16.7	90 to 180 days	5.45	5.47	5.48	5.65
180 days to 1 year	4.7	3.2	2.8	2.2	180 days to 1 year	5.48	5.49	5.47	5.65
1 to 2½ years	34.2	32.9	23.5	13.6	1 to 2½ years	5.98	5.99	5.99	5.98
2½ to 4 years	18.8	18.3	14.7	9.3	2½ to 4 years	6.48	6.49	6.46	6.47
4 to 6 years	51.7	50.9	46.0	33.2	4 to 6 years	7.17	7.22	7.26	7.22
6 to 8 years	14.1	21.7	23.9	18.8	6 to 8 years	7.45	7.48	7.49	7.48
8 years or more	(X)	1.4	3.2	2.4	8 years or more	(X)	7.61	7.69	7.68
IRA and Keogh Plans [2]	(X)	2.8	4.5	5.1					
Money market certificates [3]	(X)	5.4	64.2	158.6	IRA and Keogh Plans [2]	(X)	7.62	7.86	9.24
Small saver certificates [4]	(X)	(X)	(X)	8.8	Money market certificates [3]	(X)	7.42	9.25	11.86
Interest-bearing time deposits, $100,000 or more	128.6	174.0	189.3	218.6	Small saver certificates [4]	(X)	(X)	(X)	11.68

X Not applicable. [1] Includes types not shown separately. [2] Time deposits, 3 years or more. [3] $10,000 or more, exactly 6 months. [4] 2½ year floating-rate certificates.

Source of tables 904-906: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 907. Bond Yields, Stock Yields, and Mortgage Rates: 1960 to 1979

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474–491]

TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
U.S. Treasury, constant maturities: [1]											
3-year	3.98	4.22	7.29	5.72	6.95	7.82	7.49	6.77	6.69	8.29	9.71
5-year	4.09	4.25	7.38	5.98	6.87	7.80	7.77	7.18	6.99	8.32	9.52
10-year	4.12	4.28	7.35	6.21	6.84	7.56	7.99	7.61	7.42	8.41	9.44
20-year	4.06	4.27	6.86	6.01	7.12	8.05	8.19	7.86	7.67	8.48	9.33
U.S. Govt., 3–5 year issues [2]	3.99	4.22	7.37	5.85	6.92	7.81	7.55	6.94	6.85	8.30	9.58
U.S. Govt., long-term bonds [2 3]	4.01	4.21	6.59	5.63	6.30	6.99	6.98	6.78	7.06	7.89	8.74
State and local govt. bonds, Aaa [4]	3.26	3.16	6.12	5.04	4.99	5.89	6.42	5.66	5.20	5.52	5.92
State and local govt. bonds, Baa [4]	4.22	3.57	6.75	5.60	5.47	6.53	7.62	7.49	6.12	6.27	6.73
High-graded municipal bonds (Standard & Poor's) [5]	3.73	3.27	6.51	5.27	5.18	6.09	6.89	6.49	5.56	5.90	6.39
Municipal (Bond Buyer, 20 bonds)	3.52	3.27	6.35	5.26	5.19	6.17	7.05	6.64	5.68	6.03	6.52
Corporate Aaa seasoned [4]	4.41	4.49	8.04	7.21	7.44	8.57	8.83	8.43	8.02	8.73	9.63
Corporate Baa seasoned [4]	5.19	4.87	9.11	8.16	8.24	9.50	10.61	9.75	8.97	9.49	10.69
Corporate Aaa utility bonds [6]	4.73	4.57	8.72	7.37	7.67	9.01	9.17	8.46	8.12	8.90	9.82
Corporate, by years to maturity: [7] 5 yr	4.73	4.29	8.10	6.50	6.85	7.47	7.70	7.96	7.25	7.75	9.40
10 yr	4.60	4.33	8.00	7.05	7.05	7.67	8.00	8.18	7.60	7.98	9.35
20 yr	4.55	4.35	7.60	7.05	7.20	7.80	8.35	8.30	7.75	8.20	9.08
30 yr	4.55	4.37	7.60	7.01	7.20	7.80	8.35	8.30	7.95	8.25	9.10
Corporate (Moody's)	4.73	4.64	8.51	7.63	7.80	9.03	9.57	9.01	8.43	9.07	10.12
Industrials (40 bonds) [6]	4.59	4.61	8.26	7.35	7.60	8.78	9.25	8.84	8.28	8.90	9.85
Railroads (24 bonds)	4.92	4.72	8.77	7.99	8.12	8.98	9.39	8.85	8.13	8.64	9.60
Public utilities (40 bonds)	4.69	4.60	8.68	7.74	7.83	9.27	9.88	9.17	8.58	9.22	10.39
Stocks (Standard & Poor's): [5]											
Preferred (10 stocks) [8]	4.75	4.33	7.22	6.88	7.23	8.24	8.36	7.98	7.61	8.25	9.11
Common: Composite (500 stocks)	3.47	3.00	3.83	2.84	3.06	4.47	4.31	3.77	4.62	5.28	5.47
Industrials (400 stocks)	3.36	2.94	3.62	2.61	2.79	4.13	3.96	3.48	4.43	5.06	5.20
Home mortgages: [9]											
FHA insured, secondary market	6.16	5.47	9.03	7.53	8.19	9.55	9.19	8.82	8.68	9.70	10.87
Conventional, new-home [10]	(NA)	5.83	8.52	7.64	8.30	9.22	9.10	8.99	8.95	9.68	11.15
Conventional, existing-home [10]	(NA)	5.89	8.56	7.70	8.33	9.23	9.14	9.04	9.00	9.70	11.16

NA Not available. [1] Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury, based on daily closing bid prices. [2] Unweighted averages for all outstanding notes and bonds in maturity ranges shown, based on daily closing bid prices. [3] Includes all bonds neither due nor callable in less than 10 years. [4] Source: Moody's Investors Service, New York, N.Y. [5] Source: Standard & Poor's Corp., New York, N.Y., *Standard & Poor's Outlook*, weekly. [6] Averages based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, New York, N.Y., *An Analytical Record of Yields and Yield Spreads*. [7] Source: Scudder, Stevens & Clark, New York, N.Y., unpublished date. [8] Prior to Sept. 9, 1965, yields based on 14 stocks, 8 yields; thereafter, 10 stocks, 4 yields. Issues converted to a price equivalent to $100 par and a 7 percent annual dividend before averaging. [9] Averages based on quotations for 1 day each month as compiled by FHA. [10] Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 908. Sales of Stocks and Options on Registered Exchanges: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series X 517–530]

EXCHANGE	UNIT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
ALL EXCHANGES											
Market value, all sales [1]	**Bil. dol.**	**47**	**93**	**136**	**187**	**125**	**167**	**203**	**198**	**269**	**324**
Stocks: [2] Market value	Bil. dol.	45	89	131	179	118	157	195	187	249	300
Shares	Mil.	1,389	2,587	4,539	5,723	4,846	6,231	7,036	7,023	9,483	10,863
Options: Market value	Mil. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,919	10,899	18,953	22,825
Contracts	Mil.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23	40	60	65
Rights and warrants:											
Market value	Mil. dol.	75	305	576	984	394	295	256	190	346	755
Number of units	Mil.	51	82	295	176	104	150	99	112	82	115
Option exercises: Value	Mil. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,872	3,696	5,392	8,301
Shares	Mil.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	1	1	2
NEW YORK STOCK EXCHANGE											
Market value, all sales [1]	**Bil. dol.**	**40**	**77**	**108**	**155**	**106**	**143**	**165**	**157**	**211**	**252**
Stocks: [2] Market value	Bil. dol.	38	73	103	146	99	134	165	157	210	251
Shares	Mil.	958	1,809	3,213	4,337	3,822	5,056	5,649	5,613	7,618	8,675
Rights and warrants:											
Market value	Mil. dol.	13	34	257	348	192	168	133	89	124	484
Number of units	Mil.	29	58	233	84	63	108	53	62	42	84
Sales by size: [3]											
At 100 shares	Percent	(NA)	(NA)	51.7	46.4	45.3	41.4	36.1	35.6	32.9	31.6
At 200–900 shares	Percent	(NA)	(NA)	40.7	44.5	45.7	47.8	49.2	49.7	50.1	49.8
At 1,000 shares and over	Percent	(NA)	(NA)	6.4	9.1	9.0	10.8	12.7	14.6	17.0	18.6

NA Not available. [1] Includes bond sales through 1975, not shown separately. [2] Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks. [3] Sales printed on New York Stock Exchange. Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

Source: Except as noted, U.S. Securities and Exchange Commission. Monthly data in *Statistical Bulletin*.

No. 909. Security Prices and Volume of Trading: 1960 to 1979

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492–498]

CLASS OR ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Bond prices (dollars per $100 bond):										
U.S. Government, long term [1]	86.22	83.76	60.52	62.80	57.45	57.44	58.96	56.89	51.26	[2] 47.8
Standard & Poor's: Municipal [3]	103.9	110.6	72.3	85.4	76.3	68.9	72.5	81.3	77.9	73.4
Corporate AAA [3]	94.7	93.9	61.6	63.7	58.8	56.2	58.0	59.6	55.6	51.1
Stock prices:										
Standard & Poor's common index (500 stocks) (1941–43=10) [4]	55.9	88.2	83.2	107.4	82.8	87.2	102.0	98.2	96.1	103.9
Industrial	59.4	93.5	91.3	120.4	92.9	96.6	114.4	108.4	106.3	114.8
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50), composite	30.0	47.4	45.7	57.4	43.8	45.7	54.5	53.7	53.8	58.3
Industrial	(NA)	(NA)	48.0	63.1	48.1	50.5	60.4	57.8	58.3	64.8
Transportation	(NA)	(NA)	32.1	37.7	31.9	31.1	39.6	41.1	43.3	47.3
Utility	(NA)	(NA)	37.2	37.7	29.8	31.5	37.0	40.9	39.2	38.2
Finance	(NA)	(NA)	54.6	70.1	49.7	47.1	52.9	55.2	56.7	61.4
American Stock Exchange market value index (Aug. 31, 1973=100)	(NA)	(NA)	96.63	103.80	79.97	83.06	101.63	116.18	144.37	195.53
Dow-Jones and Co. Inc., total (65 stocks) [5]	204.6	318.5	243.9	286.7	237.3	247.3	303.9	301.7	283.6	293.5
Industrial (30 stocks)	618.0	910.9	753.2	923.9	759.4	802.5	974.9	894.6	820.2	844.4
Transportation (20 stocks)	138.9	216.4	152.4	180.6	164.1	163.4	214.0	225.2	222.6	237.8
Public utility (15 stocks)	91.4	157.9	108.8	103.4	75.8	79.8	92.3	111.0	104.6	104.6
Standard & Poor's:										
Dividend-price ratio (percent)	(NA)	(NA)	3.83	3.06	4.47	4.31	3.77	4.56	5.28	5.45
Earnings-price ratio (percent)	(NA)	(NA)	6.45	7.12	11.60	9.07	8.83	9.77	8.72	7.92
Volume of trading:										
Value, NYSE [6] (bil. dol.)	(NA)	(NA)	95.3	137.3	92.1	126.7	159.8	150.2	199.9	238.2
Average daily shares:										
NYSE [6] (mil.)	3.0	6.2	11.6	16.1	13.9	18.6	21.2	20.9	28.6	32.2
ASE [7] (1,000)	1,113	2,120	3,319	3,015	1,906	2,138	2,562	2,592	3,923	4,349

NA Not available. [1] Derived from long-term yield on basis of assumed 3 percent, 20-year bond; series discontinued by Board of Governors Oct. 1979. [2] Jan.–Sept. [3] Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. [4] Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. [5] Source: U.S. Bureau of Economic Analysis. Based on data from New York Stock Exchange. [6] Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual. [7] Source: American Stock Exchange, *Stock Trading Statistics*.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 910. New Corporate Securities Offered for Sale, by Type of Security and Issuer: 1960 to 1979

[**In millions of dollars.** Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers substantially all new securities offered for cash sale in U.S. in amounts over $100,000 and with terms of maturity of more than 1 year. Included are some unregistered securities offered privately for sale mainly to insurance companies as well as securities registered with the Securities and Exchange Commission under the terms of the Securities Act of 1933. See table 498 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970*, series X 499–500 and X 505–506]

SECURITY AND ISSUER	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**10,154**	**14,782**	**37,451**	**31,680**	**37,729**	**52,539**	**52,290**	**51,836**	**46,616**	**51,097**
Publicly offered	6,657	6,486	32,524	22,903	31,028	41,759	35,910	32,211	28,398	35,414
Bonds and notes	4,806	4,688	24,365	12,899	25,335	31,492	25,263	21,929	18,881	24,859
Preferred stock	220	360	1,310	2,398	1,745	3,088	2,353	2,421	1,759	1,965
Common stock	1,631	1,438	6,849	7,606	3,947	7,179	8,296	7,857	7,760	8,591
Privately placed	*3,497*	*8,296*	*4,926*	*8,781*	*6,701*	*10,779*	*16,384*	*19,628*	*18,216*	*15,683*
Bonds and notes	3,275	7,897	4,658	7,798	6,160	10,172	15,927	17,943	16,964	13,859
Preferred stock	188	364	80	944	511	371	451	1,495	1,077	1,688
Common stock	33	35	188	37	28	235	9	188	178	136
Issuer:										
Manufacturing	2,152	5,414	10,647	4,832	10,408	18,651	15,493	13,754	11,062	11,532
Extractive	246	341	1,812	1,060	970	1,628	1,762	2,682	3,100	3,166
Electric, gas, water	2,851	2,934	11,009	10,269	12,837	15,894	14,415	13,705	12,253	13,652
Communication	1,050	945	5,291	4,872	3,930	4,464	3,562	4,442	3,640	4,673
Transportation	718	702	1,253	811	1,005	2,635	3,626	1,802	1,763	2,788
Financial and real estate	2,525	3,386	5,112	8,089	6,779	6,838	10,282	11,690	10,861	11,507
Commercial and other	*612*	*1,060*	*2,328*	*1,748*	*1,802*	*2,429*	*3,148*	*3,764*	*3,939*	*3,782*

Source: U.S. Securities and Exchange Commission, *Statistical Bulletin*, various issues.

NO. 911. SECURITIES LISTED ON N.Y. STOCK EXCHANGE: 1960 TO 1979

[As of December 31. NA Not available]

ITEM	UNIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Bonds:												
Face value	Bil. dol.	116	142	135	142	142	291	334	401	497	509	526
Market value	Bil. dol.	108	132	113	128	121	255	315	402	480	465	460
Average price	Dol.	93.21	93.07	83.60	90.40	85.16	87.68	91.89	100.39	96.52	91.37	87.36
Stocks:												
Shares	Bil	6.5	10.1	16.1	19.2	21.0	21.7	22.5	24.5	26.1	27.6	30.0
Market value	Bil. dol.	307	537	636	872	721	511	685	858	797	823	961
Average price	Dol.	47.53	53.44	39.61	45.49	34.39	23.51	30.48	35.03	30.53	29.84	31.99
Cash dividends on common stock.	Bil. dol.	9.9	15.3	19.8	21.5	23.6	25.7	26.9	30.6	36.3	41.2	46.9
Industrial	Bil. dol.	(NA)	11.0	13.6	14.3	15.5	17.0	17.6	20.2	23.9	26.6	30.3
Transportation	Bil. dol.	(NA)	.6	.5	.5	.5	.6	.6	.6	.8	.9	1.0
Utilities	Bil. dol.	(NA)	3.3	4.5	5.1	5.5	6.0	6.7	7.7	9.0	10.7	12.2
Finance	Bil. dol.	(NA)	.5	1.1	1.6	2.1	2.1	1.9	2.1	2.6	2.9	3.5

Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

NO. 912. MUTUAL FUNDS—NET ASSETS, SALES, AND REDEMPTIONS: 1960 TO 1979

[**In billions of dollars, except number of funds.** See also *Historical Statistics, Colonial Times to 1970*, series X 536-539]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Number of funds	161	170	361	410	421	431	426	452	477	505	524
Assets [1]	17.0	35.2	47.6	59.8	46.5	35.8	45.8	51.0	48.5	55.8	94.5
Money market funds	(X)	(X)	(X)	(X)	(X)	1.7	3.6	3.4	3.5	10.9	45.2
Equity funds	16.8	32.8	45.1	55.9	43.0	30.9	37.5	39.2	34.1	32.7	35.9
Income and bond funds	.2	2.5	2.5	3.9	3.5	3.2	4.7	7.8	8.4	9.3	9.6
Municipal bond funds	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.5	2.3	2.6	3.3
Sales [1]	2.1	4.4	4.6	4.9	4.4	5.3	10.1	13.7	17.1	37.2	119.3
Money market funds	(X)	(X)	(X)	(X)	(X)	2.2	6.8	9.4	10.7	30.5	111.9
Equity funds	1.9	3.9	4.2	4.3	3.9	2.6	2.6	2.7	2.4	2.8	3.1
Income and bond funds	.2	.4	.4	.6	.5	.5	.7	1.2	1.6	2.0	1.9
Municipal bond funds	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.5	2.1	1.8	2.4
Redemptions [1]	.8	2.0	3.0	6.6	5.7	3.9	9.6	16.4	16.7	31.5	86.7
Money market funds	(X)	(X)	(X)	(X)	(X)	.6	5.9	9.6	10.7	24.3	78.4
Equity funds	.8	1.8	2.8	6.2	5.2	3.0	3.3	6.0	4.7	5.1	5.7
Income and bond funds	.1	.2	.2	.4	.4	.3	.4	.8	.8	1.0	1.3
Municipal bond funds	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(Z)	.5	1.1	1.3

X Not applicable. Z Less than $50 million. [1] Includes funds not shown separately.

Source: Investment Company Institute, Washington, D.C., *Mutual Fund Fact Book*, annual.

NO. 913. STOCK OWNERSHIP—CHARACTERISTICS OF SHAREOWNERS: 1959 TO 1975

[**In thousands.** Includes outlying areas, most members of the Armed Forces, citizens living abroad, and minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1959	1965	1970	1975	CHARACTERISTIC	1959	1965	1970	1975
Total [1]	12,490	20,120	30,850	25,270	**Income:**				
					Under $5,000	3,575	3,183	2,577	841
Male	5,740	9,060	15,689	12,698	$5,000-$7,999	3,700	4,479	3,081	1,378
Female	6,347	9,430	15,161	12,508	$8,000-9,999	2,221	3,113	3,152	1,462
Age:					$10,000-$14,999	1,769	5,199	9,001	4,906
Under 21 years	197	1,280	2,221	1,818	$15,000-24,999	700	2,649	8,272	9,461
21-34 years	2,444	2,626	4,500	2,838	$25,000 and over	319	1,147	4,437	7,158
35-44 years	2,064	4,216	5,801	3,976					
45-54 years	2,800	4,752	7,556	5,675	**Residence by SMSA size:** [4]				
55-64 years	2,666	3,549	6,084	5,099	Under 100,000	(NA)	134	175	328
65 years and over	2,113	3,347	4,330	5,800	100,000-249,000	(NA)	1,254	2,245	2,059
Education:					250,000-499,999	(NA)	1,897	2,686	2,691
High school: [2]					500,000-999,999	(NA)	2,156	3,712	3,257
3 years or less	2,804	3,106	3,566	1,621	1,000,000 and over	(NA)	9,883	14,881	11,893
4 years	3,130	5,344	8,697	6,580					
College: [2]					Nonmetropolitan				
1-3 years	2,587	4,012	5,867	5,301	areas	(NA)	4,639	6,913	4,978
4 years or more	3,566	6,028	9,999	9,886					
Minors [3]	197	1,280	2,221	1,818					

NA Not available. [1] Includes small number of shareowners not distributed by breakdown. [2] Persons 21 years old and over. [3] Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. [4] SMSA = Standard metropolitan statistical area. For definition, see Appendix II.

Source: New York Stock Exchange, Inc., New York, N.Y., *Census of Shareowners*, 1959, 1965, 1970, and 1975.

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No. 914. Life Insurance in Force in the U.S.—Summary: 1950 to 1979

[As of **December 31** or **calendar years**, as applicable. Prior to 1960, excludes Alaska and Hawaii. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 3. See also *Historical Statistics, Colonial Times to 1970*, series X 879-889]

YEAR	LIFE INSURANCE IN FORCE						COVERAGE ($1,000)		Disposable personal income per family [2] ($1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)			
	All policies, number (mil.)	Value (bil. dol.)											
		Total	Ordinary	Group	Industrial	Credit [1]	Per family	Per insured family		Ordinary	Group	Industrial	Credit
1950	202	234	149	48	33.4	3.9	4.6	6.0	4.1	2,320	2,480	310	360
1955	252	372	217	101	39.7	14.8	6.9	8.7	5.1	2,720	3,200	350	520
1960	282	586	340	175	39.6	31.2	10.2	12.7	6.1	3,360	4,030	390	680
1965	320	901	498	306	39.8	57.0	14.6	17.8	7.7	4,660	5,060	450	850
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.2	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.2	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.4	7,230	8,010	540	1,300
1974	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.1	7,690	8,840	550	1,310
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.2	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.2	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.4	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.8	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.4	10,890	12,350	610	2,120

[1] Insures borrower to cover loan in case of death. [2] For disposable personal income, see tables 728 and 738.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 915. U.S. Life Insurance Companies—Summary: 1960 to 1979.

[**In billions of dollars, except number of companies, rate, percent, and employed.** As of **December 31** or **calendar years** as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 890-907]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Number of U.S. companies	1,441	1,629	1,780	1,753	1,766	1,757	1,746	1,742	1,789	1,840	1,890
Sales [1]	78.4	149.8	206.8	228.4	250.6	323.5	316.5	352.2	407.7	437.9	527.5
Ordinary	*56.2*	*89.6*	*134.8*	*159.1*	*175.6*	*199.0*	*207.1*	*233.6*	*277.3*	*304.2*	*352.8*
Group [1]	15.3	52.9	65.4	61.9	67.7	117.8	102.7	112.2	123.8	127.7	169.6
Industrial	6.9	7.3	6.6	7.4	7.2	6.7	6.7	6.4	6.5	6.0	5.1
Voluntary termination, ordinary policies (rate): [2]											
All policies in force in U.S.	5.2	5.1	5.9	6.0	6.3	6.5	6.7	6.6	6.6	6.6	7.2
In force 2 years or more	3.7	3.5	3.9	3.9	4.3	4.5	4.5	4.6	4.7	4.6	5.1
Income	23.0	33.2	49.1	58.8	64.8	70.0	78.0	88.6	98.0	108.2	119.1
Life insurance premiums	12.0	16.1	21.7	24.7	26.4	27.8	29.3	31.4	33.8	36.6	39.1
Percent of total	52.2	48.5	44.2	42.0	40.7	39.7	37.6	35.4	34.5	33.8	32.8
Annuity considerations	1.3	2.2	3.7	5.5	6.8	7.7	10.2	14.0	15.0	16.3	17.9
Health insurance premiums	4.0	6.3	11.4	14.3	15.5	17.1	19.1	21.1	23.6	25.8	27.9
Investment and other	*5.6*	*8.6*	*12.3*	*14.3*	*16.1*	*17.4*	*19.4*	*22.2*	*25.7*	*29.4*	34.2
Disbursements	17.5	25.2	39.0	45.0	49.4	53.3	58.2	63.0	69.0	72.6	81.1
Payments to policyholders [3]	11.4	16.5	25.6	29.4	32.1	34.7	38.1	41.0	44.4	47.8	53.7
Percent of total	65.1	65.5	65.6	65.3	65.0	65.1	65.5	65.1	64.3	65.8	66.2
Death payments	3.4	4.9	7.2	8.1	8.6	8.9	9.3	9.7	10.2	11.1	11.8
Matured endowments	.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9
Annuity payments	.7	1.0	1.7	2.1	2.6	2.9	3.2	3.9	4.6	5.1	6.6
Policy dividends	1.9	2.8	3.8	4.3	4.6	4.8	5.1	5.6	6.3	6.8	7.6
Surrender values	1.7	2.0	2.9	3.0	3.4	3.7	3.8	4.2	4.3	4.5	5.5
Disability benefits	.1	.2	.2	.3	.4	.4	.4	.5	.5	.5	.6
Commissions, expenses, etc	*5.9*	*8.4*	*12.9*	*15.0*	*16.6*	*17.9*	*19.4*	*21.3*	*23.9*	*23.7*	*25.9*
Dividends to stockholders	.2	.2	.5	.6	.7	.7	.7	.7	.8	1.1	1.5
Taxes, licenses and fees	.9	1.4	2.2	2.8	3.2	3.4	3.5	4.0	4.4	5.1	5.4
Federal income taxes	.5	.7	1.2	1.5	1.8	1.9	1.9	2.2	2.5	3.0	3.3
Employed in insurance [4] (1,000)	1,105	1,225	1,460	1,530	1,575	1,620	1,640	1,675	1,690	1,776	1,839

[1] Includes servicemen's group life insurance of $27.4 billion in 1965, $16.8 billion in 1970, $28.8 billion in 1974, and $1.7 billion in 1975. [2] Rate is ratio of number of policies lapsed or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies policies, primarily Canadian. [3] Include operations of accident and health departments of life insurance companies, not shown separately. [4] Includes life, health, and property/casualty insurance.

Source: *American Council of Life Insurance, Washington, D.C. Based on data from Life Insurance Fact Book.*

No. 916. Life Insurance—Companies, Benefit Payments, and Insurance in Force, by State: 1975 and 1979

(Applies to policyholders and payments in the U.S.)

State	1975			1979									
	Benefit payments [1] (mil. dol.)	Insurance in force		Number of companies [2]	Benefit payments [1] (mil. dol.)	Insurance in force							Avg. per family (dol.)
		Policies (1,000)	Value (bil. dol.)			Policies (1,000)			Value (bil. dol.)				
						Total [3]	Ordinary	Group	Total [3]	Ordinary	Group		
U.S.	22,536.2	380,010	2,139.6	1,870	32,385.2	406,614	145,628	114,693	3,222.3	1,585.9	1,419.4		36,500
Ala.	278.8	11,789	34.2	36	407.7	12,498	2,045	1,782	51.3	25.3	19.2		37,200
Alaska	22.0	486	3.3	1	39.9	570	136	249	6.2	2.8	3.2		42,700
Ariz.	215.5	4,303	22.6	478	370.2	5,402	1,962	1,493	36.8	21.4	12.2		40,300
Ark.	125.5	2,462	13.6	25	165.9	2,979	1,026	728	22.4	11.6	8.6		27,000
Calif.	2,203.1	29,440	205.4	51	3,269.7	31,481	10,772	12,396	317.6	157.7	145.3		34,300
Colo.	235.4	4,086	27.6	25	398.9	4,934	1,815	1,624	45.8	24.8	17.8		42,700
Conn.	473.5	5,476	39.5	17	678.3	5,721	2,364	1,953	55.1	25.8	27.1		47,900
Del.	74.8	1,419	8.4	32	106.7	2,434	470	524	16.3	[1] 4.5	10.8		76,000
D.C.	98.4	2,595	13.3	9	128.7	2,516	440	1,086	20.9	4.6	15.3		66,600
Fla.	960.7	14,702	73.2	36	1,465.6	16,544	5,392	3,642	112.7	62.4	40.3		30,900
Ga.	426.6	12,153	51.1	27	623.4	12,917	3,602	2,765	79.4	39.5	32.0		42,300
Hawaii	108.8	1,420	11.7	8	166.2	1,736	615	703	17.2	9.4	6.9		53,900
Idaho	58.5	1,225	7.0	7	93.4	1,326	512	472	11.1	6.1	4.1		33,500
Ill.	1,428.9	22,315	131.5	90	2,035.9	22,823	9,340	6,943	191.8	94.7	86.7		44,900
Ind.	533.7	10,145	53.9	55	766.3	10,307	4,120	2,701	[1] 80.1	40.4	34.1		40,100
Iowa	293.5	4,625	29.0	32	441.0	5,074	2,585	1,420	44.4	25.8	15.9		40,200
Kans.	226.4	4,109	23.2	20	332.0	4,303	1,882	1,160	34.7	20.8	11.4		37,600
Ky.	243.4	6,101	26.5	14	364.1	6,501	2,271	1,348	41.0	20.2	17.0		31,500
La.	311.7	8,955	34.0	95	444.8	9,922	2,111	1,760	55.5	28.0	20.9		39,200
Maine	101.3	1,760	8.7	4	153.7	1,881	717	662	12.8	6.5	5.4		30,900
Md.	425.1	7,930	42.6	12	609.0	8,011	2,916	1,892	60.0	31.3	24.7		38,700
Mass.	681.8	9,280	57.6	16	922.6	9,006	3,915	2,660	79.4	38.2	37.7		36,600
Mich.	976.9	16,269	102.0	24	1,311.5	16,933	5,598	5,978	154.7	56.5	89.4		46,300
Minn.	358.3	5,773	39.3	21	555.0	6,331	2,537	2,416	61.6	29.8	29.1		40,900
Miss.	133.8	3,399	15.5	23	185.0	4,051	949	991	24.9	12.6	9.3		29,200
Mo.	511.9	8,625	48.4	40	672.1	9,286	3,866	2,665	70.4	34.5	31.5		36,900
Mont.	60.7	1,006	6.1	3	88.5	1,138	452	365	9.4	5.6	3.1		31,800
Nebr.	161.6	2,707	16.5	29	234.4	2,707	1,360	745	24.5	15.0	8.2		40,700
Nev.	51.8	1,040	6.7	2	93.1	1,395	296	551	11.5	4.6	5.4		40,100
N.H.	86.1	1,286	7.5	4	122.1	1,545	688	414	13.4	6.9	5.6		40,500
N.J.	1,052.1	11,916	86.9	15	1,494.5	12,209	5,436	3,517	[1] 123.6	58.8	59.4		45,000
N. Mex.	86.4	1,618	9.3	9	131.8	1,903	609	589	15.5	7.5	6.7		36,300
N.Y.	2,519.9	27,526	191.0	68	3,221.9	27,039	10,981	8,030	257.6	116.0	128.2		37,000
N.C.	408.3	11,595	47.5	21	609.9	12,548	4,131	2,377	74.3	38.3	29.2		36,200
N. Dak.	46.7	924	5.7	9	74.7	999	459	315	9.4	5.7	3.0		40,000
Ohio	1,319.8	20,090	114.6	42	1,864.7	21,017	8,175	5,531	167.9	82.3	74.2		42,200
Okla.	234.3	4,067	24.4	64	350.4	4,193	1,722	1,124	37.8	20.6	14.5		33,100
Oreg.	213.9	3,103	19.9	7	343.4	3,454	1,219	1,353	33.8	16.0	16.0		33,300
Pa.	1,450.8	24,032	120.3	60	1,963.0	24,227	9,885	5,899	170.4	84.2	73.4		38,200
R.I.	112.3	1,856	9.4	8	157.2	1,952	784	716	15.3	7.5	7.1		43,200
S.C.	192.8	7,193	24.3	28	287.2	7,947	2,551	1,657	38.0	19.9	14.1		37,400
S. Dak.	52.0	904	5.7	9	75.4	1,003	523	266	9.1	5.8	2.7		36,200
Tenn.	360.9	8,918	39.3	25	544.2	9,810	2,768	2,568	61.1	29.3	25.3		37,400
Tex.	1,060.3	21,488	120.0	188	1,671.6	25,119	8,539	7,254	201.8	103.7	81.8		40,600
Utah	92.1	1,903	10.4	13	139.4	2,212	685	949	17.3	9.0	7.0		37,100
Vt.	47.1	762	4.2	3	68.4	805	353	223	6.1	3.4	2.3		33,400
Va.	438.5	10,070	52.8	15	648.6	10,784	3,406	2,569	75.2	36.7	33.1		38,900
Wash.	319.7	4,714	32.8	19	494.7	5,523	1,937	2,210	53.2	26.2	24.5		34,300
W. Va.	152.5	3,053	13.8	2	235.9	3,388	1,029	869	21.0	9.3	9.6		29,600
Wis.	475.3	6,919	43.7	27	691.1	7,567	3,424	2,539	64.9	34.8	26.9		37,600
Wyo.	32.0	516	3.3	2	53.4	643	256	208	6.1	3.5	2.2		36,000

[1] Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends. [2] As of mid-year. [3] Includes industrial and credit insurance, not shown separately.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 917. U.S. Life Insurance Companies—Financial Items: 1960 to 1979

[In billions of dollars, except percent. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 908-917]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Assets	**119.6**	**158.9**	**207.3**	**239.7**	**252.4**	**263.3**	**289.3**	**321.6**	**351.6**	**390.0**	**432.3**
Government securities	11.8	11.9	11.1	11.4	11.4	12.0	15.2	20.3	23.6	26.6	29.7
Corporate securities	51.7	67.4	88.5	113.0	117.7	118.6	133.9	154.9	171.7	191.6	208.8
Percent of total assets	43.2	42.4	42.7	47.1	46.6	45.0	46.3	48.2	48.8	49.1	48.3
Bonds	46.7	58.2	73.1	86.1	91.8	96.7	105.8	120.7	137.9	156.0	169.0
Stocks	5.0	9.1	15.4	26.8	25.9	21.9	28.1	34.3	33.8	35.5	39.8
Mortgages	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	106.2	118.4
Real estate	3.8	4.7	6.3	7.3	7.7	8.3	9.6	10.5	11.1	11.8	13.0
Policy loans	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8
Other	5.3	7.2	10.9	13.1	14.1	15.4	16.9	18.5	21.1	23.7	27.6
Interest earned on assets [1] (percent)	4.11	4.61	5.30	5.56	5.88	6.25	6.36	6.55	6.89	7.31	7.73
Liabilities [2]	109.9	145.0	189.9	220.8	232.5	244.7	268.7	299.5	328.1	363.7	402.3
Policy reserves [2]	98.5	127.6	167.8	192.8	204.5	216.5	237.1	262.8	287.9	318.5	351.6
Capital and surplus [2]	9.7	13.8	17.3	19.0	19.9	18.6	20.6	22.0	23.6	26.2	30.0

[1] Net rate. [2] Includes business of accident and health departments of U.S. life insurance companies.

No. 918. U.S. Life Insurance Companies—New Investments: 1960 to 1979

[In billions of dollars, except percent. Minus sign (−) denotes decrease]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	**20.4**	**39.5**	**62.3**	**98.6**	**120.8**	**117.1**	**132.4**	**174.9**	**211.0**	**235.0**	**270.4**
Average annual percent change [1]	1.7	14.2	9.6	25.8	22.5	−3.1	13.1	32.0	20.6	11.4	15.1
Government securities	5.0	4.3	4.6	9.0	8.3	7.6	13.6	30.3	34.9	35.8	41.6
Short-term	(NA)	(NA)	3.8	7.4	6.9	6.2	9.9	23.1	27.4	29.4	34.7
Corporate securities	7.5	21.9	45.5	76.7	95.3	91.5	102.5	128.1	154.7	172.9	196.6
Bonds	6.9	20.4	41.4	68.2	87.1	86.7	96.5	120.4	147.1	164.9	186.2
Short-term	(NA)	(NA)	34.6	54.0	74.3	75.4	75.0	96.4	116.9	136.9	163.0
Stocks	.7	1.5	4.1	8.5	8.2	4.8	6.0	7.7	7.6	8.0	10.4
Mortgages	6.1	11.1	7.2	8.7	11.5	11.3	9.6	9.8	14.2	17.8	20.7
Real estate	.3	.4	.9	1.0	1.2	1.3	2.1	1.8	2.1	2.2	2.8
Policy loans	1.4	1.7	4.1	3.3	4.6	5.3	4.6	4.8	5.1	6.3	8.7

NA Not available. [1] For 1960, change from 1959; thereafter for interval from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source of tables 917 and 918: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 919. Largest Life Insurance Companies—Assets and Insurance in Force, by Rank of Assets: 1960 to 1979

[In billions of dollars, except percent. As of December 31]

ASSET GROUP	ASSETS						LIFE INSURANCE IN FORCE [1]					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
50 largest companies	**104.9**	**135.8**	**171.9**	**232.3**	**305.1**	**336.2**	**487**	**697**	**1,031**	**1,517**	**2,020**	**2,245**
Lowest ten	2.9	4.1	5.6	7.9	11.5	13.8	21	36	55	86	76	50
Second ten	4.7	6.4	8.3	11.7	15.1	16.7	23	34	59	91	156	121
Third ten	7.7	10.4	13.2	17.7	22.7	24.6	38	64	93	127	204	192
Fourth ten	15.1	20.0	25.3	35.1	48.0	53.3	62	81	119	202	236	359
Highest ten	74.6	95.0	119.6	160.0	207.8	227.7	343	481	706	1,011	1,348	1,523
Percent of 50 largest:												
Lowest ten	2.7	3.0	3.2	3.4	3.8	4.1	4.3	5.2	5.3	5.7	3.8	2.2
Second ten	4.5	4.7	4.8	5.0	4.9	5.0	4.7	4.9	5.7	6.0	7.7	5.4
Third ten	7.3	7.6	7.7	7.6	7.4	7.3	7.9	9.2	9.0	8.4	10.1	8.6
Fourth ten	14.4	14.7	14.7	15.1	15.7	15.9	12.7	11.6	11.5	13.3	11.7	16.0
Highest ten	71.0	69.9	69.6	68.9	68.1	67.8	70.4	69.0	68.4	66.6	66.7	67.8
Percent of all companies: [2]												
50 largest	87.7	85.5	82.9	80.3	78.2	77.8	83.1	77.4	73.5	70.9	70.4	69.7
10 largest	62.4	59.8	57.7	55.3	53.3	52.7	58.5	53.4	50.4	47.2	47.0	47.3

[1] Face value of all life policies outstanding. [2] See tables 914 and 917 for all companies.

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*. (Copyright.)

NO. 920. HEALTH INSURANCE COVERAGE, BY TYPE OF COVERAGE: 1950 TO 1978

[**In millions of persons.** Beginning 1975, data include Puerto Rico and other U.S. territories and possessions. Duplication eliminated except as noted. "Hospital," "Surgical," "Regular medical," and "Major medical" represent coverage by insurance companies, Blue Cross-Blue Shield and medical society approved plans, and other plans. "Dental" represents insurance company coverage only. "Disability income" represents coverage by insurance companies, paid sick leave plans, and employee organizations. See also table 161]

YEAR AND AGE GROUP	Hospital	Surgical	Regular medical	Major medical	DISABILITY INCOME [1]		Dental
					Short term	Long term	
1950	76.6	54.2	21.6	-	37.8	(2)	-
1955	101.4	85.7	53.0	(NA)	39.5	(2)	-
1960	122.5	111.5	83.2	32.6	42.4	(2)	(NA)
1965	138.7	130.5	109.6	69.7	46.9	4.5	(NA)
1970, total	158.8	151.4	138.7	103.5	58.1	11.0	12.0
Under 65	148.7	142.8	130.4	(NA)	58.1	11.0	(NA)
65 and over	10.1	8.7	8.2	(NA)	-	-	(NA)
1975, total	178.0	168.9	161.9	134.1	63.0	18.4	30.2
Under 65	165.4	158.5	152.2	(NA)	(NA)	18.4	(NA)
65 and over	12.6	10.4	9.7	(NA)	(NA)	-	(NA)
1977, total	179.0	167.7	160.4	139.4	64.6	19.4	50.3
Under 65	165.1	156.5	150.0	(NA)	(NA)	19.4	(NA)
65 and over	13.9	11.2	10.4	(NA)	(NA)	-	(NA)
1978, total	181.5	172.5	164.1	141.5	70.4	19.1	60.2
Under 65	166.8	162.2	154.6	(NA)	(NA)	-	(NA)
65 and over	14.7	10.3	9.5	(NA)	(NA)	19.1	(NA)

- Represents zero. NA Not available. [1] Any duplication resulting from combinations for short-term and long-term protection has not been eliminated. [2] Included in "short-term" with some possible duplication.

Source: Health Insurance Institute, Washington, D.C., *Sourcebook of Health Insurance Data*, 1979-80. Data from Health Insurance Association of America, New York, N.Y.

NO. 921. PRIVATE HEALTH INSURANCE ORGANIZATIONS—INCOME AND EXPENSES: 1960 TO 1977

[**In millions of dollars, except percent.** Minus sign (−) denotes loss. See also *Historical Statistics, Colonial Times to 1970*, series X 957-962]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977
Total premium income	**5,841**	**10,001**	**17,165**	**22,689**	**25,524**	**29,059**	**33,811**	**40,506**	**47,180**
Claims expense	4,996	8,729	15,744	19,433	21,912	25,871	31,917	38,418	41,645
Percent of premium income	85.5	87.3	91.6	85.6	85.8	82.0	94.4	94.8	88.3
Operating expense	[1] 845	1,418	2,402	3,224	3,521	4,048	4,373	5,161	5,939
Net underwriting gain	(1)	−145	−961	32	91	−860	−2,479	−3,073	−404
Blue Cross-Blue Shield:									
Premium income	2,482	4,169	7,371	9,923	11,059	12,367	14,446	17,268	19,553
Claims expense	2,287	3,913	7,060	8,991	10,004	11,640	14,192	16,227	17,626
Operating expense	195	239	534	689	775	911	1,063	1,193	1,330
Net underwriting gain	(1)	17	−223	243	280	−184	−809	−151	597
Insurance companies:									
Premium income	3,027	5,224	8,746	11,346	12,407	13,997	16,032	19,267	22,958
Claims expense	2,389	4,265	7,656	9,124	9,962	11,659	14,526	18,365	19,514
Net underwriting gain	(1)	−181	−696	−206	−185	−601	−1,567	−2,787	−836
Other plans, premium income	332	608	1,068	1,420	2,057	2,695	3,333	3,971	4,669

[1] Data for net underwriting gain not available separately; included in operating expense.

Source: Through 1976, U.S. Social Security Administration, *Social Security Bulletin*, various issues; 1977, U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979.

NO. 922. HEALTH INSURANCE—PREMIUM INCOME AND BENEFIT PAYMENTS: 1960 TO 1978

[**In billions of dollars.** Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Premiums [1]	**4.7**	**7.4**	**11.5**	**14.8**	**16.1**	**17.9**	**20.8**	**24.5**	**28.7**	**32.7**
Group policies [2]	2.9	4.7	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9
Individual and family policies	1.8	2.7	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8
Benefit payments [3]	**3.1**	**5.2**	**9.1**	**10.6**	**11.9**	**13.6**	**16.5**	**20.2**	**22.1**	**26.4**
Group policies [2]	2.4	4.0	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9
Individual and family policies	.7	1.2	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5
Type of coverage:										
Loss of income	.8	1.0	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4
Medical expense	2.2	4.1	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2
Dental	(NA)	(NA)	.1	.2	.3	.3	.6	1.2	1.5	1.8

NA Not available. [1] Prior to 1972, refers to written premiums; for 1972-78 refers to earned income. [2] Insurance company group premiums and benefit payments for 1975 through 1978 include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. [3] Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

No. 923. Property and Liability Insurance: 1960 to 1978

[**In millions of dollars, except companies reporting.** Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. See also *Historical Statistics, Colonial Times to 1970,* series X 918, 923, 928, 933, and 940]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Companies reporting	3,500	3,047	2,727	2,681	2,870	2,934	2,886	2,880	2,940	2,938
Premiums written [1]	**14,973**	**20,063**	**32,867**	**39,318**	**42,480**	**45,152**	**49,967**	**60,418**	**72,397**	**81,690**
Auto liability	3,883	5,424	8,958	10,367	11,821	12,010	13,315	16,052	18,829	20,383
Physical damage, auto	1,994	2,861	4,824	6,016	6,995	7,064	7,623	9,565	11,521	12,835
Liability, other than auto	963	1,137	2,140	2,555	2,741	2,990	3,981	5,384	6,794	7,706
Medical malpractice	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	895	1,133	1,194	1,216
Fire [2]	2,406	2,215	3,147	3,406	3,497	3,538	3,691	4,102	4,415	4,675
Homeowners multiple peril	764	1,523	2,565	3,316	3,770	4,156	4,729	5,689	6,766	7,792
Commercial multiple peril	56	509	1,331	2,078	2,518	2,857	3,176	4,052	4,891	5,830
Workmen's compensation	1,419	2,042	3,492	4,014	4,814	5,473	6,186	7,534	9,261	11,300
Inland marine	381	489	812	968	1,096	1,169	1,266	1,444	1,584	1,867
Ocean marine	230	262	465	577	654	765	861	902	953	1,000
Surety and fidelity	(NA)	408	562	661	701	748	789	835	912	1,076
Burglary and theft	116	110	135	138	131	130	120	124	129	133
Crop-hail	103	117	125	132	192	260	312	325	340	351
Boiler and machinery	85	91	115	129	137	141	173	170	213	256
Glass	48	41	40	39	37	34	32	32	34	35
Assets and surplus:										
Assets	30,132	41,843	58,594	78,885	83,862	82,115	94,118	112,975	135,513	160,060
Policyholders' surplus	11,930	17,112	18,520	28,211	27,091	20,898	25,303	31,394	37,372	45,004

NA Not available. [1] Includes all property, liability, and allied lines; other data are for principal lines only. [2] Includes extended coverage and allied lines.

Source: Insurance Information Institute, New York, N.Y., *Insurance Facts,* annual.

No. 924. Fire Losses—Total and Per Capita: 1946 to 1979

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]
1946-1950	643	1960	1,108	$6.19	1967	1,707	$8.66	1974	3,190	$15.09
1951-1955	833	1961	1,209	6.64	1968	1,830	9.20	1975	3,560	16.71
1956-1960	1,045	1962	1,265	6.80	1969	1,952	9.71	1976	3,558	16.59
1961-1965	1,340	1963	1,406	7.48	1970	2,328	11.41	1977	3,764	17.36
1966-1970	1,850	1964	1,367	7.16	1971	2,316	11.24	1978	4,008	18.34
1971-1975	2,802	1965	1,456	7.51	1972	2,304	11.08	1979	4,851	22.04
1976-1979	4,045	1966	1,497	7.64	1973	2,639	12.57			

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, N.Y., *Report of the Committee on Statistics and Origin of Losses; thereafter,* Insurance Information Institute, New York, N.Y., *Insurance Facts,* annual.

No. 925. Fires—Number and Loss, by Type and Selected Property Use: 1977 and 1978

[Based on survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)		PROPERTY LOSS (mil. dol.)		PROPERTY USE	NUMBER (1,000)		PROPERTY LOSS (mil. dol.)	
	1977	1978	1977	1978		1977	1978	1977	1978
Fires, total	**3,695**	**3,070**	**4,838**	**4,479**	Property use:—Con.				
Building	1,236	1,130	4,258	4,015	Residential	851	757	2,220	2,165
Outside of building [1]	138	111	150	30	1-2 family units [2]	664	623	1,763	1,780
Brush and rubbish	1,292	970	-	-	Apartments	158	109	318	294
Vehicle	575	566	329	384	Hotels and motels	15	13	115	73
Other	455	293	101	50	Other residential	14	12	24	18
Property use:									
Public assembly	38	34	299	209	Storage [3]	76	63	419	318
Educational	23	24	147	96	Industry, utility, defense [3]	66	66	604	644
Institutional	30	41	16	14					
Stores and offices	84	77	478	481	Other structures	68	68	75	68

- Represents zero. [1] Includes outside storage, crops, timber, etc. [2] Includes mobile homes. [3] Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Boston, Mass., *Fire Journal,* bimonthly. (Copyright.)



Section 18

Business Enterprise

This section relates to the place and behavior of the business firm and of business initiative in the American economy. It includes data on the number, types, and size of businesses; financial data of domestic and foreign affiliates of U.S. corporations; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; minority-owned firms; and mergers, acquisitions, and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the *Survey of Current Business,* published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin,* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year),* issued by Dun & Bradstreet, New York; and *Fortune* and *The Fortune Directory,* issued by Fortune, New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Federal Trade Commission (FTC), and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 392).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; insurance companies; and unincorporated associations such as business trusts, savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns (i.e., one return for the parent firm and all its subsidiaries), most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns,* the IRS presents balance sheet and income estimates for all active U.S. corporations. The FTC issues 2 current reports, the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations,* which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries, and the *Working Capital of U.S. Nonfinancial Corporations,* which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Nonresidential Business and Residential Capital in the United States, 1926–75,* and periodic updates in the *Survey of Current Business.*

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.5 of *National Income and Product Accounts,* published by BEA.

The IRS publishes financial data for all business enterprises. These data appear in *Statistics of Income—Business Income Tax Returns* and *Corporation Income Tax Returns.* Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by the BEA are a part of its national income and product accounts (see text, p. 435) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the IRS. Various adjustments of the IRS data are required by the national income treatment—adjustments, particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 435. BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several federally sponsored credit agencies not included in *Statistics of Income.*

Sources and uses of corporate funds.—These data (table 945) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private, nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business.* For discussion of coverage, concepts, and methodology, see January 1970 issue of the *Survey* for actual expenditures and February 1970 issue for planned expenditures.

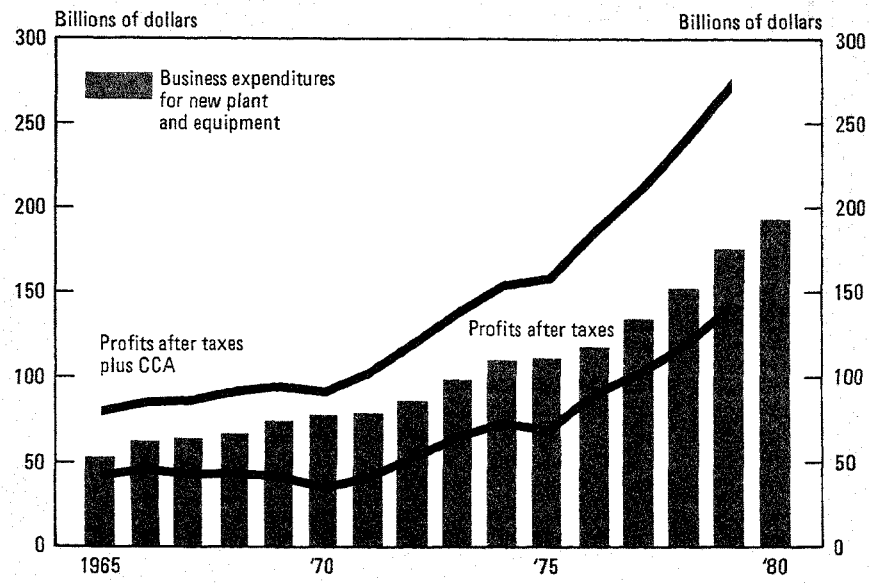
Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories figures (see tables 941 and 942) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders,* series M3-1; for data on retail and wholesale trade, see references on pp. 827–828.

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

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

Figure 18.1

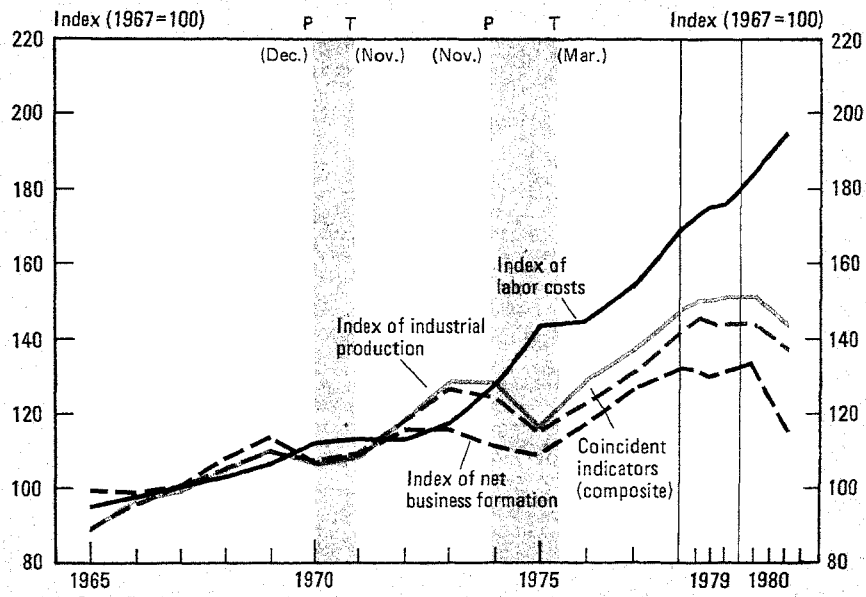
Business Expenditures, Profits, and Capital Consumption Allowances (CCA): 1965 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 940 and 963.

Figure 18.2

Cyclical Indicators — Selected Indexes: 1960 to 1980



P=Peak T=Trough Shaded area represents recession.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 944.

No. 926. Proprietorships, Partnerships, and Corporations—Number, Receipts, and Income: 1955 to 1977

[Figures are estimates based on samples for all years for proprietorships and corporations, and beginning 1960 for partnerships; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1–12]

ITEM	Unit	1955	1960	1965	1970	1973	1974	1975	1976	1977, prel.
Number	1,000	[1] 9,046	11,172	11,416	12,001	13,592	13,902	13,979	14,536	14,740
Receipts [2]	Bil. dol.	[1] 781	1,095	1,469	2,082	2,994	3,557	3,685	4,170	4,678
Net income (less deficit) [3]	*Bil. dol.*	[1] 65	*73*	*111*	*109*	*176*	*201*	*196*	*245*	*283*
Proprietorships, number [4]	1,000	8,239	9,090	9,078	9,400	10,648	10,874	10,882	11,358	11,346
Business receipts [2]	Bil. dol.	139	171	199	238	311	328	339	375	394
Net income (less deficit) [3]	Bil. dol.	18	21	28	33	47	46	45	50	51
Partnerships, number	1,000	(NA)	941	914	936	1,039	1,062	1,073	1,096	1,153
Total receipts [5]	Bil. dol.	(NA)	74	75	93	125	139	147	160	181
Net income (less deficit) [3]	Bil. dol.	(NA)	8	10	10	9	9	8	10	13
Corporations, number	1,000	807	1,141	1,424	1,665	1,905	1,966	2,024	2,082	2,241
Total receipts [5]	Bil. dol.	642	849	1,195	1,751	2,558	3,090	3,199	3,635	4,103
Net income (less deficit) [3 6]	Bil. dol.	47	44	74	66	120	146	143	185	219

NA Not available. [1] Excludes partnerships. [2] See footnote 2, table 929. [3] See footnote 3, table 929. [4] Individually owned businesses and farms. [5] Total taxable receipts *before deduction* of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. Excludes nontaxable income except nontaxable interest. See headnote, table 929. [6] Beginning 1965, includes constructive taxable income from related foreign corporations.

No. 927. Proprietorships, Partnerships, and Corporations—Number and Business Receipts, by Size of Receipts: 1970 to 1976

[See headnote, table 929, and *Historical Statistics, Colonial Times to 1970*, series V 1–12]

SIZE CLASS OF RECEIPTS	1970		1975		1976							
					Total		Number (1,000)			Receipts (bil. dol.)		
	Number (1,000)	Receipts (bil. dol.)	Number (1,000)	Receipts (bil. dol.)	Number (1,000)	Receipts (bil. dol.)	Proprietorships	Partnerships [1]	Corporations [1]	Proprietorships	Partnerships [1]	Corporations [1]
Total	**12,001**	**2,036**	**13,979**	**3,447**	**14,536**	**3,903.0**	**11,358**	**1,096**	**2,082**	**375.0**	**157.6**	**3,370.4**
Under $25,000 [2]	*8,200*	51	9,107	55	9,387	57.4	8,372	548	467	51.0	4.0	2.4
$25,000–$49,999	1,302	46	1,519	53	1,542	53.8	1,217	145	180	43.4	5.2	5.2
$50,000–$99,999	1,000	71	1,247	86	1,327	92.3	923	141	263	65.0	10.1	17.2
$100,000–$199,999	661	93	[1] 575	330	1,695	356.1	517	117	702	71.1	16.6	162.2
$200,000–$499,999	*474*	*146*					263	96		76.8	29.5	
$500,000–$999,999	181	126	249	169	271	185.3	48	29	194	32.0	19.8	133.6
$1,000,000 or more	182	1,503	284	2,754	314	3,157.9	18	20	276	35.7	72.4	3,049.8
	PERCENT DISTRIBUTION											
Under $25,000 [2]	68.3	2.5	65.1	1.6	64.6	1.5	73.7	50.0	22.4	13.6	2.3	.1
$25,000–$49,999	10.8	2.3	10.9	1.5	10.6	1.4	10.7	13.2	8.6	11.6	3.3	.2
$50,000–$99,999	8.3	3.5	8.9	2.5	9.1	2.4	8.1	12.9	12.6	17.3	6.4	.5
$100,000–$199,999	5.5	4.6	11.3	9.6	11.7	9.1	4.6	10.6	33.7	19.0	10.5	4.8
$200,000–$499,999	4.0	7.2					2.3	8.8		20.5	18.7	
$500,000–$999,999	1.5	6.2	1.8	4.9	1.9	4.7	.4	2.6	9.4	8.5	12.6	4.0
$1,000,000 or more	1.5	73.8	2.0	79.9	2.2	80.9	.1	1.8	13.3	9.5	46.0	90.4

[1] Active firms only. [2] Includes firms with no receipts.

Source of tables 926 and 927: U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns*, annual, and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 928. Federal Government Loans to All Small Businesses and to Minority-Operated Small Businesses: 1970 to 1979

[*For years ending* **June** *30 except, beginning* **1977** *ending* **Sept. 30.** *A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees*]

LOANS APPROVED	Unit	1970–1979, avg.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Loans, all businesses	1,000	26.8	15.1	21.5	28.0	33.9	27.5	22.3	26.1	31.8	31.7	30.2
Minority-operated businesses	1,000	6.8	6.3	7.8	9.0	9.1	6.9	5.4	5.5	6.2	6.1	5.5
Percent of all businesses	Percent	25	41	36	32	27	25	24	21	19	19	18
Value of total loans	Mil. dol.	2,099	710	1,128	1,574	2,196	1,948	1,594	2,071	3,049	3,314	3,407
Loans to minority-operated business	Mil. dol.	293	160	214	258	334	289	229	262	352	402	428
Percent of all loans	Percent	14	23	19	16	15	15	14	13	12	12	13

Source: U.S. Small Business Administration, unpublished data.

No. 929. Proprietorships, Partnerships, and Corporations—Number, Receipts, and Net Income, by Industry: 1977

[Figures are estimates based on sample of unaudited tax returns filed for accounting periods ending between July 1 of year shown and June 30 of following year; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. Proprietorships are individually owned businesses and farms. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (-) denotes net loss]

Industry	Number [1] (1,000)			Business receipts [1,2] (bil. dol.)			Net income (less deficit) [1,3] (bil. dol.)		
	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations
Total	**11,346**	**1,153**	**2,241**	**393.9**	**177.6**	**3,827.5**	**51.4**	**13.3**	**218.9**
Agric., forestry, and fishing	3,177	121	67	74.6	13.5	31.3	3.0	.8	.7
Mining	71	22	19	4.6	5.9	95.4	.1	−.6	31.8
Construction	994	69	216	42.8	14.2	174.8	6.6	1.5	4.5
Manufacturing	224	28	230	10.0	8.8	1,571.8	1.3	.5	99.6
Transportation, public utilities [4]	365	17	84	13.9	3.8	318.9	1.8	.2	18.5
Wholesale and retail trade [1]	2,264	193	674	160.5	48.6	1,253.2	9.8	2.6	30.6
Wholesale	307	29	239	33.5	16.6	617.7	2.5	.8	16.8
Retail	1,862	164	433	123.6	32.0	634.1	6.9	1.9	13.8
Finance, insurance, real estate [5]	895	476	434	19.3	43.9	407.5	6.4	−1.0	27.2
Services	3,302	227	514	67.8	37.8	171.3	22.5	9.2	6.3

[1] Includes business not allocable to individual industries. [2] Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. [3] Net profit (or income) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. [4] Includes sanitary services. [5] Includes total receipts for the finance, insurance and real estate industry.

No. 930. Proprietorships, Partnerships, and Corporations—Number and Receipts, by Industry and Size of Business Receipts: 1976

[**Number in thousands; receipts and net income in millions of dollars.** See headnote, table 929. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations]

Industry	Proprietorships [1]			Active partnerships			Active corporations		
	Under $50,000 [2]	$50,000-$99,999	$100,000 or more	Under $100,000 [2]	$100,000-$499,999	$500,000 or more	Under $500,000	$500,000-$999,999	$1,000,000 or more
All industrial divisions: [3]									
Number	9,589	923	846	834	213	49	1,612	195	275
Business receipts [4]	94,480	64,986	215,494	19,328	46,077	92,167	186,985	133,612	3,049,802
Net income [5]	17,857	13,085	18,558	−2,529	5,127	7,825	2,678	3,838	178,902
Agriculture, forestry, and fishing:									
Number	3,071	260	139	90	27	4	51	4	4
Business receipts [4]	28,450	18,006	31,253	2,406	5,480	5,024	6,559	3218	21,042
Mining:									
Number	49	5	6	15	2	1	11	2	3
Business receipts [4]	413	317	2,858	184	519	4,556	1,206	1,416	78,960
Construction:									
Number	778	90	95	43	14	3	143	26	27
Business receipts [4]	9,676	6,311	21,967	1,471	2,990	8,646	21,233	18,171	110,656
Manufacturing:									
Number	180	20	23	22	7	2	125	30	58
Business receipts [4]	1,894	1,441	6,115	624	1,426	5,929	20,591	21,550	1,372,313
Transportation, public utilities: [6]									
Number	297	31	17	13	3	1	64	8	9
Business receipts [4]	4,208	2,129	4,896	326	657	1,560	7,907	5,585	259,912
Wholesale and retail trade:									
Number	1,594	268	421	113	65	16	413	86	137
Business receipts [4]	18,233	19,297	120,628	3,855	14,818	27,401	70,066	61,183	963,423
Finance, insurance, and real estate:									
Number	769	37	21	387	48	12	381	12	19
Business receipts [4] [7]	7,470	2,472	5,330	6,352	10,382	20,898	21,881	8,715	323,178
Services:									
Number	2,817	212	124	151	46	10	423	26	17
Business receipts [4]	23,912	14,981	22,308	4,109	9,803	18,144	47,823	18,161	77,779

[1] Individually owned businesses and farms. [2] Includes businesses without receipts. [3] Includes businesses not allocable to individual industries. [4] See footnote 2, table 929. [5] Less loss. See footnote 3, table 929. [6] Includes sanitary services. [7] For partnerships and corporations, total receipts (which include investment income), rather than business receipts, were used as the size classifier and for the amounts shown.

Source of tables 929 and 930: U.S. Internal Revenue Service, *Statistics of Income*, annual, *Business Income Tax Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 931. WOMEN-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1972 AND 1977

[A firm is considered to be women-owned if one-half or more of the partners are women; a corporation is classified as women-owned if 50 percent or more of the stock is owned by women. The same criteria applies to minority-owned businesses]

INDUSTRY	FIRMS, 1972 (1,000)		RECEIPTS, 1972 (bil. dol.)		FIRMS, 1977 (1,000)			RECEIPTS, 1977 (bil. dol.)		
						Women-owned			Women-owned	
	All firms [1]	Women owned	All firms [1]	Women owned	All firms [1]	Number of firms	Percent of all firms	All firms [1]	Receipts	Percent of all firms
All industries, total	[2] 7,563	486	[2] 384.6	23.5	9,833	702	7.1	633.1	41.5	6.6
Construction	896	21	49.9	2.3	1,107	21	1.9	72.6	2.9	4.0
Manufacturing	264	14	25.9	2.0	287	19	6.6	38.5	3.6	9.4
Transportation and public utilities	370	10	12.4	.6	419	12	2.9	22.8	1.3	5.7
Wholesale and retail trade	2,475	182	209.9	14.5	2,600	228	8.8	291.4	23.4	8.0
Finance, insurance, real estate	1,055	45	33.9	.9	1,404	66	4.7	66.6	2.1	3.2
Selected services	2,171	163	43.4	2.5	3,623	316	8.7	120.1	7.1	5.9
Other industries [3]	332	50	9.2	.6	393	40	10.2	21.2	1.2	5.7

[1] Based on data from U.S. Internal Revenue Service, preliminary report, *Statistics of Income, Business Income Tax Returns, 1972* and *Statistics of Income, Corporation Income Tax Returns, 1976.*
[2] Excludes railroads. [3] Includes industries not classified.

Source: U.S. Bureau of the Census, *Women-Owned Businesses, 1972* and *1977.*

NO. 932. U.S. AND MINORITY-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1977

[Number and employment in thousands and receipts in billions of dollars, except percent. Based on a mail canvass, various published and unpublished source listings, and personal contacts with knowledgeable community and governmental representatives, and records of the Internal Revenue Service and the Social Security Administration. "Minority" identified to include the following groups: Black, Chinese, Japanese, Puerto Rican, Mexican or Latin American, American Indian, Filipino, Korean, Hawaiian, etc. 1977 data have been adjusted to the same coverage as 1972 for comparison only. See also headnote, table 931]

INDUSTRY	All U.S. firms, 1977	1977					Percent change from 1972		
		Business firms owned by—							
		All minorities	Percent minorities of all firms	Black	Spanish origin	Other	All minorities	Black	Spanish origin
Number of firms, total [1]	[2] 9,833	[2] 560	5.7	231	219	111	31	12	53
With paid employees	(X)	103	(X)	40	41	24	44	46	35
With no paid employees	(X)	456	(X)	191	178	87	28	6	57
Construction	1,107	52	4.7	21	27	4	31	10	52
Manufacturing	287	12	42	4	6	3	40	16	48
Transportaton and public utilities [3]	419	36	8.6	23	11	3	21	8	57
Wholesale trade	2,600	157	6.0	2	4	3	43	30	32
Retail trade				55	58	34	23	3	31
Finance, insurance, real estate	1,404	28	2.0	10	12	6	52	28	85
Selected services	3,623	234	6.5	102	87	46	42	20	85
Business receipts, total [1]	[2] 633.1	[2] 22.2	3.5	8.6	10.4	7.4	69	47	75
Firms with paid employees	(X)	14.9	(X)	6.4	7.1	5.5	83	75	79
With no paid employees	(X)	7.4	(X)	2.2	3.3	1.9	41	1	66
Construction	72.6	2.1	2.9	.8	1.2	.4	55	21	74
Manufacturing	38.5	.9	2.3	.6	.9	.5	50	69	90
Transportation and public utilities [3]	22.8	.9	3.9	.5	.4	.2	69	42	131
Wholesale trade	291.4	10.8	3.7	.7	.8	.6	78	104	69
Retail trade				3.4	3.8	3.5	59	39	52
Finance, insurance, real estate	66.6	.7	1.1	.6	.4	.3	84	63	129
Selected services	120.1	5.9	4.9	1.9	2.6	1.7	91	57	121
Employment, total [1]	(NA)	[2] 424	(NA)	164	206	130	21	6	29
Construction	(NA)	42	(NA)	17	23	5	−2	−22	12
Manufacturing	(NA)	37	(NA)	16	28	16	40	12	45
Transportation and public utilities [3]	(NA)	12	(NA)	8	4	3	-	−3	(Z)
Wholesale trade	(NA)	10	(NA)	5	6	4	17	22	14
Retail trade	(NA)	166	(NA)	46	75	62	25	4	32
Finance, insurance, real estate	(NA)	10	(NA)	15	5	4	-	1	26
Selected services	(NA)	139	(NA)	55	61	34	31	23	35

- Represents zero. NA Not available. X Not applicable. Z Less than .5 percent. [1] Includes industries not shown separately. [2] Excludes large corporations for comparison to all U.S. firms; breakdown by race includes large corporations. [3] Excludes railroads.

Source: U.S. Bureau of the Census, *Minority-Owned Businesses: 1977.*

No. 933. Consumer Cooperatives, by Type of Association: 1965 to 1976

[Members in thousands; business in millions of dollars. Business refers to loans outstanding]

TYPE OF ASSOCIATION	1965			1970			1977		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions [1]	22,064	16,756	8,098	23,656	22,813	14,106	[2] 22,106	[2] 40,720	[2] 50,268
Electric power cooperatives [3]	885	4,964	781	875	5,789	1,195	871	8,435	5,322
Rural telephone cooperatives [4]	219	485	48	235	609	86	246	854	221
Independent prepaid and self-insured health plans [5]	569	8,684	582	[6] 457	10,532	1,016	1,207	18,876	4,366
Community consumer	43	3,400	216	[6] 40	4,900	457	50	6,939	1,445
Labor and management	507	5,068	366	[6] 418	5,500	559	1,047	11,237	2,707
Health professionals (both profit making and non-profit plans)	19	(NA)	(NA)	(NA)	(NA)	(NA)	110	700	214
Farm supply cooperatives selling producer and consumer goods [7]	6,763	(NA)	2,910	6,209	(NA)	3,871	5,320	(NA)	10,557
Petroleum products [8]	2,773	(NA)	643	2,774	(NA)	862	3,025	(NA)	2,514
Meats and groceries	775	(NA)	60	717	(NA)	83	499	(NA)	92
Miscellaneous [9]	4,800+	(NA)	356	4,800+	(NA)	527	4,400	(NA)	1,213

NA Not available. [1] Source: 1965, U.S. Social Security Administration; beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration.* See also table 889. [2] 1978 data. [3] Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Electric Borrowers.* Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. [4] Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers.* Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues. [5] Source: U.S. Health Care Financing Administration. Data do not include dental service corporations or vision service corporations. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). Data for 1977 are preliminary pending completion of 1978 Nationwide Census of such plans. [6] 1968 data. [7] Data for fiscal years ending June 30 or earlier in years shown. 1977 is preliminary. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. Three types of consumer goods are shown in table. See table 1232. [8] Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. [9] Includes hardware, building supplies, lawn and garden items, electrical goods, containers, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, unpublished data.

No. 934. Determinants of Business Fixed Investment: 1960 to 1979

[Percent]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Ratio of real investment to real GNP [1]	9.0	10.3	10.2	9.8	10.0	10.6	10.7	9.4	9.3	9.6	10.0	10.4
Capacity utilization rate in mfg. [2]	80.2	89.6	79.3	78.4	83.5	87.6	83.8	72.9	79.5	81.9	84.4	85.7
Nonfinancial corporations:												
Cash flow as percent of GNP [1, 3]	9.0	10.4	7.9	8.2	8.6	8.0	6.9	8.7	9.1	9.1	8.8	8.4
Rate of return—												
Net on depreciable assets [4]	11.2	15.8	9.4	9.7	10.7	10.3	7.8	8.3	9.3	9.7	9.7	9.2
On stockholders equity [5]	5.0	9.3	4.6	5.4	6.6	9.2	6.8	5.4	4.8	6.3	7.1	7.9
Ratio of market value to replacement cost of net assets [6]	1.02	1.35	.91	1.00	1.07	1.01	.75	.71	.80	.73	.68	.65

[1] GNP = Gross national product. [2] Federal Reserve Board index. For capacity by stage of processing, see table 1438. [3] Cash flow calculated as after-tax profits plus capital consumption allowance plus inventory valuation adjustment. [4] Profits before taxes plus capital consumption adjustment and inventory valuation adjustment plus net interest paid divided by the stock of depreciable assets valued at current replacement cost. [5] After-tax profits corrected for inflation effects divided by net worth (physical capital component valued at current replacement cost). [6] Equity plus interest-bearing debt divided by current replacement cost of net assets.

Source: U.S. Council of Economic Advisers, *Economic Report of the President,* annual. Data from U.S. Bureau of Economic Analysis and the Board of Governors of the Federal Reserve System.

No. 935. Average Annual Growth Rate of Fixed Business Capital Per Hour Worked in Private Business: 1948 to 1979

[In percent. Rates based on capital valued in constant (1972) dollars. Excludes nonprofit institutions and government enterprises; see also headnote, table 936]

ITEM	1948–1965	1965–1973	1973–1978	1973–1974	1974–1975	1975–1976	1976–1977	1977–1978	1978–1979
Total gross	2.3	2.4	1.3	2.8	7.0	−.6	−1.0	−1.6	−.1
Structures	1.5	1.6	.5	1.9	6.3	−1.2	−2.0	−2.3	−.7
Equipment	4.0	3.6	2.4	4.1	8.1	.3	.2	−.6	.9
Total net	2.7	2.9	.8	2.7	6.1	−1.3	−1.4	−1.9	−.1
Structures	2.3	2.2	.1	1.9	5.5	−1.8	−2.4	−2.6	−.8
Equipment	3.5	4.0	2.0	4.0	7.1	−.4	.2	−.7	.8

Source: U.S. Bureau of Labor Statistics and U.S. Bureau of Economic Analysis, unpublished data.

No. 936. Fixed Nonresidential Business Capital—Cost Valuation in Current and Constant (1972) Dollars: 1960 to 1979

[**In billions of dollars.** Stocks as of **Dec. 31**; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement, net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1976 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480–527]

ITEM	1960	1965	1970	1972 [1]	1973	1974	1975	1976	1977	1978	1979
	CURRENT DOLLARS										
All industries: [2]											
Gross stocks	680.6	837.7	1,339.0	1,582.7	1,814.6	2,135.3	2,392.4	2,600.0	2,859.4	3,212.5	3,645.5
Equipment	336.6	408.4	632.4	726.4	814.2	963.4	1,104.8	1,215.4	1,338.3	1,490.2	1,681.8
Structures	343.9	429.4	706.6	856.4	1,000.3	1,171.9	1,287.6	1,384.5	1,521.0	1,722.4	1,963.7
Net stocks	374.4	474.5	784.8	922.5	1,059.5	1,244.1	1,378.6	1,485.0	1,624.9	1,819.6	2,060.7
Equipment	179.0	220.6	354.0	401.1	451.0	532.8	605.2	660.8	725.7	805.8	908.0
Structures	195.4	253.8	430.7	521.5	608.5	711.3	773.4	824.2	899.2	1,013.7	1,152.7
Depreciation	36.7	44.2	71.2	83.6	91.4	107.3	127.9	139.6	152.0	170.5	191.8
Equipment	25.4	30.5	49.0	57.1	61.7	71.3	87.0	95.0	103.8	116.1	129.7
Structures	11.3	13.7	22.1	26.5	29.7	35.9	40.9	44.6	48.2	54.3	62.1
Manufacturing:											
Gross stocks	171.0	205.9	321.6	364.0	410.3	480.1	527.8	566.8	624.1	700.8	796.1
Equipment	97.7	118.2	181.7	203.4	226.7	269.8	307.0	341.1	381.6	428.5	486.1
Structures	73.4	87.8	139.9	160.6	183.6	210.3	220.8	225.7	242.5	272.3	310.0
Net stocks	90.7	108.6	176.1	195.6	220.1	257.6	280.4	301.1	331.8	372.3	424.6
Equipment	51.4	62.6	101.1	110.7	123.5	147.4	165.3	184.2	207.4	232.6	264.5
Structures	39.2	46.0	75.0	85.0	96.5	110.2	115.1	116.9	124.4	139.6	160.1
Depreciation	9.5	11.3	18.2	20.7	22.4	26.0	30.5	32.6	35.7	39.8	45.3
Equipment	7.0	8.3	13.3	15.2	16.3	18.8	22.5	24.6	27.4	30.5	34.8
Structures	2.5	3.0	4.8	5.5	6.1	7.2	8.0	8.0	8.4	9.3	10.6
Nonfarm nonmfg.:											
Gross stocks	453.6	565.8	919.8	1,106.7	1,278.1	1,508.9	1,700.5	1,853.2	2,037.5	2,289.7	2,596.7
Equipment	203.3	249.5	393.6	459.0	517.0	610.8	701.9	767.6	839.0	930.8	1,047.1
Structures	250.3	316.3	526.2	647.8	761.1	898.1	998.5	1,085.6	1,198.4	1,359.0	1,549.5
Net stocks	254.0	329.7	554.2	664.9	769.3	905.1	1,006.9	1,084.1	1,184.0	1,325.7	1,497.7
Equipment	110.0	137.3	222.9	256.9	290.2	341.4	388.6	419.2	455.5	503.9	564.7
Structures	144.0	192.4	331.3	408.1	479.1	563.6	618.3	664.9	728.5	821.8	933.0
Depreciation	23.7	28.9	47.3	56.6	62.3	73.6	88.4	96.9	105.3	118.5	132.6
Equipment	15.5	18.9	31.0	36.8	40.1	46.5	57.3	62.3	67.5	75.8	83.6
Structures	8.2	10.0	16.3	19.8	22.3	27.1	31.1	34.6	37.8	42.8	49.0
	CONSTANT (1972) DOLLARS										
All industries: [2]											
Gross stocks	963.9	1,135.2	1,421.6	1,527.6	1,593.2	1,656.6	1,701.7	1,748.2	1,805.2	1,866.7	1,932.7
Equipment	426.0	500.6	651.4	707.5	745.8	780.6	806.9	832.8	867.6	903.0	939.9
Structures	537.9	634.6	770.1	820.1	847.5	875.9	894.7	915.4	937.6	963.7	992.8
Net stocks	533.0	645.9	833.7	889.8	928.5	963.7	981.3	1,000.8	1,029.0	1,060.2	1,095.1
Equipment	225.9	269.7	364.4	390.4	413.0	431.8	442.3	453.4	472.1	490.7	510.2
Structures	307.1	376.2	469.3	499.4	515.5	532.0	539.0	547.4	556.8	569.6	584.9
Depreciation	49.8	58.5	77.0	83.6	87.6	91.9	96.6	99.0	101.7	107.3	110.2
Equipment	32.4	38.0	52.1	57.1	60.2	63.7	67.6	69.4	71.3	76.2	78.1
Structures	17.4	20.5	25.0	26.5	27.3	28.2	29.0	29.6	30.3	31.2	32.1
Manufacturing:											
Gross stocks	254.4	281.6	340.8	353.5	363.8	375.5	380.6	389.7	401.3	413.5	427.8
Equipment	130.5	147.9	188.9	200.1	209.1	218.6	223.0	231.9	242.9	253.1	264.3
Structures	123.9	133.7	151.9	153.4	154.7	156.9	157.6	157.8	158.4	160.5	163.5
Net stocks	134.7	148.3	186.5	190.0	195.3	201.6	202.2	206.8	213.3	219.9	228.6
Equipment	68.5	78.2	105.0	108.8	113.9	119.4	120.0	125.2	132.0	137.6	144.1
Structures	66.2	70.1	81.5	81.2	81.4	82.2	82.2	81.7	81.2	82.3	84.4
Depreciation	13.5	15.2	19.6	20.7	21.5	22.4	23.0	23.4	24.2	25.2	26.3
Equipment	9.2	10.5	14.1	15.2	15.9	16.7	17.3	17.7	18.5	19.4	20.4
Structures	4.3	4.7	5.4	5.5	5.6	5.6	5.7	5.7	5.7	5.8	5.9
Nonfarm nonmfg..											
Gross stocks	629.9	766.2	979.0	1,068.0	1,120.2	1,168.8	1,205.6	1,239.8	1,282.6	1,329.1	1,377.2
Equipment	250.0	303.9	404.8	447.1	474.7	498.6	518.4	533.3	555.7	579.5	602.8
Structures	379.9	462.3	574.2	620.8	645.5	670.2	687.2	706.4	726.8	749.6	774.3
Net stocks	354.7	448.8	589.8	640.6	672.2	699.3	714.5	727.7	748.3	771.9	798.2
Equipment	134.4	166.2	228.5	249.6	265.9	278.3	286.9	291.7	303.0	315.5	327.2
Structures	220.3	282.6	361.3	391.0	406.3	420.9	427.6	436.0	445.3	456.5	469.0
Depreciation	31.5	38.2	51.2	56.6	59.7	63.0	66.9	68.6	70.3	75.0	76.5
Equipment	19.3	23.4	32.9	36.8	39.2	41.7	45.0	46.1	47.1	51.0	51.7
Structures	12.2	14.8	18.4	19.8	20.5	21.3	22.0	22.6	23.2	24.0	24.6

[1] For gross and net stocks, constant dollar data are generally lower than current dollar data for year end 1972. Implicit price deflator is set equal to 1; due to inflation during last six months of 1972, implicit price deflator applied to stocks at year-end was greater than 1. *Depreciation is deflated by the annual average deflator.* [2] Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Nonresidential Business and Residential Capital in the United States, 1925–1975; Survey of Current Business*, August issues; and unpublished data.

NO. 937. FIXED NONRESIDENTIAL INVESTMENT—BY TYPE OF STRUCTURE: 1960 TO 1979

[**In billions of dollars.** See headnote, table 940]

TYPE OF STRUCTURE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Investment, total	18.2	26.1	37.7	42.5	49.0	54.5	53.8	57.3	62.6	76.5	92.6
New investment	18.3	26.2	37.4	42.3	48.6	54.1	53.5	57.0	62.2	76.0	92.0
Buildings, excl. farm	10.2	16.6	21.6	24.3	27.8	29.8	26.6	26.3	28.9	36.5	46.4
Industrial	2.9	5.7	6.5	4.7	6.2	7.9	8.0	7.2	7.7	11.0	14.5
Commercial	4.2	6.5	9.9	13.7	15.7	16.1	13.0	13.0	15.0	16.8	24.5
Religious	1.0	1.3	.9	.8	.8	.9	.9	1.0	1.0	1.2	1.5
Educational	.6	.7	.9	1.0	.8	.7	.6	.7	.7	.7	.8
Hospital and institutional	.6	1.4	2.5	3.2	3.2	3.2	3.2	3.4	3.3	3.4	3.5
Public utilities	4.6	5.7	10.6	12.5	14.3	15.6	16.3	19.0	18.8	22.4	25.9
Railroads	.3	.3	.3	.4	.4	.6	.5	.6	.8	1.0	1.1
Telephone and telegraph	1.1	1.5	2.9	3.2	3.9	4.2	3.6	3.7	4.3	5.3	6.2
Electric light and power	2.0	2.5	5.5	7.0	8.1	8.4	8.9	10.6	11.1	13.4	15.4
Gas	1.1	1.3	1.6	1.6	1.6	1.7	1.3	1.2	1.5	2.2	2.5
Petroleum pipelines	.1	.1	.3	.3	.3	.8	1.9	2.9	1.2	.5	.7
Farm	.8	1.0	1.5	1.4	2.1	2.7	2.4	2.6	2.8	3.2	3.7
Mining exploration, shafts, wells	2.3	2.4	2.8	3.1	3.4	5.0	7.1	8.0	10.3	12.6	14.8
Petroleum and natural gas	2.2	2.3	2.5	2.7	3.0	4.3	6.3	7.1	9.4	11.6	13.5
Brokers' commissions	.2	.3	.4	.4	.5	.5	.5	.5	.5	.6	.8
Net purchase of used structures	−.3	−.3	−.1	−.1	−.2	−.2	−.1	−.1	−.1	−.1	−.2

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74;* and *Survey of Current Business,* July issues; and unpublished data.

NO. 938. FIXED NONRESIDENTIAL BUSINESS CAPITAL—AVERAGE AGE OF GROSS STOCKS, CONSTANT (1972) COST VALUATION: 1960 TO 1979

[**Age in years.** As of **Dec. 31.** See headnote, table 936, and *Historical Statistics, Colonial Times to 1970,* series F 516-527]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
All industries: Gross stocks	11.9	11.1	10.3	10.2	10.1	10.1	10.1	10.2	10.2	10.2	10.2
Equipment	7.1	7.0	6.5	6.5	6.4	6.4	6.4	6.5	6.4	6.4	6.4
Structures	15.7	14.4	13.4	13.4	13.4	13.4	13.5	13.6	13.8	13.8	13.9
Manufacturing: Gross stocks	10.9	10.9	10.0	10.1	10.0	9.9	10.0	9.9	9.8	9.7	9.6
Equipment	7.5	7.4	6.8	6.9	6.8	6.8	6.9	6.8	6.7	6.7	6.7
Structures	14.5	14.6	14.1	14.2	14.3	14.3	14.4	14.4	14.5	14.5	14.4
Nonfarm nonmfg.: Gross stocks	12.5	11.3	10.3	10.2	10.1	10.1	10.2	10.3	10.3	10.3	10.4
Equipment	6.9	6.8	6.3	6.3	6.2	6.2	6.2	6.3	6.3	6.2	6.2
Structures	16.1	14.2	13.1	13.0	13.0	13.0	13.1	13.3	13.4	13.5	13.6
Farm: Gross stocks	10.9	10.7	10.4	10.6	10.6	10.6	10.6	10.7	10.8	10.9	10.9
Equipment	7.0	7.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7
Structures	16.1	15.4	15.4	15.7	15.8	15.8	16.0	16.1	16.3	16.4	16.6

Source: U.S. Bureau of Economic Analysis; *Fixed Nonresidential Business and Residential Capital in the United States, 1925–1975,* and unpublished data.

NO. 939. CAPITAL INVESTED PER EMPLOYEE: 1950 TO 1976

[**In thousands of 1972 dollars.** Represents all persons working in industries indicated. Asset data based on National Technical Information Service analyses; for a detailed description of methodology, see *The National Wealth of the United States: By Major Sectors and Industries, 1976,* by the Conference Board]

INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1976	INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1976
Real estate, 65	958.9	823.1	800.7	752.7	Fabricated metals, 34	9.9	15.3	18.6	21.6
Public utilities, 49	165.7	239.7	298.5	367.6	Rubber and plastics, 30	13.5	18.2	18.8	20.9
Petroleum, 29	70.4	100.0	140.1	150.9	Finance and insurance, 60-64	11.0	13.5	17.0	20.1
Communication, 48	48.5	74.3	102.5	138.2	Lumber and wood, 24	11.7	10.1	15.6	20.0
Transportation, 41-47	86.9	104.2	101.7	102.8	Instruments, 38	12.3	13.8	16.8	19.4
Primary metals, 33	28.7	45.6	55.2	65.6					
Mining, 10-14	43.3	61.0	70.1	59.1	Textiles, 22	7.9	15.7	17.1	18.6
					Electric machinery, 36	9.6	9.8	14.9	18.1
Tobacco, 21	34.1	46.3	49.1	58.7	Misc. manufacturing, 39	9.4	8.8	14.7	15.7
Chemicals, 28	34.7	43.9	48.6	55.1	Printing and publishing, 27	12.1	9.9	12.8	15.3
Paper, 26	31.4	33.8	39.3	46.3	Wholesale, retail trade, 50-59	12.4	13.9	14.6	14.6
Stone, clay, glass, 32	18.2	26.5	31.5	36.4					
Transportation equip, 37	13.7	16.5	23.1	27.2	Construction, 15-17	5.2	7.5	10.6	11.7
Nonelectric machinery, 35	14.8	18.3	22.7	26.5	Furniture and fixtures, 25	9.2	8.3	8.7	10.0
Food, 20	20.3	21.1	23.1	25.0	Leather, 31	5.3	4.1	6.0	7.1
Services, 70-89	19.0	18.3	22.5	22.8	Apparel, 3	3.3	2.8	4.8	6.1

Source: The Conference Board, New York, N.Y., *Road Maps of Industry,* monthly. (Copyright.)

No. 940. Business Expenditures for New Plant and Equipment: 1960 to 1980

[*In billions of dollars, except percent.* Excludes expenditures of agricultural business, professionals, institutions, and real estate firms, and current account outlays. Based on sample and subject to sampling variability; see text, p. 554. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment; and include investment by farmers, professionals, nonprofit institutions, and real estate firms, and certain outlays to current account. Minus sign (−) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series V 306-332]

INDUSTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 [1]
All industries	**36.75**	**54.42**	**79.71**	**99.74**	**112.40**	**112.78**	**120.49**	**135.80**	**153.82**	**177.09**	**194.63**
Manufacturing	15.09	23.44	31.95	38.01	46.01	47.95	52.48	60.16	67.62	78.92	89.55
Durable goods	7.23	11.50	15.80	19.25	22.62	21.84	23.68	27.77	31.66	38.23	43.11
Primary metals [2]	1.82	2.54	3.24	3.43	4.95	5.99	5.97	5.68	5.87	6.57	7.60
Blast furnaces, steel works	1.35	1.57	1.68	1.38	2.12	3.03	2.99	2.67	2.46	2.97	3.71
Nonferrous metals	.32	.73	1.24	1.67	2.33	2.28	2.16	2.24	2.45	2.61	2.91
Electrical machinery [3]	.90	1.12	2.27	2.84	2.97	2.31	2.62	3.28	3.98	5.17	6.10
Machinery [4]	1.25	2.31	3.47	3.42	4.42	4.50	5.03	5.76	6.29	8.41	9.39
Transportation equip. [2]	1.25	2.54	2.43	3.12	3.75	3.24	3.62	5.32	6.40	7.75	8.94
Motor vehicles	.79	1.89	1.59	2.28	2.70	2.06	2.45	4.06	4.65	5.36	5.96
Aircraft	.34	.46	.54	.53	.80	.92	.94	1.02	1.02	2.10	2.76
Stone, clay, and glass	.75	.92	.99	1.49	1.44	1.42	1.72	1.99	2.46	2.92	2.84
Other durables	1.26	2.07	3.41	4.96	5.10	4.38	4.73	5.73	6.65	7.41	8.24
Nondurable goods	7.85	11.94	16.15	18.76	23.39	26.11	28.81	32.39	35.96	40.69	46.45
Food and beverages	1.94	1.83	2.84	3.11	3.25	3.26	3.75	4.18	4.87	5.06	5.29
Paper	.77	1.22	1.65	1.86	2.58	2.95	3.27	3.36	3.46	4.88	6.04
Chemicals	1.55	2.73	3.44	4.46	5.69	6.25	6.68	6.83	7.10	8.56	9.55
Petroleum	2.89	4.03	5.62	5.45	8.00	10.51	11.62	13.87	15.50	16.62	19.53
Rubber	.31	.56	.94	1.56	1.47	1.00	1.10	1.45	1.75	1.80	1.71
Textiles	.37	.66	.56	.77	.84	.66	.81	.92	1.04	1.06	1.15
Other nondurables	.62	.92	1.10	1.56	1.55	1.48	1.59	1.78	2.24	2.71	3.18
Nonmanufacturing	21.66	30.98	47.76	61.73	66.39	64.82	68.01	75.64	86.19	98.17	105.08
Mining	1.30	1.46	1.89	2.74	3.18	3.79	4.00	4.50	4.78	5.56	6.18
Railroad	1.16	1.99	1.78	1.96	2.54	2.55	2.52	2.80	3.32	3.93	3.96
Air transportation	.66	1.22	3.03	2.41	2.00	1.84	1.30	1.62	2.30	3.24	3.77
Other transportation	1.30	1.68	1.23	1.66	2.12	3.18	3.63	2.51	2.43	2.95	3.22
Public utilities	5.24	6.13	13.14	18.71	20.55	20.14	22.28	25.80	29.48	32.56	32.94
Electric	3.62	4.43	10.65	15.94	17.63	17.00	18.80	21.59	24.79	27.50	27.21
Gas and other	1.62	1.70	2.49	2.76	2.92	3.14	3.47	4.21	4.70	5.07	5.73
Communication	3.24	5.30	10.10	12.85	13.96	12.74	13.30	15.45	18.16	20.56	22.51
Commercial and other [5]	8.75	13.19	16.59	21.40	22.05	20.60	20.99	22.97	25.71	29.35	32.51
Avg. annual percent change: [6]											
All industries	[7] 4.5	8.2	7.9	12.8	12.7	.3	6.8	12.7	13.3	15.1	9.9
Manufacturing	[7] 4.9	9.2	6.4	21.2	21.1	4.2	9.5	14.6	12.4	16.7	13.5
Nonmanufacturing	[7] 4.2	7.4	9.0	8.1	7.6	−2.4	4.9	11.2	13.9	13.9	7.0

[1] *Estimates based on expected capital expenditures as reported by business in late April and May 1980.* [2] Includes industries not shown separately. [3] Includes equipment. [4] Excludes electrical. [5] Trade, service, construction, finance, and insurance. [6] Change from prior year shown here; e.g., 1965 from 1960, except as noted. For explanation of *average annual percent change*, see *Guide to Tabular Presentation*. [7] Change from 1955.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 941. Nonfarm Business Inventories in Current and Constant (1972) Dollars: 1960 to 1979

[**In billions of dollars.** As of **end of year.** To ascertain net physical change in nonfarm inventories, book values of *beginning and ending inventories* of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics producer (wholesale) price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios or current prices to base year prices. See text, p. 392, for discussion of Standard Industrial Classification]

CLASS OF INVENTORY	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Current dollars, total	**111.3**	**143.0**	**212.5**	**225.1**	**243.9**	**289.6**	**363.7**	**364.0**	**399.8**	**444.6**	**510.2**	**607.8**
Manufacturing	58.1	73.7	110.8	113.6	120.4	143.6	186.4	187.9	203.9	222.5	253.7	309.7
Wholesale trade	19.6	25.3	38.3	41.2	45.7	55.2	69.8	68.1	76.6	86.4	102.0	120.1
Retail trade	25.6	33.1	45.6	51.0	55.9	64.4	72.3	72.1	80.5	91.6	105.4	117.2
All other	8.1	10.9	17.7	19.2	21.8	26.4	35.2	35.9	38.8	44.1	49.1	60.8
Constant (1972) dollars, total	**136.8**	**172.8**	**223.6**	**228.8**	**237.6**	**251.8**	**260.1**	**249.1**	**257.5**	**270.8**	**284.6**	**293.4**
Manufacturing	72.4	89.1	117.1	115.4	117.5	123.6	128.6	124.2	126.8	131.0	136.3	143.5
Wholesale trade	24.3	30.5	40.4	42.0	44.4	47.4	50.6	47.2	50.3	53.7	58.2	59.7
Retail trade	31.5	39.4	47.3	51.9	54.4	58.2	56.5	54.0	56.8	61.6	64.8	64.3
All other	10.7	13.8	18.8	19.5	21.3	22.7	24.5	23.6	23.6	24.5	25.3	25.9

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues and March 1980.

NO. 942. MANUFACTURING AND TRADE—SALES AND INVENTORIES IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[**In billions of dollars, except ratios.** See *Historical Statistics, Colonial Times to 1970,* series V 78–107, for single year figures prior to minor revisions issued in 1976 and since]

ITEM	1960	1965	1970 [1]	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS										
Sales, average monthly	**61**	**80**	**108**	**152**	**176**	**180**	**202**	**225**	**254**	**288**
Manufacturing	31	41	53	73	85	87	99	111	125	141
Retail trade	18	24	31	43	45	49	55	60	67	74
Merchant wholesalers	12	16	24	37	46	45	48	54	63	74
Inventories [2]	**95**	**121**	**178**	**234**	**286**	**285**	**311**	**337**	**381**	**427**
Manufacturing	54	68	102	125	158	156	170	180	198	228
Retail trade	27	34	44	63	71	72	79	89	102	109
Merchant wholesalers	14	18	33	46	57	55	61	68	81	90
Inventory-sales ratio [3]	**1.56**	**1.45**	**1.62**	**1.43**	**1.47**	**1.58**	**1.48**	**1.44**	**1.41**	**1.41**
Manufacturing	1.75	1.60	1.90	1.58	1.65	1.83	1.66	1.59	1.52	1.52
Retail trade	1.45	1.39	1.41	1.40	1.48	1.44	1.38	1.39	1.43	1.45
Merchant wholesalers	1.22	1.15	1.29	1.17	1.12	1.24	1.21	1.21	1.19	1.17
CONSTANT (1972) DOLLARS [4]										
Sales, average monthly	**77**	**102**	**115**	**142**	**133**	**133**	**143**	**153**	**162**	**161**
Manufacturing	38	52	54	69	65	63	68	73	77	76
Retail trade	24	31	34	40	38	41	43	45	47	47
Merchant wholesalers	15	20	26	33	31	30	32	34	38	38
Inventories	**123**	**152**	**197**	**220**	**227**	**217**	**225**	**237**	**250**	**257**
Manufacturing	72	89	117	124	129	124	127	131	136	144
Retail trade	33	41	47	58	57	54	57	62	65	64
Merchant wholesalers	17	22	32	38	42	39	42	44	49	50
Inventory-sales ratios [5]	**1.60**	**1.49**	**1.72**	**1.55**	**1.70**	**1.63**	**1.57**	**1.55**	**1.54**	**1.60**
Manufacturing	1.89	1.72	2.15	1.80	1.99	1.97	1.86	1.80	1.76	1.90
Retail trade	1.39	1.34	1.39	1.45	1.49	1.33	1.32	1.36	1.37	1.38
Merchant wholesalers	1.21	1.13	1.25	1.17	1.34	1.30	1.30	1.29	1.29	1.29

[1] Beginning 1970, data not comparable with earlier years due to revised procedures. [2] Book value; seasonally adjusted end-of-year data. See text, page 554. [3] Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. [4] Source: 1960 to 1976, U.S. Bureau of Economic Analysis, *Business Statistics,* annual; thereafter, *Survey of Current Business,* July issues. [5] End of fourth quarter inventories to average monthly sales for fourth quarter.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports,* monthly.

NO. 943. BUSINESS CYCLE EXPANSIONS AND CONTRACTIONS—MONTHS OF DURATION: 1924 TO 1980

[The lower turning point of a cycle is considered a trough, the upper turning point a peak]

BUSINESS CYCLE REFERENCE DATE		Contraction (trough from previous peak)	Expansion (trough to peak)	LENGTH OF CYCLE (mo.)	
Trough	Peak			Trough from previous trough	Peak from previous peak
July 1924	October 1926	14	27	36	41
November 1927	August 1929	13	21	40	34
March 1933	May 1937	43	50	64	93
June 1938	February 1945	13	80	63	93
October 1945	November 1948	8	37	88	45
October 1949	July 1953	11	45	48	56
May 1954	August 1957	10	39	55	49
April 1958	April 1960	8	24	47	32
February 1961	December 1969	10	106	34	116
November 1970	November 1973	11	36	117	47
March 1975	January 1980	16	58	52	62
Six (All) cycles, 1945–1975, average		[1] 11	48	59	58
Four (Peacetime) cycles, 1945–1975, average		11	34	45	43

[1] 7 cycles.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest, June 1980.*

NO. 944. COMPOSITE INDEXES OF CYCLICAL INDICATORS: 1970 TO 1979

[See source for discussion of composite indexes, 1979 figures are preliminary]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
LEADING INDICATORS										
Composite index, 1967=100	**104.4**	**113.7**	**124.9**	**131.8**	**122.1**	**114.8**	**128.8**	**136.4**	**141.8**	**140.1**
Indexes:										
Net business formation, 1967=100	107.1	109.5	115.5	115.5	111.2	108.8	117.2	126.5	132.9	131.7
Building permits,[1] 1967=100	118.1	167.4	192.2	157.1	92.2	80.9	111.8	144.9	145.4	123.8
Common stock prices,[2] 1941-43=100	83.2	98.3	109.2	107.4	82.8	86.2	102.0	98.2	96.0	103.0
Percent—										
Layoff rate, manufacturing	1.8	1.6	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1
Change in sensitive prices [3 4]	.4	.3	.8	1.9	2.5	.1	1.2	.7	1.2	2.1
Change in total liquid assets [4]	.5	.8	1.0	1.0	.8	.8	.9	1.0	1.0	1.0
Vendor companies reporting slower deliveries	51	48	63	88	66	30	54	55	64	63
Avg. workweek, *manufacturing* [5] *(hours)*	39.8	39.9	40.5	40.7	40.0	39.5	40.1	40.3	40.4	40.2
Net change in inventories (1972 dols.) [4 6] (bil. dol.)	(Z)	3	11	25	6	−19	6	13	19	11
Plant and equip. contracts and orders (1972 dols.) (bil. dol.)	106	111	124	150	150	115	129	145	163	175
New orders, manufacturing, *consumer goods and materials* (1972 dols.) (bil. dol.)	328	344	388	433	395	342	391	420	446	438
Money supply (M2) [7] (1972 dols.) (bil. dol.)	647	696	758	785	751	753	806	855	864	846
COINCIDENT INDICATORS										
Composite Index, 1967=100	**108.8**	**109.4**	**118.1**	**127.4**	**125.3**	**115.5**	**123.7**	**131.3**	**140.1**	**145.2**
Industrial production index, 1967=100	107.8	109.6	119.7	129.8	129.3	117.8	130.5	138.2	146.1	152.2
Employees, nonagric. payrolls (mil.)	70.9	71.2	73.7	76.8	78.3	76.9	79.4	82.5	86.7	89.9
Personal income less transfer payments (1972 dols.) (bil. dol.)	780	792	838	885	867	852	894	942	996	1,024
Sales, mfg. and trade (1972 dols.) (bil. dol.)	1,380	1,442	1,559	1,677	1,662	1,558	1,671	1,772	1,876	1,918
LAGGING INDICATORS										
Composite Index, 1967=100	**115.5**	**107.2**	**107.0**	**122.9**	**138.9**	**126.5**	**119.8**	**125.4**	**143.1**	**166.4**
Index of labor cost, [8] 1967=100	112.3	113.1	113.2	117.1	127.3	143.0	145.1	154.3	164.1	175.4
Percent—										
Ratio, consumer installment debt to personal income	12.8	12.9	13.1	13.6	13.3	12.7	13.0	13.8	14.3	15.0
Average prime rate charged by banks	7.9	5.7	5.2	8.0	10.8	7.9	6.8	6.8	9.1	12.7
Average unemployment duration (wks.)	8.6	11.3	12.0	10.0	9.8	14.2	15.8	14.3	11.9	10.8
Inventories, mfg. and trade (1972 dols.) (bil. dol.)	197	202	208	220	227	217	225	237	250	257
Commercial and industrial loans outstanding (bil. dol.)	85	84	80	97	116	118	109	113	126	147

Z Less than $500,000,000. [1] New private housing units authorized. [2] Standard and Poor, 500 stocks. [3] Producer price index, crude materials. [4] Weighted 4-term moving average placed at the terminal month of the span. [5] Production workers. [6] Changes in book value. [7] See table 902. [8] Cost per unit of output in *manufacturing*.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

NO. 945. CORPORATE FUNDS—SOURCES AND USES: 1960 TO 1979

[In billions of dollars. Covers nonfarm nonfinancial corporate business]

SOURCE AND USE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Sources, total	**47.6**	**91.1**	**104.4**	**200.0**	**191.3**	**150.0**	**209.7**	**242.3**	**295.7**	**342.0**
Internal	**34.7**	**56.1**	**58.9**	**83.8**	**75.7**	**106.8**	**125.3**	**139.9**	**148.8**	**159.5**
Undistributed profits	9.8	21.7	9.6	32.5	39.1	35.1	48.5	52.0	61.0	77.6
Adjustments [1]	−2.0	1.7	−3.5	−16.7	−43.5	−24.1	−28.6	−26.4	−37.3	−56.9
Capital consumption allowances	26.8	32.6	52.7	68.1	80.0	95.7	105.3	114.3	125.1	138.8
External [2]	**12.9**	**35.1**	**45.5**	**116.2**	**115.6**	**43.2**	**84.4**	**102.3**	**146.9**	**182.5**
Percent of total	27.1	38.5	43.6	58.1	60.4	28.8	40.3	42.2	49.7	53.4
Credit market funds, net	11.9	20.6	40.7	73.0	82.1	37.9	60.7	79.9	94.7	113.1
Net new equity issues	1.4	–	5.7	7.9	4.1	9.9	10.5	2.7	2.6	3.2
Long-term debt [3]	7.2	13.5	28.5	41.3	47.5	34.2	38.5	50.3	58.9	68.1
Short-term debt [4]	3.3	7.2	6.5	23.8	30.6	−6.3	11.6	26.9	33.2	41.8
Other [5]	1.0	14.4	4.9	43.1	33.4	5.3	23.8	22.4	52.2	69.5
Uses, total	**40.6**	**82.2**	**95.9**	**185.6**	**179.0**	**133.0**	**183.3**	**216.8**	**274.3**	**323.5**
Capital expenditures	38.0	62.0	80.3	123.3	134.7	99.9	139.0	169.9	195.9	223.4
Increase in financial assets	2.7	20.2	15.6	62.3	44.4	33.2	44.3	46.9	78.3	100.1
Discrepancy (sources less uses)	**7.0**	**9.0**	**8.5**	**14.4**	**12.2**	**16.9**	**26.4**	**25.5**	**21.4**	**18.5**

– Represents zero. [1] Inventory valuation and capital consumption adjustment. [2] Net increases in liability. [3] Maturity split on debt is approximate. Corporate bonds, multi-family and commercial mortgages, and 40 percent of bank loans. [4] Sixty percent of bank loans, commercial paper, acceptances, finance company loans, and Government loans. [5] Consists of tax liabilities, trade debt, and miscellaneous liabilities.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978*, and quarterly 1979 issues.

No. 946. Gross Domestic Product (GDP) of Corporate Business: 1960 to 1979

[**In billions of dollars, except percent.** For explanation of GDP, see text, p. 435. Excludes gross product originating in the rest of the world. Capital consumption allowances include capital consumption adjustment. Minus sign (−) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series V 141–166, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Gross domestic product (GDP)	**291.0**	**409.8**	**592.4**	**789.5**	**848.6**	**918.7**	**1,039.5**	**1,164.5**	**1,311.9**	**1,458.1**
GDP, financial corp. business [1]	13.7	17.7	31.8	37.5	39.8	44.6	51.4	58.1	65.0	70.4
GDP, nonfinancial corp. business	277.3	392.1	560.6	752.0	808.8	874.1	988.0	1,106.3	1,246.9	1,387.7
Capital consumption allowances	27.5	33.7	55.1	71.9	84.6	101.3	111.6	121.3	132.9	147.7
Indirect business taxes [2]	29.9	43.9	66.4	87.0	92.6	100.4	108.4	117.2	127.6	137.7
Domestic income	233.6	332.3	470.9	630.6	671.4	717.1	819.4	925.9	1,051.3	1,172.7
CURRENT DOLLARS	NONFINANCIAL CORPORATION BUSINESS									
GDP, total	**277.3**	**392.1**	**560.6**	**752.0**	**808.8**	**874.1**	**988.0**	**1,106.3**	**1,246.9**	**1,387.7**
Avg. annual percent change [3]	4.4	7.2	7.4	10.3	7.6	8.1	13.0	12.0	12.7	11.3
Capital consumption allowances	27.0	32.8	53.1	68.7	80.8	96.8	106.8	116.0	126.9	140.8
Indirect business taxes [2]	28.3	41.1	61.8	80.5	85.7	92.6	99.8	107.8	117.2	126.2
Domestic income	222.0	318.2	445.7	602.8	642.3	684.6	781.5	882.5	1,002.7	1,120.7
Compensation of employees	181.1	246.1	377.1	503.8	552.9	576.9	650.2	732.6	834.7	940.7
Corporate profits [4]	37.4	66.1	51.6	76.0	59.5	76.9	100.9	116.5	128.3	132.9
Profits before tax	39.5	64.4	55.1	92.7	102.9	101.3	130.0	143.5	166.1	190.2
Profits after tax	20.3	37.2	27.9	53.1	60.2	60.7	77.4	83.8	97.4	115.2
Inventory valuation adjustment	.3	−1.9	−5.1	−18.6	−40.4	−12.4	−14.6	−15.2	−25.2	−41.8
Capital consumption adjustment	−2.3	3.6	1.5	1.8	−3.0	−11.9	−14.4	−11.8	−12.6	−15.6
Net interest	3.5	6.1	17.0	23.1	29.9	30.8	30.4	33.4	39.7	47.2
CONSTANT (1972) DOLLARS										
GDP, total	**358.9**	**494.6**	**600.6**	**720.4**	**695.0**	**680.0**	**730.4**	**770.7**	**818.7**	**844.1**
Avg. annual percent change [3]	3.3	6.6	4.0	6.3	−3.5	−2.2	7.4	5.5	6.2	3.1
Capital consumption allowances	36.4	43.4	57.4	65.8	69.4	73.0	75.2	76.9	78.4	80.5
Indirect business taxes [2]	41.8	54.3	65.7	78.7	77.9	78.6	82.9	86.7	90.5	92.5
Domestic income	280.7	397.0	477.5	575.9	547.7	528.4	572.3	607.1	649.7	671.1

[1] Corporations comprising the finance, insurance, and real estate industry. [2] Plus transfer payments less subsidies. [3] Change from prior year shown; for 1960, change from 1959. [4] With inventory valuation and capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues and April 1980 issue.

No. 947. Active Corporations—Assets and Liabilities: 1960 to 1976

[**In billions of dollars.** See headnote, table 461. For number of income tax returns, see table 948. See also *Historical Statistics, Colonial Times to 1970*, series V 108–127]

ASSETS AND LIABILITIES	1960	1965	1970	1971	1972	1973	1974	1975	1976
Assets [1]	**1,207**	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**
Cash	97	117	177	196	228	259	281	290	315
Notes and accounts receivable [2]	242	392	595	650	762	891	998	1,021	1,137
Inventories	91	126	190	199	224	263	312	318	351
Investments, government obligations	135	157	197	223	240	250	256	316	357
Mortgage and real estate loans	129	([3])	328	366	418	463	508	548	599
Other investments	179	465	406	461	514	556	578	636	711
Capital assets [4]	293	395	600	634	685	750	831	892	969
Liabilities	**1,207**	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**
Notes and accounts payable [5]	112	174	320	334	386	461	539	536	579
Other current liabilities	365	583	892	1,005	1,163	1,316	1,459	1,577	1,791
Bonded debt and mortgages [6]	154	210	363	403	445	493	542	587	638
Other liabilities	167	220	308	339	376	421	460	490	506
Capital stock	140	161	201	210	221	228	240	252	269
Surplus and undivided profits [7] (net)	269	375	551	599	666	730	776	843	938

[1] Includes assets, not shown separately. [2] Less allowance for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans. [3] Included in "Other investments." [4] Less depreciation, amortization, and depletion reserves. Includes land and intangible assets. [5] Includes bonds, notes, and mortgages payable with maturity of less than 1 year. [6] With maturity of 1 year or more. [7] Beginning 1970, reduced by cost of treasury stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 948. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS: 1960 TO 1977

[**In billions of dollars, except number of returns.** Federal returns and active corporations only. See headnote, table 461. See also *Historical Statistics, Colonial Times to 1970*, Series V 129-136]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977, prel.
Number of returns (1,000)	1,140	1,424	1,666	1,813	1,905	1,966	2,024	2,082	2,241
Returns with—									
Assets, end of year (1,000)	1,095	1,380	1,619	1,759	1,844	1,903	1,952	2,017	2,144
Net income (1,000)	670	915	1,008	1,140	1,203	1,208	1,226	1,274	1,431
Income tax less credits [1] (1,000)	(NA)	(NA)	735	772	752	803	733	749	781
Total receipts	849.1	1,194.6	1,750.8	2,171.2	2,557.7	3,089.7	3,198.6	3,635.5	4,102.9
Business receipts	802.8	1,120.4	1,620.9	2,007.3	2,361.4	2,854.8	2,961.7	3,370.4	3,827.5
Interest [2]	23.6	37.2	71.6	86.3	113.3	143.0	143.3	156.0	178.7
Capital gain, net [3]	3.1	5.3	5.5	9.1	9.1	8.2	8.4	9.7	11.6
Net gain, noncapital assets	1.9	2.9	5.3	8.5	7.7	7.0	7.8	8.9	10.6
Dividends received [4]	4.2	6.7	8.7	11.1	14.8	21.2	14.3	19.5	22.1
Receipts not specified	13.6	22.0	38.8	48.9	51.4	55.5	63.1	71.0	52.4
Total deductions	804.6	1,119.9	1,682.8	2,071.7	2,435.0	2,941.5	3,052.7	3,448.9	3,883.4
Cost of sales and operations	577.0	793.0	1,146.3	1,412.5	1,682.5	2,068.1	2,129.9	2,416.6	2,704.5
Interest paid	14.6	26.4	62.1	72.9	99.6	132.9	129.3	135.1	152.9
Depreciation, depletion [5]	26.9	39.2	59.3	71.6	80.6	98.4	92.4	100.3	113.0
Employee benefits, pension, stock bonus, etc.	7.2	11.4	19.6	27.3	31.9	36.6	42.2	50.6	59.9
Deductions not specified	178.8	249.9	395.5	487.5	540.5	605.5	658.9	746.3	853.1
Receipts less deductions	44.5	74.7	67.9	99.5	122.6	148.2	146.0	186.6	219.6
Net income less deficit	43.5	73.9	65.9	96.8	120.4	146.0	142.6	185.4	218.9
Income tax [6]	21.9	31.7	33.3	42.9	52.4	66.1	66.1	83.2	96.4
Income tax less credits [1]	20.6	27.3	27.9	39.5	39.1	41.1	39.7	49.8	56.7
Distributions to stockholders [7]	17.2	26.0	32.0	36.0	41.8	49.3	45.2	54.6	61.5

NA Not available. [1] Credits includes foreign tax, investment, work incentive (WIN) (beginning 1972); U.S. possessions tax (beginning 1976); and new jobs credits (beginning 1977). [2] Includes interest on Government obligations and other interest. [3] Net long-term capital gain reduced by *net short-term capital loss*. [4] Includes foreign. [5] Includes amortization. [6] Income tax is before deductions for credit; see footnote 1. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; 1970-1976 includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior year work incentive (WIN) credit. [7] Other than own stock.

Source: U.S. Internal Revenue Service, Statistics of Income, Corporation Income Tax Returns, annual.

NO. 949. ACTIVE CORPORATIONS, BY ASSET SIZE: 1960 TO 1977

[Figures are *estimates based on samples* of active corporations filing income tax returns; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series V 42, for total active corporations]

ASSET SIZE-CLASS	NUMBER OF ACTIVE CORPORATIONS (1,000)						TOTAL ASSETS (bil. dol.)					
	1960	1965	1970	1975	1976	1977 prel.	1960	1965	1970	1975	1976	1977, prel.
Total	**1,140.6**	**1,424.0**	**1,665.5**	**2,023.6**	**2,082.2**	**2,241.3**	**1,207**	**1,724**	**2,635**	**4,287**	**4,721**	**5,349**
Under $100,000	[1]684.6	[1]846.2	[1]961.0	[1]1,882.3	1,195.5	1,274.3	23	28	32	255	38	41
$100,000-$1 mil	389.3	490.7	599.1		733.6	794.5	111	143	178		229	250
$1 mil.-$10 mil	56.3	73.5	87.0	116.4	126.3	143.1	159	206	240	310	332	375
$10 mil.-$25 mil	5.8	7.4	9.8	12.2	13.0	13.9	89	115	153	193	205	221
$25 mil.-$50 mil	2.1	2.9	3.9	5.6	6.0	6.8	73	99	135	195	210	236
$50 mil.-$100 mil	1.1	1.5	2.1	3.1	3.4	3.9	80	104	145	213	238	271
$100 mil.-$250 mil	.8	1.1	1.4	2.1	2.3	2.6	119	165	222	331	364	392
$250 mil. and over	.6	.8	1.2	1.9	2.1	2.2	552	862	1,530	2,790	3,105	3,563
	PERCENT DISTRIBUTION											
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $100,000	[1]60.0	[1]59.4	[1]57.7	[1]93.0	57.4	56.9	1.9	1.6	1.2	5.9	.8	.8
$100,000-$1 mil	34.1	34.5	36.0		35.2	35.4	9.2	8.3	6.8		4.9	4.7
$1 mil.-$10 mil	4.9	5.2	5.2	5.8	6.1	6.4	13.2	12.0	9.1	7.2	7.0	7.0
$10 mil.-$25 mil	.5	.5	.6	.6	.6	.6	7.4	6.7	5.8	4.5	4.3	4.1
$25 mil.-$50 mil	.2	.2	.2	.3	.3	.3	6.0	5.7	5.1	4.5	4.5	4.4
$50 mil.-$100 mil	.1	.1	.1	.2	.2	.2	6.6	6.1	5.5	5.0	5.0	5.1
$100 mil.-$250 mil	.1	.1	.1	.1	.1	.1	9.9	9.6	8.4	7.7	7.7	7.3
$250 mil. and over	.1	.1	.1	.1	.1	.1	45.8	50.0	58.1	65.1	65.8	66.6

[1] Includes returns with zero assets.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual, and *Preliminary Report, Statistics of Income, 1977, Corporation Income Tax Returns.*

No. 950. Active Corporations—Income Tax Returns, by Asset Size and Industry: 1976

[In billions of dollars, except as indicated. See headnote and footnotes, table 461. See also *Historical Statistics, Colonial Times to 1970,* series V 167-183 and V 193-196]

Industry and item	Total	Asset size-class					
		Under 10 mil. dol. [1]	10-24.9 mil. dol.	25-49.9 mil. dol.	50-99.9 mil. dol.	100-249.9 mil. dol.	250 mil. dol. and over
All industrial divisions: [2]							
Number of returns	2,082,200	2,055,467	12,909	6,011	3,421	2,342	2,050
Total assets or liabilities	4,720.9	599.2	204.7	210.6	237.6	363.8	3,105.0
Total receipts	3,635.5	1,271.0	176.4	136.6	145.6	227.0	1,678.9
Total deductions [3]	3,448.9	1,239.5	168.4	129.4	138.7	215.0	1,557.9
Cost of sales and operations	2,416.6	895.6	124.3	91.1	97.7	148.4	1,059.4
Interest and taxes paid	228.0	46.9	9.6	10.0	11.2	16.7	133.6
Depreciation and amortization	94.6	23.3	3.5	2.6	3.0	5.1	57.1
Depletion	5.6	.5	.2	.2	.2	.4	4.3
Net income less deficit [4]	185.4	31.3	7.6	6.8	6.6	11.4	121.8
Income tax [5]	83.3	12.8	3.5	3.0	2.9	5.3	55.8
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities	100.0	12.7	4.3	4.5	5.0	7.7	65.8
Total receipts	100.0	35.0	4.9	3.8	4.0	6.2	46.2
Total deductions	100.0	35.9	4.9	3.8	4.0	6.2	45.2
Cost of sales and operations	100.0	37.1	5.1	3.8	4.0	6.1	43.8
Interest and taxes paid	100.0	20.6	4.2	4.4	4.9	7.3	58.6
Depreciation and amortization	100.0	24.6	3.7	2.7	3.2	5.4	60.4
Depletion	100.0	8.9	3.6	3.6	3.6	7.1	76.8
Net income less deficit [4]	100.0	16.9	4.1	3.7	3.5	6.1	65.7
Income tax [5]	100.0	15.4	4.2	3.6	3.5	6.4	67.0
Agriculture, forestry, and fishing:							
Number of returns	60,289	60,171	87	14	9	6	2
Total assets or liabilities	23.8	19.3	1.3	.5	.6	1.0	1.2
Total receipts	32.4	25.5	1.7	.9	.6	1.3	2.4
Mining:							
Number of returns	15,606	15,150	241	78	55	42	40
Total assets or liabilities	76.7	9.1	3.8	2.8	4.0	6.5	50.6
Total receipts	84.3	11.2	3.3	2.2	2.6	4.3	60.7
Construction:							
Number of returns	195,933	195,251	462	130	46	26	18
Total assets or liabilities	80.8	52.9	7.0	4.5	3.2	3.9	9.4
Total receipts	154.1	117.8	10.0	5.3	3.3	6.0	11.7
Manufacturing:							
Number of returns	212,333	207,719	2,328	871	515	418	482
Total assets or liabilities	1,034.6	109.9	35.9	30.5	36.1	65.5	756.8
Total receipts	1,462.7	256.1	64.1	49.0	54.7	91.8	946.9
Transportation and public utilities:							
Number of returns	81,373	80,451	366	147	91	101	217
Total assets or liabilities	486.2	23.0	5.7	5.3	6.3	16.3	429.5
Total receipts	282.8	43.2	6.8	5.9	6.7	12.0	208.1
Wholesale and retail trade:							
Number of returns	635,540	632,866	1,637	508	279	155	95
Total assets or liabilities	368.8	191.6	24.7	17.7	19.7	24.8	90.2
Total receipts	1,113.9	660.6	69.0	50.5	53.5	75.5	204.9
Finance, insurance, real estate: [6]							
Number of returns	411,984	395,525	7,292	4,107	2,342	1,554	1,164
Total assets or liabilities	2,549.8	135.5	118.8	143.9	162.2	239.7	1,749.6
Total receipts	353.8	43.7	14.1	16.3	18.1	29.5	232.0
Services:							
Number of returns	466,317	465,517	489	155	84	40	32
Total assets or liabilities	99.5	57.2	7.3	5.3	5.6	6.1	17.8
Total receipts	150.2	111.7	7.2	6.4	6.1	6.6	12.1

[1] Includes returns of corporations with zero assets. [2] Includes data not shown separately. [3] For deductions detail, see table 948. [4] Excludes wholly tax-exempt interest but includes income from related foreign corporations considered received for tax purposes only. [5] Income tax before deductions for foreign tax, investment, work incentive (WIN), and U.S. possessions tax credits. Includes additional tax for tax preferences, taxes from recomputing prior year investment and work incentive (WIN) credits. [6] Includes lessors of real property.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1976, Corporation Income Tax Returns,* annual.

NO. 951. NONFINANCIAL CORPORATE BUSINESS-SECTOR BALANCE SHEET: 1960 TO 1979

[In billions of dollars. Represents year-end outstandings]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total assets	630	825	1,241	1,692	1,911	2,070	2,260	2,480	2,803	3,214
Tangible assets	449	567	872	1,166	1,394	1,513	1,650	1,815	2,046	2,344
Reproducible	368	469	756	1,023	1,230	1,336	1,455	1,602	1,805	2,072
Land	81	98	116	144	164	177	194	213	241	272
Financial assets	182	259	370	526	517	558	610	665	757	870
Liquid assets	51	63	69	101	105	125	139	141	151	171
Demand deposits and currency	28	33	44	46	48	54	55	56	62	69
Time deposits	3	9	5	17	20	22	24	29	31	36
Consumer credit	11	15	17	22	22	22	24	25	27	30
Trade credit	81	119	189	267	244	250	270	301	356	422
Misc. assets	38	62	94	137	145	160	178	198	223	247
Total liabilities	239	351	563	793	816	852	926	1,027	1,173	1,356
Credit market instruments	154	223	376	522	600	629	679	756	846	959
Profit taxes payable	14	20	11	16	17	14	22	20	24	27
Trade debt	64	98	162	235	174	180	194	216	262	324
Misc. liabilities	7	9	13	21	25	28	31	35	41	47

Source: Board of Governors of the Federal Reserve System, *Balance Sheet For U.S. Economy*, internal record.

NO. 952. WORKING CAPITAL OF NONFINANCIAL CORPORATIONS: 1971 TO 1979

[*In billions of dollars, except ratios.* As of **December 31.** Covers all nonfinancial U.S. corporations]

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979
Current assets	529.6	599.3	697.8	734.6	756.3	823.1	900.9	1,028.1	1,199.9
Cash on hand and in banks [1]	53.3	59.0	66.3	73.0	80.0	86.8	94.3	103.7	116.2
U.S. Government securities	11.0	10.6	12.8	11.3	19.6	26.0	18.7	17.8	17.8
Receivables, total [2]	221.1	248.2	288.5	265.5	272.1	292.4	325.0	381.9	451.7
Inventories	200.4	225.7	263.9	318.9	314.7	341.4	375.6	428.3	503.9
Other current assets	43.8	55.8	66.4	65.9	69.9	76.4	87.3	96.3	110.3
Current liabilities	326.0	375.6	450.9	451.8	446.9	487.5	546.8	661.9	803.7
Payables	220.5	262.9	340.3	272.3	261.2	273.2	313.7	375.1	460.8
Other current liabilities	105.5	92.7	110.7	179.5	185.7	214.2	233.1	286.8	342.8
Net working capital	203.6	223.7	246.9	282.8	309.5	335.6	354.1	366.2	396.3

[1] Includes time certificates of deposits. [2] Includes U.S. Government receivables.

Source: U.S. Federal Trade Commission. In Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin.*

NO. 953. LARGEST MANUFACTURING CORPORATIONS—PERCENT SHARE OF ASSETS HELD: 1950 TO 1979

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years. See footnote 2, table 966]

CORPORATION RANK GROUP	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
100 largest	39.7	44.3	46.4	46.5	48.5	48.9	47.6	44.7	44.4	45.0	45.4	45.9	45.5	46.1
200 largest	47.7	53.1	56.3	56.7	60.4	61.0	60.0	56.9	56.7	57.5	58.0	58.5	58.3	59.0

Source: U.S. Federal Trade Commission, unpublished data.

NO. 954. LARGEST MANUFACTURING COMPANIES—PERCENT SHARE OF TOTAL VALUE ADDED BY MANUFACTURE: 1947 TO 1976

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series P 177-180]

COMPANY RANK	1947	1954	1958	1962	1963	1966	1967	1970	1972	1976
Largest 50 companies	17	23	23	24	25	25	25	24	25	24
Largest 100 companies	23	30	30	32	33	33	33	33	33	34
Largest 150 companies	27	34	35	36	37	38	38	38	39	40
Largest 200 companies	30	37	38	40	41	42	42	43	43	44

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, 1976,* M76(AS)-9.

NO. 955. MANUFACTURING CORPORATION ASSETS AND PROFITS, BY ASSET SIZE: 1970 TO 1979

[Corporations and assets as of **end of 4th quarter**; profit for **entire year.** Corporations under $10 million based on sample; $10 million and over based on complete canvass. For further detail regarding methodology, see source for fourth quarter, 1979]

YEAR AND ITEM	Unit	Total	ASSET-SIZE CLASS						
			Under $10 mil.	$10-$25 mil.	$25-$50 mil.	$50-$100 mil.	$100-$250 mil.	$250 mil.-$1 bil.	$1 bil. and over
1970 [1]									
Corporations	Number	197,807	[2] 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Percent	Percent	100.0	12.0	3.5	3.5	4.5	8.3	19.5	48.8
Net profit, total [3]	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,832
Percent	Percent	100.0	9.8	2.8	2.9	3.9	8.1	20.5	51.9
1975									
Corporations	Number	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Percent	Percent	100.0	12.1	3.9	3.0	3.9	7.7	17.2	52.3
Net profit, total [3]	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
Percent	Percent	100.0	12.6	3.7	2.7	3.4	7.2	16.6	53.7
1978									
Corporations	Number	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Percent	Percent	100.0	10.5	3.5	2.8	3.4	6.2	15.2	58.4
Net profit, total [3]	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,391
Percent	Percent	100.0	11.6	3.1	2.8	3.2	5.8	15.2	58.4
1979									
Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,241,472	124,856	42,007	34,108	40,336	73,172	168,182	758,812
Percent	Percent	100.0	10.1	3.4	2.7	3.2	5.9	13.5	61.1
Net profit, total [3]	Mil. dol	98,735	10,119	2,720	2,347	2,897	5,356	13,443	61,854
Percent	Percent	100.0	10.2	2.8	2.4	2.9	5.4	13.6	62.6

NA Not available. [1] Source: U.S. Securities and Exchange Commission. [2] Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. [3] After taxes.

Source: Except as noted, U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

NO. 956. LARGEST INDUSTRIAL CORPORATIONS AND RETAILING COMPANIES—SALES, BY GROUP RANK: 1960 TO 1979

[Excludes large privately owned companies that do not publish sales. Includes sales of subsidiaries when they are consolidated. **Industrial corporations:** Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than **Dec. 31 of year stated,** except **1978** and **1979,** no later than **January;** excludes excise taxes collected by manufacturer. **Retailing companies:** Includes all operating revenues for fiscal years ending not later than **January** following year stated]

RANK BY SALES GROUP	VOLUME OF SALES (bil. dol.)						PERCENT DISTRIBUTION					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
INDUSTRIAL CORPORATIONS												
First 500 largest	**204.7**	**298.1**	**463.9**	**865.2**	**1,218.7**	**1,445.3**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Lowest hundred	8.5	12.5	19.9	34.8	45.3	49.6	4.1	4.2	4.3	4.0	3.7	3.4
Second hundred	11.7	17.7	28.8	49.0	66.0	73.2	5.7	5.9	6.2	5.7	5.4	5.1
Third hundred	18.5	27.7	43.6	78.5	105.7	122.3	9.0	9.3	9.4	9.1	8.7	8.5
Fourth hundred	32.6	47.2	82.7	141.8	199.5	236.4	15.9	15.8	17.8	16.4	16.4	16.4
Highest hundred	133.4	193.0	288.9	561.1	802.5	963.7	65.2	64.7	62.3	64.9	65.8	66.7
Second 500 largest	**15.7**	(NA)	**48.3**	**82.6**	**103.1**	**109.9**	(X)	(X)	(X)	(X)	(X)	(X)
RETAILING COMPANIES												
50 largest	[1] **35.7**	[1] **49.0**	**73.6**	**121.7**	**161.9**	**175.6**	[1] **100.0**	[1] **100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Lowest ten	2.2	3.3	4.4	7.5	9.2	10.2	6.2	6.7	5.9	6.2	5.7	5.8
Second ten	2.8	4.4	6.8	10.4	13.3	14.8	7.9	9.2	9.3	8.6	8.2	8.5
Third ten	4.1	6.1	9.0	14.1	18.9	20.9	11.5	12.4	12.3	11.6	11.7	11.9
Fourth ten	6.4	9.0	13.9	23.4	30.9	34.1	18.0	18.3	18.9	19.2	19.1	19.4
Highest ten	20.1	26.2	39.4	66.2	89.5	95.5	56.4	53.5	53.6	54.4	55.3	54.4

NA Not available. X Not applicable. [1] Includes wholesalers.

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory,* May, June, and July issues. (Copyright.)

No. 957. Largest Industrial Corporations and Retailing Companies—Assets, Net Income, and Employees, by Rank of Sales: 1965 to 1979

[Assets and net income in billions of dollars, employees in thousands, except percent. See headnote, table 956]

Rank by sales group	Assets [1]				Net income [2]				Employees [3]			
	1965	1970	1975	1979	1965	1970	1975	1979	1965	1970	1975	1979
INDUSTRIAL CORPORATIONS												
First 500 largest	**251.7**	**432.1**	**668.5**	**1,034.7**	**20.1**	**21.7**	**37.8**	**78.4**	**11,279**	**14,608**	**14,413**	**16,195**
Lowest hundred	10.1	16.8	19.8	32.9	.7	.8	−.8	2.5	569	697	471	773
Second hundred	13.9	23.2	35.5	53.3	1.0	1.1	1.6	4.0	789	1,044	993	1,155
Third hundred	22.5	39.0	59.9	93.4	1.6	1.4	3.2	7.3	1,178	1,500	1,570	1,759
Fourth hundred	36.5	74.5	113.7	178.8	2.7	3.8	6.3	13.7	1,809	2,662	2,701	3,366
Highest hundred	169.0	278.6	439.5	676.3	14.1	14.5	27.5	50.8	6,934	8,706	8,679	9,141
Second 500 largest	(NA)	**38.8**	**60.9**	**78.8**	(NA)	**1.5**	**3.3**	**6.1**	(NA)	**1,720**	**1,861**	**1,785**
Percent of total, first 500:												
Lowest hundred	4.0	3.9	3.0	3.2	3.7	3.8	−2.1	3.2	5.0	4.8	3.3	4.8
Second hundred	5.5	5.4	5.3	5.2	5.0	4.9	4.2	5.1	7.0	7.1	6.9	7.1
Third hundred	8.9	9.0	9.0	9.0	7.8	6.6	8.5	9.3	10.4	10.3	10.9	10.9
Fourth hundred	14.4	17.2	17.0	17.2	13.3	17.6	16.7	17.5	16.0	18.2	18.7	20.8
Highest hundred	67.1	64.5	65.7	65.4	70.2	67.1	72.8	64.8	61.5	60.0	60.2	56.4
RETAILING COMPANIES												
50 largest	**19.3**	**31.6**	**50.9**	**76.8**	**1.2**	**1.5**	**2.4**	**3.9**	**1,609**	**2,371**	**2,653**	**3,016**
Lowest ten	1.5	1.5	5.2	2.8	.1	.1	.2	−.2	120	151	197	125
Second ten	1.3	2.5	3.7	5.0	.1	.1	.1	.3	103	211	279	217
Third ten	2.3	4.5	4.7	8.8	.1	.1	.2	.5	180	294	277	375
Fourth ten	3.5	4.8	8.4	13.8	.2	.2	.4	.8	286	366	426	605
Highest ten	10.8	18.2	28.9	46.4	.7	1.0	1.5	2.5	920	1,348	1,474	1,695
Percent of total:												
Lowest ten	8.0	4.8	10.2	3.6	6.0	5.1	8.4	−5.8	7.5	6.4	7.4	4.1
Second ten	6.5	7.9	7.3	6.5	5.7	5.9	6.0	7.3	6.4	8.9	10.5	7.2
Third ten	11.8	14.3	9.2	11.5	9.9	8.4	7.8	12.2	11.2	12.4	10.4	12.4
Fourth ten	18.0	15.3	16.5	18.0	17.9	13.5	15.2	21.2	17.7	15.4	16.1	20.1
Highest ten	55.7	57.7	56.8	60.4	60.5	67.1	62.6	65.1	57.2	56.9	55.6	56.2

NA Not available. [1] Total assets employed in business at end of fiscal year, less depreciation and depletion. [2] After taxes, special charges, and credits. Minus sign (-) indicates net loss. [3] As of year end, or yearly average.

No. 958. 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1970 and 1979

[Figures are medians based on sales rank in 1970 and 1979. See headnote, table 956. For definition of median, see Guide to Tabular Presentation]

Industry	Assets per employee ($1,000)		Sales per employee ($1,000)		Sales per dollar of stockholders' equity (dol.)		Return on stockholders' equity (percent)		Return on sales (percent)	
	1970	1979	1970	1979	1970	1979	1970	1979	1970	1979
Total	**24.1**	**49.5**	**29.5**	**71.6**	**2.36**	**2.97**	**9.5**	**15.9**	**3.9**	**5.2**
Petroleum refining	105.4	266.4	92.6	356.1	1.40	3.43	10.3	19.1	6.9	6.6
Mining, crude oil production	70.9	181.6	46.2	129.3	1.21	1.90	13.8	16.7	12.6	8.7
Broadcasting and motion picture [1]	(NA)	104.0	(NA)	99.6	(NA)	2.91	(NA)	22.2	(NA)	8.3
Tobacco	63.7	80.8	35.9	89.7	1.66	2.38	12.4	18.4	7.5	7.7
Chemicals	37.5	69.0	32.7	84.2	1.73	2.48	8.7	15.2	5.2	6.0
Paper, fiber, and wood products	32.5	67.0	32.7	82.5	1.79	2.46	6.8	15.9	3.9	6.3
Metal manufacturing	35.6	64.3	32.8	89.6	1.58	2.94	5.7	15.6	3.2	4.5
Beverages	(2)	62.4	(2)	92.1	(2)	3.03	(2)	15.7	(2)	5.1
Pharmaceuticals	26.4	61.7	29.2	66.0	1.77	2.01	15.5	18.0	9.3	8.9
Publishing, printing	25.3	51.8	28.8	66.5	1.19	2.27	11.4	17.9	5.3	8.2
Soaps, cosmetics	25.6	46.9	38.5	76.6	2.77	2.83	15.7	17.4	7.1	6.4
Glass, concrete, abrasives, gypsum	24.2	45.9	25.6	64.7	1.80	2.74	7.6	14.0	4.2	4.9
Industrial and farm equipment	22.1	45.1	27.7	59.7	2.27	2.86	9.5	15.4	4.4	5.4
Food	[2] 25.0	44.5	[2] 52.6	100.2	[2] 3.91	4.89	[2] 12.2	14.4	[2] 2.7	3.0
Metal products	19.9	43.5	26.0	58.8	2.72	3.19	10.1	16.0	3.9	5.0
Office equipment (incl. computer)	18.4	43.1	18.7	45.7	1.96	2.30	7.9	15.9	3.3	7.0
Rubber, plastic products	21.6	38.9	24.7	60.1	2.38	3.60	8.4	8.2	2.1	2.8
Motor vehicles	20.7	37.8	27.6	66.1	2.82	3.80	6.0	15.7	2.3	4.1
Transport equipment [3]	23.0	37.5	31.9	74.0	1.69	4.58	9.8	18.1	4.2	4.2
Electronics, appliances	17.9	34.7	24.2	48.0	2.54	3.29	10.2	16.3	3.9	5.2
Musical instruments, toys, sporting goods	(NA)	33.8	(NA)	47.1	(NA)	3.15	(NA)	12.1	(NA)	3.9
Measuring, scientific, photo. equipment	19.1	33.7	25.2	45.4	1.93	2.31	13.1	16.1	7.9	6.9
Aerospace	17.8	32.1	27.5	55.5	3.61	4.11	8.5	19.2	2.3	4.8
Textiles, vinyl flooring	16.3	25.3	20.5	40.5	2.46	3.16	7.0	11.7	2.8	3.8
Apparel	11.5	20.0	18.3	32.9	3.29	3.03	10.9	15.6	3.1	4.4

NA Not available. [1] *Includes distribution.* [2] Beverages included with food. [3] Excludes motor vehicles and aircraft.

Source of tables 957 and 958: Time, Inc., New York, N.Y., *The Fortune Directory,* May and July issues. (Copyright.)

No. 959. Sales by Majority-Owned Foreign Affiliates of U.S. Companies: 1966 to 1976

[**In billions of dollars, except percent.** Universe estimates based on a sample survey covering foreign affiliates with U.S. ownership of at least 50 percent, directly or indirectly held]

Industry and area or country	1966	1968	1970	1972	1974	1975	1976		
							Total sales	Percent— Local sales [1]	Percent— Exports to U.S.
Total [2]	**97.8**	**120.8**	**155.9**	**211.9**	**437.7**	**463.1**	**514.7**	**65**	**7**
Petroleum	27.5	34.0	42.4	58.8	184.9	183.5	205.5	53	8
Manufacturing [2]	47.4	59.6	78.3	107.6	175.7	192.3	212.8	76	7
Food products	5.6	6.2	7.5	10.4	17.0	18.3	20.4	90	2
Chemicals and allied products	7.4	9.8	12.6	17.8	36.2	37.6	43.1	78	1
Primary and fabricated metals	3.9	5.3	7.6	7.6	12.5	12.6	14.4	82	4
Machinery (except electrical)	6.5	8.6	12.3	17.0	27.4	32.2	34.2	66	5
Electrical machinery	4.4	5.1	7.7	10.8	17.4	18.8	18.4	80	5
Transportation equipment	11.2	14.2	16.8	24.4	32.7	38.1	44.8	68	16
Trade	14.1	16.2	21.6	30.1	46.1	52.2	58.0	60	6
Developed countries	71.6	88.0	116.2	158.2	272.2	302.8	337.3	75	6
Canada	23.9	29.8	35.1	45.0	71.4	78.5	89.0	77	17
Europe	40.5	49.1	68.4	95.9	165.8	186.5	206.7	71	2
Communities (9 countries)	34.3	41.2	57.6	80.7	138.5	155.8	171.5	74	2
France	5.3	6.5	8.3	13.1	22.1	26.1	26.7	82	1
Germany	7.7	8.8	14.6	20.5	34.6	38.1	44.3	81	1
United Kingdom	13.4	15.1	18.5	24.5	40.3	45.9	48.6	74	2
Other [3]	8.0	10.7	16.2	22.5	41.6	45.7	51.9	63	2
Other Europe	6.1	7.9	10.9	15.2	27.2	30.7	35.2	60	2
Japan	2.1	2.9	4.2	6.7	16.8	17.8	20.1	94	1
Australia, N. Zealand, So. Africa	5.1	6.2	8.5	10.6	18.2	20.1	21.5	88	1
Developing countries	23.5	29.2	35.1	47.9	148.3	146.6	163.9	43	10
Latin America	14.3	17.4	20.1	23.7	51.6	57.3	60.6	70	11
Africa (excl. So. Africa)	1.9	2.8	3.6	4.5	10.1	10.2	13.2	53	16
Middle East	4.0	4.7	5.8	11.1	64.1	57.4	66.5	13	7
Other Asia and Pacific	3.3	4.3	5.7	8.6	22.5	21.7	23.6	56	13
International and unallocated	2.7	3.6	4.6	5.8	17.2	13.7	13.5	70	8

[1] Local sales represents sales to customers in the country where the affiliate is located. [2] Includes industries not shown separately. [3] Includes Belgium, Denmark, Ireland, Italy, Luxembourg, and the Netherlands.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1978.

No. 960. Foreign-Owned U.S. Firms, by Percent of Foreign Ownership, by Industry, and by Country: 1976

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Country refers to location of the home office of the owning entity]

Item	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
Foreign ownership:				
Total [3]	**657**	**15,122**	**823.1**	**10,301**
Less than 50 percent	102	5,155	201.3	2,430
50–99 percent	121	3,292	202.1	2,551
100 percent	418	6,368	402.9	5,125
Industry:				
Agriculture	21	82	3.5	33
Mining	39	305	27.0	455
Construction	18	54	5.3	78
Manufacturing	351	2,468	430.6	5,736
Transportation, communication, pub. utilities	103	836	24.8	390
Wholesale trade	348	4,573	104.6	1,600
Retail trade	77	4,805	137.2	1,010
Finance, insurance, real estate	101	1,317	54.3	689
Services	114	682	35.8	310

Domicile country	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
All countries	**657**	**15,122**	**[4] 823.1**	**[4] 10,301**
Australia	6	143	3.9	40
Bahamas	6	187	12.1	88
Belgium [5]	18	408	16.3	203
Bermuda	8	269	19.7	248
Canada	126	2,673	130.4	1,639
France	39	816	47.7	659
Germany, Fed. Rep. of	47	1,495	97.1	1,168
Great Britain	115	2,852	205.9	2,375
Hong Kong	7	100	7.7	84
Japan	85	862	47.0	627
Netherlands	30	3,303	105.1	1,469
Neth. Antilles	8	166	5.6	79
Panama	6	128	6.1	87
Sweden	29	274	14.5	212
Switzerland	67	966	86.7	1,088
Other	60	480	16.4	225

[1] For definition, see text, p. 553. [2] For week including March 12. [3] Includes items not shown separately. [4] Total includes data withheld to avoid disclosure not included in breakdown. [5] Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1975–1976.*

No. 961. Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Multinational Companies: 1970 to 1979

[Represents expenditures to acquire, add to, or improve property, plant, equipment. See headnote, table 959]

Industry and area or country	Expenditures (bil. dol.)							Percent of total			
	1970	1974	1975	1976	1977	1978	1979 [1]	1970	1975	1978	1979 [1]
Total	**14.1**	**25.3**	**26.8**	**24.7**	**27.5**	**30.7**	**38.5**	**100.0**	**100.0**	**100.0**	**100.0**
Mining and smelting	1.2	1.1	1.2	.9	.6	.6	.7	8.5	4.5	1.9	1.9
Petroleum	4.0	7.8	8.9	7.9	9.3	10.0	12.0	28.4	33.2	32.7	31.1
Manufacturing	6.5	11.6	11.3	10.9	12.7	14.6	19.2	46.1	42.2	47.6	49.8
Food products	.4	.7	.7	.7	.9	1.0	1.3	2.8	2.6	3.4	3.3
Paper and allied products	.4	.9	.7	.6	.7	.8	1.0	2.8	2.6	2.7	2.6
Chemicals and allied products	1.2	2.1	2.5	2.7	2.4	2.5	3.2	8.5	9.3	8.0	8.4
Rubber products	.2	.4	.4	.3	.3	.3	.3	1.4	1.5	1.0	.7
Primary and fabricated metals	.7	.7	.7	.7	.7	.7	.8	5.0	2.6	2.3	2.1
Machinery (except electrical)	1.6	3.1	2.8	2.7	3.6	4.4	5.5	11.3	10.4	14.3	14.2
Electrical machinery	.6	1.1	.9	.8	1.0	1.1	1.3	4.3	3.4	3.4	3.3
Transportation equipment	1.0	1.6	1.4	1.4	1.8	2.2	3.8	7.1	5.2	7.3	9.8
Other	.5	1.1	1.3	1.1	1.3	1.6	2.1	3.5	4.9	5.2	5.4
Trade	1.0	2.1	2.4	1.6	1.8	2.0	2.4	7.1	9.0	6.5	6.3
Other industries	1.4	2.6	3.1	3.3	3.1	3.5	4.2	9.9	11.6	11.3	10.8
By area of affiliate:											
Developed countries	10.1	17.8	18.8	17.8	20.4	23.3	28.9	71.6	70.1	75.9	75.1
Canada	3.0	5.5	5.0	5.6	6.2	6.2	8.1	21.3	18.7	20.4	21.0
Europe	5.7	10.2	11.7	10.5	12.4	14.5	18.1	40.4	43.7	47.4	47.1
European Communities (9 countries)	5.1	8.8	9.9	8.8	10.7	12.6	15.6	36.2	36.9	40.9	40.4
France	.8	1.5	1.9	1.2	1.5	1.8	1.8	5.7	7.1	5.2	4.8
Germany	1.2	2.3	2.1	1.9	2.0	2.7	3.6	8.5	7.8	8.9	9.4
United Kingdom	1.5	2.7	3.6	3.6	4.7	5.7	6.6	10.6	13.4	18.5	17.1
Other [2]	1.5	2.4	2.3	2.2	2.5	2.6	3.5	10.6	8.6	8.4	9.2
Other Europe	.6	1.4	1.8	1.6	1.7	2.0	2.6	4.3	6.7	6.4	6.7
Japan	.5	.8	.8	.6	.8	1.1	1.3	3.5	3.0	3.7	3.4
Australia, New Zealand, South Africa	.9	1.2	1.2	1.0	1.1	1.4	1.4	6.4	4.5	4.5	3.5
Developing countries	3.3	5.4	6.4	5.1	5.6	6.3	8.1	23.4	23.0	20.5	21.0
Latin America	2.0	2.9	3.1	2.6	2.6	3.1	4.1	14.2	11.6	10.2	10.7
Africa (excl. So. Africa)	.5	.6	.7	.6	.7	.9	1.1	3.5	2.6	2.9	2.8
Middle East	.2	.8	1.3	1.1	1.4	1.1	1.1	1.4	4.9	3.6	3.0
Other Asia and Pacific	.6	1.1	1.3	.8	.8	1.2	1.7	4.3	4.9	3.9	4.5
International and unallocated	.7	2.0	1.7	1.8	1.5	1.1	1.5	5.0	6.3	3.7	4.0

[1] Projection based on survey of Dec. 1979. [2] See footnote 3, table 959.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* March issues.

No. 962. Patents and Trademarks: 1956 to 1979

[Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 1010. See also *Historical Statistics, Colonial Times to 1970,* series W 96-108]

Item	1956-1960	1961-1965	1966-1970	1971-1975	1976-1979	1975	1976	1977	1978	1979
Patent applications filed	**410,389**	**463,193**	**504,613**	**541,415**	**437,144**	**107,950**	**109,989**	**108,992**	**109,308**	**108,855**
Inventions	384,782	436,082	476,239	510,409	404,685	101,014	102,344	100,931	100,916	100,494
Designs	23,865	25,251	26,260	28,575	29,376	6,292	7,061	7,258	7,538	7,519
Botanical plants	584	628	584	688	753	150	175	188	194	196
Reissues	1,158	1,232	1,530	1,743	2,330	494	409	615	660	646
Patents issued	**251,872**	**275,443**	**342,889**	**396,668**	**268,106**	**76,804**	**75,400**	**69,781**	**70,514**	**52,411**
Inventions	237,469	259,971	325,144	375,532	250,460	71,994	70,236	65,269	66,102	48,853
Individuals	76,589	69,945	73,379	87,032	51,693	17,192	14,084	14,027	14,259	9,323
Corporations:										
U.S	133,948	152,537	190,616	192,911	121,060	34,577	34,391	31,531	31,309	23,829
Foreign [1]	21,043	30,992	52,771	86,005	72,235	18,344	19,934	18,220	19,286	14,795
U.S. Government	5,889	6,497	8,378	9,584	5,472	1,881	1,827	1,491	1,248	906
Designs	13,024	13,862	16,254	18,675	15,473	4,282	4,564	3,929	3,862	3,118
Botanical plants	567	576	426	813	666	150	176	173	186	131
Reissues	812	1,034	1,065	1,648	1,507	378	424	410	364	309
Published applications [2]	-	-	586	807	404	121	133	105	85	81
Foreign country residents [3]	36,513	48,322	75,986	119,282	93,331	25,391	26,074	23,886	25,123	18,248
Certificates of trademarks issued	**108,246**	**106,635**	**128,465**	**158,305**	**125,974**	**37,063**	**33,080**	**31,918**	**35,084**	**25,892**
Trademarks	90,727	91,946	104,181	129,413	102,299	30,931	26,326	25,858	29,630	20,485
Trademark renewals	17,519	14,689	24,284	28,892	23,675	6,132	6,754	6,060	5,454	5,407

- *Represents zero.* [1] Includes patents to foreign governments. [2] Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968. [3] Includes patent inventions and a small number of patents for designs and botanical plants.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks Annual Report.*

No. 963. Corporate Profits, Taxes, and Dividends: 1960 to 1979

[**In billions of dollars.** Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends and branch profits from abroad are added]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Profits before taxes	48.5	75.2	71.5	96.2	115.8	126.9	120.4	156.0	177.1	206.0	236.6
Less: Income tax liability [1]	22.7	30.9	34.5	41.5	48.7	52.4	49.8	63.8	72.6	84.5	92.5
Equals: Profits after taxes	25.8	44.3	37.0	54.6	67.1	74.5	70.6	92.2	104.5	121.5	144.1
Less: Net dividends [2]	12.9	19.1	22.9	24.6	27.8	31.0	31.9	37.5	42.1	47.2	52.7
Equals: Undistributed profits	13.0	25.2	14.1	30.0	39.3	43.6	38.7	54.7	62.4	74.3	91.4
Capital consumption allowances [3]	25.3	37.4	56.6	67.9	73.7	81.6	89.2	97.1	109.3	119.8	131.0
Profits after tax plus capital consumption allowances	51.1	81.7	93.6	122.5	140.8	156.1	159.8	189.3	213.8	241.3	275.1

[1] Federal and State. [2] Disbursements to U.S. residents, measured after eliminations of intercorporate dividends. [3] Without capital consumption adjustment. Includes depreciation and accidental damages.

No. 964. Corporate Profits Before Taxes: 1960 to 1979

[**In billions of dollars.** Profit figures are with inventory valuation adjustment and without capital consumption adjustment]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	**48.9**	**73.3**	**66.4**	**89.6**	**97.2**	**86.5**	**107.9**	**141.3**	**162.0**	**180.8**	**194.9**
Domestic industries	47.0	70.1	62.6	84.7	90.4	76.9	101.8	133.1	152.1	170.6	181.6
Financial	7.2	7.5	12.6	15.4	16.2	14.4	13.0	17.8	23.8	29.7	33.2
Nonfinancial	39.8	62.5	50.1	69.3	74.1	62.5	88.9	115.3	128.3	140.9	148.5
Manufacturing	23.9	38.3	27.1	40.6	44.1	36.6	48.3	65.7	73.5	81.7	88.8
Wholesale and retail trade	4.9	7.9	9.4	13.3	14.7	12.9	20.7	23.3	24.1	23.0	23.7
Other	10.9	16.3	13.5	15.4	15.3	13.0	19.9	26.2	30.7	36.3	36.0
Rest of the world	1.9	3.3	3.8	4.8	6.8	9.6	6.1	8.2	9.8	10.2	13.2

Source of tables 963 and 964: U.S. Council of Economic Advisers, *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis.

No. 965. Corporate Profits, by Industry: 1960 to 1979

[**In billions of dollars.** Profits are without inventory valuation and capital consumption adjustments. Minus sign (−) denotes loss. See headnote, table 963]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance, real estate [1]	Communication [2]	Construction [1]	Services	Transportation	Mining	Agriculture [3]	Rest of the world
BEFORE TAXES											
1960	48.5	23.7	4.9	8.3	6.5	.6	.8	.9	.8	.1	1.9
1965	75.2	39.4	8.6	8.9	8.9	1.5	1.5	2.2	.9	.2	3.3
1970	71.5	29.7	11.3	13.7	8.5	1.9	1.6	.1	.9	.1	3.8
1973	115.8	54.2	21.4	16.7	7.8	2.1	3.1	1.2	1.5	.8	6.8
1974	126.9	58.9	25.3	14.9	6.7	2.3	2.9	2.0	3.8	.4	9.6
1975	120.4	54.4	25.4	13.5	9.0	2.7	4.0	.8	3.8	.7	6.1
1976	156.0	72.5	28.3	19.4	12.6	3.0	5.3	2.7	3.5	.5	8.2
1977	177.1	79.9	29.5	26.2	15.2	3.3	6.3	3.3	3.3	.4	9.8
1978	206.0	92.9	33.8	33.0	16.8	3.1	7.8	4.5	3.5	.4	10.2
1979	236.6	107.1	39.0	36.5	18.0	3.1	8.7	5.4	5.0	.6	13.2
AFTER TAXES											
1960	25.8	12.4	2.5	4.2	3.2	.2	.4	.3	.7	(z)	1.9
1965	44.3	22.5	5.3	4.5	4.9	1.0	.8	1.3	.6	.1	3.3
1970	37.0	14.8	6.5	5.7	4.4	1.1	.6	−.3	.6	(z)	3.8
1973	67.1	30.2	13.9	6.6	4.6	1.1	1.9	.4	1.1	.5	6.8
1974	74.5	33.6	16.8	4.4	3.8	1.3	1.6	.9	2.6	(z)	9.6
1975	70.6	29.9	17.2	3.5	6.6	1.6	2.6	(z)	2.6	.4	6.1
1976	92.2	39.4	18.9	6.9	9.1	1.7	3.6	1.6	2.4	.3	8.2
1977	104.5	42.5	19.3	11.6	10.9	1.8	4.2	2.1	2.1	.1	9.8
1978	121.5	50.0	21.9	15.1	11.9	1.7	5.3	2.9	2.3	.1	10.2

Z Less than $50 million. [1] Company basis, based on the 1972 Standard Industrial Classification (SIC); see text, p. 392. [2] Includes public utilities. [3] Includes forestry and fisheries.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues and April 1980.

NO. 966. MANUFACTURING CORPORATIONS—SALES, PROFITS, STOCKHOLDERS' EQUITY AND DEBT: 1960 TO 1979

[**In billions of dollars.** Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970,* series P 93–106]

YEAR	ALL MANUFACTURING CORPS.					DURABLE GOODS INDUSTRIES					NONDURABLE GOODS INDUSTRIES				
	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]
		Before taxes	After taxes				Before taxes	After taxes				Before taxes	After taxes		
1960	346	27.5	15.2	165	40.5	174	14.0	7.0	82	20.5	172	13.5	8.2	83	20.0
1965	492	46.5	27.5	212	57.9	257	26.2	14.5	105	28.4	235	20.3	13.0	106	29.5
1970	709	48.1	28.6	307	133.9	363	23.0	12.9	155	70.7	346	25.2	15.7	152	63.2
1972	850	63.2	36.5	343	149.0	436	33.6	18.4	171	77.0	414	29.6	18.0	172	72.0
1973	1,017	81.4	48.1	374	164.3	527	43.6	24.8	189	86.1	490	37.8	23.3	185	78.2
1974	*1,061*	*92.1*	*58.7*	*395*	*167.4*	*529*	*41.1*	*24.7*	*196*	*87.1*	*532*	*51.0*	*34.1*	*199*	*80.3*
1975	1,065	79.9	49.1	423	183.2	521	35.3	21.4	208	94.4	544	44.6	27.7	215	88.8
1976	1,203	104.9	64.5	463	187.8	590	50.7	30.8	224	91.1	614	54.3	33.7	238	96.7
1977	1,328	115.1	70.4	497	200.4	657	57.9	34.8	240	94.8	671	57.2	35.5	257	105.6
1978	1,496	132.5	81.2	541	222.4	761	69.6	41.8	263	105.8	736	63.0	39.4	278	116.6
1979	1,741	154.3	98.7	600	251.5	869	72.6	45.3	293	123.1	873	81.7	53.4	307	128.4

[1] Annual data are average equity or debt for the year (using four end-of-quarter figures).

NO. 967. MANUFACTURING CORPORATIONS—PROFITS, STOCKHOLDERS' EQUITY, SALES, AND DEBT RATIOS: 1970 TO 1979

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. See headnote, table 966]

INDUSTRY GROUP	RATIOS OF PROFITS TO STOCKHOLDERS' EQUITY (percent)				PROFITS PER DOLLAR OF SALES (cents)				RATIO OF STOCKHOLDERS' EQUITY TO DEBT			
	1970	1975	1978	1979	1970	1975	1978	1979	1970	1975	1978	1979
All manufacturing corporations [1]	**9.3**	**11.6**	**15.0**	**16.5**	**4.0**	**4.6**	**5.4**	**5.7**	**2.3**	**2.3**	**2.4**	**2.4**
Durable goods industries	8.3	10.3	15.9	15.5	3.5	4.1	5.5	5.2	2.2	2.2	2.5	2.4
Stone, clay, and glass products	6.9	8.3	16.6	15.1	3.6	3.4	6.1	5.5	2.4	2.1	2.2	2.0
Primary metal industries	7.0	8.6	9.3	12.2	4.1	4.4	3.4	4.0	2.0	2.2	1.7	1.7
Iron and steel	4.3	10.9	8.9	8.8	2.5	5.0	3.0	2.7	2.2	2.4	1.7	1.7
Nonferrous metals	10.6	5.0	10.0	17.6	6.2	3.1	4.3	6.5	1.8	1.8	1.5	1.6
Fabricated metal prod	8.5	13.2	16.0	16.5	3.0	4.2	4.7	4.7	2.1	2.0	2.3	2.1
Machinery, exc. electrical	9.8	13.7	17.6	16.8	4.6	6.4	7.7	7.0	2.2	2.4	2.7	2.5
Electrical and electronic equipment	9.1	9.0	16.7	17.5	3.3	3.2	5.7	5.6	1.9	2.2	2.9	2.6
Transportation equip	6.3	7.5	16.5	13.1	2.3	2.4	4.7	3.8	2.8	2.4	3.8	3.6
Motor vehicles and equip	6.1	6.2	16.9	10.9	2.6	2.2	4.9	3.2	4.7	3.6	5.6	5.1
Aircraft, guided missiles and parts	6.8	11.0	15.6	18.8	2.0	2.9	4.3	5.1	1.3	1.6	2.9	3.1
Instruments and related products	14.3	13.5	17.9	16.8	7.3	7.6	9.3	8.7	3.2	3.3	3.9	3.9
Nondurable goods industries	10.3	12.8	14.2	17.4	4.5	5.1	5.4	6.1	2.4	2.4	2.4	2.4
Food and kindred products	10.8	14.4	13.8	14.7	2.5	3.2	3.2	3.3	1.9	1.7	1.9	1.8
Tobacco manufactures	15.7	15.9	18.1	19.2	5.8	9.2	10.1	11.5	1.4	1.5	1.7	1.7
Textile mill products	5.1	4.2	11.5	11.9	1.9	1.2	3.1	3.2	2.1	1.9	2.1	2.2
Paper and allied products	7.0	12.6	12.9	16.8	3.4	5.6	5.3	6.7	1.8	1.8	1.9	1.9
Printing and publishing	11.2	12.8	18.4	18.0	4.2	4.6	6.1	6.1	2.7	2.7	2.4	2.3
Chemicals and allied products	11.4	15.2	15.6	16.9	5.9	7.6	7.3	7.6	2.5	2.3	2.2	2.2
Industrial	8.5	13.2	14.5	15.3	5.0	6.9	6.8	6.7	2.1	2.0	1.9	1.9
Drugs	17.6	17.8	19.1	19.5	9.4	12.2	12.8	13.3	4.3	3.4	3.3	3.3
Petroleum and coal products	11.0	12.5	13.3	20.5	9.3	7.6	7.1	9.0	3.6	4.4	3.5	3.7
Rubber and misc. plastics products	7.1	8.0	10.1	10.6	2.7	3.0	3.2	3.1	1.5	1.8	1.8	1.8

[1] Includes other industries not shown separately.

Source of tables 966 and 967: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 968. Mergers and Acquisitions—Manufacturing and Mining Concerns Acquired: 1925 to 1978

[Prior to 1972, totals limited to actions reported by Moody's Investors Service, Inc., and Standard & Poor's Corporation. Included are partial acquisitions when they comprise whole divisions or subsidiaries of other companies. See also *Historical Statistics, Colonial Times to 1970*, series V 38]

Period	Concerns acquired, aggregate for period	Year	All concerns acquired, total	Large concerns (assets of $10 million or more) acquired [1]					
				Number of mergers			Assets acquired (mil. dol.)		
				Total	Horizontal and vertical	Conglomerate	Total	Horizontal and vertical	Conglomerate
1925-1929	4,583	1960	844	51	14	37	1,535	453	1,082
1930-1934	1,687	1965	1,008	64	16	48	3,254	573	2,681
1935-1939	577	1970	1,351	91	12	79	5,904	1,174	4,730
1940-1944	906	1971	1,011	59	8	51	2,460	578	1,882
1945-1949	1,505	1972	911	60	24	36	1,885	773	1,112
1950-1954	1,424	1973	874	64	25	39	3,149	1,093	2,056
1955-1959	3,365	1974	602	62	24	38	4,466	1,417	3,049
1960-1964	4,366	1975	439	59	7	52	4,950	267	4,683
1965-1969	8,213	1976	559	81	18	63	6,279	1,031	5,248
1970-1974	4,749	1977	590	99	30	69	8,670	1,937	6,733
1975-1978	2,195	1978	607	110	34	76	10,706	4,656	6,050

[1] Concerns for which financial data are publicly available.

No. 969. Mergers and Acquisitions—Manufacturing and Mining Concerns Acquired, by Industry Group of Acquiring Concern: 1960 to 1978

[See headnote, table 968]

Industry of acquiring concern	1960-1964, total	1965-1969, total	1970-1974, total	1975-1978, total	1972	1973	1974	1975	1976	1977	1978
Total concerns acquired	**4,366**	**8,213**	**4,749**	**2,195**	**911**	**874**	**602**	**439**	**559**	**590**	**607**
Mining	209	303	258	104	29	34	36	27	28	26	23
Manufacturing [1]	3,694	6,642	3,428	1,481	627	578	418	288	375	393	425
Food and kindred products	326	538	384	165	73	77	40	27	42	43	53
Tobacco manufactures	24	37	18	15	1	3	2	4	1	5	5
Textiles and apparel	280	439	160	43	31	30	15	3	13	11	16
Lumber and furniture	109	250	175	41	36	31	27	7	14	12	8
Paper and allied products	133	175	120	44	22	21	30	8	10	18	8
Printing and publishing	158	224	158	104	26	28	18	21	29	24	30
Chemicals	443	615	334	173	55	65	47	44	39	46	44
Petroleum	78	73	34	14	6	6	7	3	7	2	2
Rubber and plastics products	74	139	71	38	9	12	7	2	10	16	10
Leather products	32	75	41	8	10	5	-	3	3	1	1
Stone, clay, and glass products	103	212	136	53	18	19	25	15	13	11	14
Primary metals	173	366	180	86	25	24	23	22	22	23	19
Fabricated metal products	225	471	214	128	44	45	25	24	43	29	32
Machinery, except electrical	397	817	413	201	69	59	45	48	44	51	58
Electrical machinery	573	1,160	478	183	109	67	45	35	47	47	54
Transportation equipment	272	483	218	74	33	39	31	10	12	20	32
Professional scientific instruments	189	407	172	75	42	21	18	9	20	22	24
Nonmanufacturing	463	1,268	1,063	610	255	262	148	124	156	171	159

- Represents zero. [1] Includes miscellaneous and ordnance, not shown separately.

No. 970. Mergers and Acquisitions—Companies Acquired, by Asset Size of Acquiring and Acquired Companies and by Industry: 1977 and 1978

[Excludes pending mergers and acquisitions]

Asset size	Acquiring company		Acquired company		Industry	Acquiring company		Acquired company	
	1977	1978	1977	1978		1977	1978	1977	1978
Total	**1,182**	**1,245**	**1,182**	**1,245**	**Total**	**1,182**	**1,245**	**1,182**	**1,245**
Under $1 mil. [1]	152	195	840	867	Manufacturing	572	630	439	484
$1 mil. to $9.9 mil	75	43	146	116	Mining	47	45	44	35
$10.0 mil. to $49.9 mil	218	206	121	157	Wholesale, retail trade	109	108	127	152
$50.0 mil. to $99.9 mil	156	144	37	46	Service and other [2]	321	314	143	159
$100.0 mil. and over	581	657	38	59	Unknown	133	148	429	415

[1] Includes companies of unknown asset size. [2] Companies in insurance, construction, farming, finance, credit, real estate, transportation, communication; electric, gas, sanitary services; and holding companies.

Source of tables 968-970: U.S. Federal Trade Commission, *Statistical Report on Mergers and Acquisitions*, annual.

No. 971. New Business Concerns and Business Failures: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

Formations and failures	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Business formations:											
Index, net formations [1] (1967=100)	94.5	99.5	107.1	115.5	115.5	111.2	108.8	117.2	126.5	132.9	131.2
New incorporations (1,000)	183	204	264	317	329	319	326	376	436	478	525
Failures, number [2] (1,000)	15.4	13.5	10.7	9.6	9.3	9.9	11.4	9.6	7.9	6.6	7.6
Rate per 10,000 concerns	57	53	44	38	36	38	43	35	28	24	28

[1] Source: U.S. Bureau of Economic Analysis. [2] See footnote 2, table 972.

Source: Except as noted, Dun & Bradstreet, New York, N.Y., *Monthly New Business Incorporation Report.*

No. 972. Industrial and Commercial Failures—Number and Liabilities: 1946 to 1979

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

Yearly average or year	Total concerns in business [1] (1,000)	Failures [2]				Year	Total concerns in business [1] (1,000)	Failures [2]			
		Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)			Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)
1946-1950	2,493	5,652	21	213	45	1969	2,444	9,154	37	1,142	125
1951-1955	2,635	9,317	35	370	39	1970	2,442	10,748	44	1,888	176
1956-1960	2,674	14,177	53	708	50	1971	2,466	10,326	42	1,917	186
1961-1965	2,565	14,849	57	1,261	86						
1966-1970	2,481	10,993	44	1,324	121	1972	2,490	9,566	38	2,000	209
1971-1975	2,559	10,117	40	2,730	270	1973	2,567	9,345	36	2,299	246
1976-1979	*2,767*	*7,933*	*29*	*2,857*	*360*	1974	2,591	9,915	38	3,053	308
						1975	2,679	11,432	43	4,380	383
1965	2,527	13,514	53	1,322	98	1976	2,782	9,628	35	3,011	313
1966	2,520	13,061	52	1,386	106	1977	2,793	7,919	28	3,095	391
1967	2,519	12,364	49	1,265	102	1978	2,786	6,619	24	2,656	401
1968	2,481	9,636	39	941	98	1979	2,708	7,564	28	2,667	353

[1] Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book.* [2] Includes concerns discontinuing following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; *voluntary withdrawals from business with* known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. [3] Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

No. 973. Industrial and Commercial Failures—Number and Liabilities, by States: 1978 and 1979

State	Number		Current liabilities (mil. dol.)		State	Number		Current liabilities (mil. dol.)		State	Number		Current liabilities (mil. dol.)	
	1978	1979	1978	1979		1978	1979	1978	1979		1978	1979	1978	1979
U.S.	**6,619**	**7,564**	**2,656.0**	**2,667.4**	**W.N.C.**— Con.					**W.S.C**	**805**	**957**	**333.3**	**372.1**
					Mo.	65	65	8.7	10.1	Ark	66	71	17.1	10.7
N.E.	**382**	**391**	**103.6**	**252.1**	N. Dak.	25	25	3.1	6.9	La.	108	137	53.3	53.3
Maine	19	46	3.0	12.6	S. Dak.	23	22	8.8	6.9	Okla.	164	120	53.2	28.0
N.H.	30	13	11.6	5.5	Nebr.	45	70	74.7	16.8	Tex.	467	629	209.8	280.1
Vt	6	6	.7	2.8	Kans.	66	108	10.4	18.2					
Mass.	*241*	*218*	*79.6*	*184.3*	**S.A.**	**499**	**634**	**197.0**	**196.6**	**Mt**	**179**	**234**	**22.4**	**51.9**
R.I.	29	8	3.4	6.7	Del.	2	6	.2	1.1	Mont.	37	34	3.3	5.7
Conn.	57	100	5.2	40.2	Md.	88	125	8.8	26.3	Idaho	25	34	2.6	4.1
M.A.	**1,341**	**1,269**	**1,100.3**	**570.6**	D.C.	4	9	53.8	1.6	Wyo.	3	4	.5	2.3
N.Y.	578	477	391.8	237.7	Va.	99	140	29.2	34.7	Colo.	37	91	4.2	26.4
N.J.	415	421	198.8	194.2	W. Va.	20	16	2.6	9.1	N. Mex.	–	8	–	5.3
Pa.	348	371	509.7	138.8	N.C.	51	101	7.5	29.7	Ariz.	58	27	9.8	3.5
E.N.C.	**1,166**	**1,368**	**273.1**	**390.2**	S.C.	9	9	26.0	12.9	Utah	4	9	.6	2.0
Ohio	275	298	37.3	77.3	Ga.	77	145	40.2	50.2	Nev.	15	27	1.4	2.5
Ind.	*141*	*166*	*26.9*	*46.2*	Fla.	149	83	28.8	31.2					
Ill.	384	369	115.9	129.1	**E.S.C.**	**372**	**440**	**81.3**	**100.6**	**Pac.**	**1,395**	**1,690**	**373.4**	**565.1**
Mich.	270	389	72.4	103.2	Ky.	94	74	29.7	15.8	Wash.	204	299	43.1	87.3
Wis.	96	146	20.7	34.4	Tenn.	155	234	28.4	47.1	Oreg.	129	188	22.1	60.3
W.N.C.	**480**	**581**	**171.6**	**148.2**	Ala.	96	103	17.9	29.8	Calif.	1,029	1,162	298.8	428.4
Minn.	*181*	*212*	*32.4*	*77.3*	*Miss.*	27	29	5.4	7.9	Hawaii	31	38	9.0	8.7
Iowa	75	79	33.5	11.9						Alaska	2	3	.3	.3

– Represents zero. [1] See headnote and footnotes 2 and 3, table 972.

Source of tables 972 and 973: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1978* and *Monthly Failure Report.*

No. 974. Industrial and Commercial Failures—Number and Liabilities, by Industry and Size of Liability: 1970 to 1979

[Excludes Hawaii prior to 1975, Alaska prior to 1976. See footnotes 2 and 3, table 972]

Industry and size of liability	Failures						Current liabilities (mil. dol.)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Total	**10,748**	**11,432**	**9,628**	**7,919**	**6,619**	**7,564**	**1,888**	**4,380**	**3,012**	**3,095**	**2,656**	**2,667**
Mining and manufacturing	2,035	1,645	1,360	1,122	1,013	1,165	818	1,021	1,122	1,221	879	970
Under $100,000	1,069	789	614	479	381	424	43	35	27	23	18	21
$100,000 and over	966	856	746	643	632	741	775	986	1,094	1,198	861	949
Wholesale trade	984	1,089	1,028	887	740	908	179	407	414	613	346	421
Under $100,000	650	611	506	450	313	342	27	28	23	21	15	17
$100,000 and over	334	478	522	437	427	566	152	379	391	592	331	404
Retail trade	4,650	4,799	4,139	3,406	2,889	3,183	361	1,836	557	483	777	637
Under $100,000	3,984	3,520	3,050	2,368	1,916	1,920	124	136	126	98	86	88
$100,000 and over	666	1,279	1,089	1,038	973	1,263	236	1,700	430	384	692	549
Construction	1,687	2,262	1,770	1,463	1,204	1,378	232	641	429	420	328	291
Under $100,000	1,229	1,433	1,097	867	650	718	42	58	47	38	28	33
$100,000 and over	458	829	673	596	554	660	190	583	382	382	300	258
Commercial service	1,392	1,637	1,331	1,041	773	930	299	475	490	359	326	348
Under $100,000	1,087	1,151	909	697	452	526	33	42	34	28	18	21
$100,000 and over	305	486	422	344	321	404	265	433	456	331	308	327

Source: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1978* and *Monthly Failure Report.*

No. 975. Bankruptcy Cases Filed and Pending: 1905 to 1979

[In thousands. For years ending **June 30.** Covers all U.S. district courts. A bankruptcy case is a proceeding filed in a U.S. district court under the National Bankruptcy Act. "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the court; "Pending" is a proceeding in which the administration has not been completed.]

Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending
1905	17	28	1945	13	21	1965	180	162	1973	173	189
1910	18	25	1950	33	38	1966	192	169	1974	190	201
1915	28	44	1955	59	56	1967	208	185	1975	254	262
1920	14	30	1960	110	95	1968	198	184			
									1976	247	271
1925	46	60	1961	147	124	1969	185	179	1977	214	254
1930	63	61	1962	148	134	1970	194	191	1978	203	241
1935	69	65	1963	155	148	1971	201	201	1979	226	258
1940	52	55	1964	172	157	1972	183	197			

No. 976. Bankruptcy Cases Filed, by Type of Bankruptcy and Occupation of Debtor: 1965 to 1979

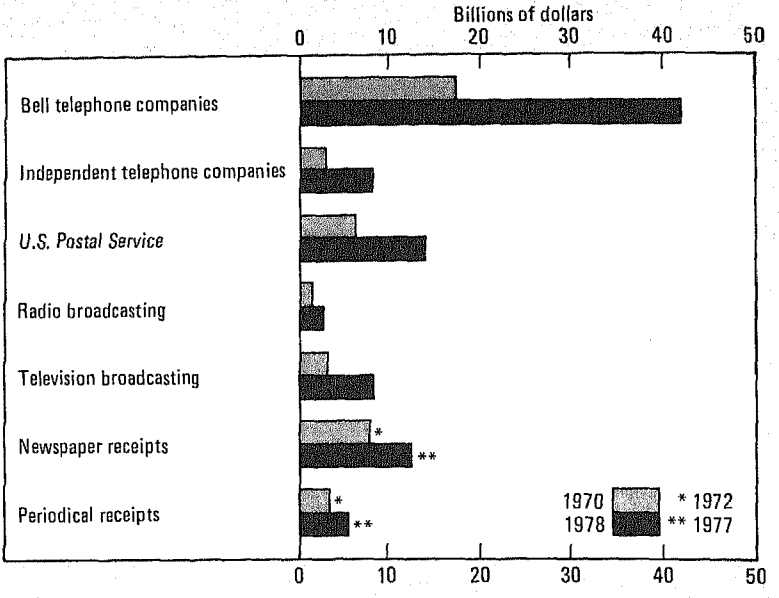
[For years ending **June 30.** See headnote, table 975]

Item	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**180,323**	**194,399**	**173,197**	**189,513**	**254,484**	**246,549**	**214,399**	**202,951**	**226,476**
Straight bankruptcies	151,137	162,451	145,914	157,967	209,330	209,067	181,194	168,771	183,259
Voluntary	149,820	161,366	144,929	156,958	208,064	207,926	180,062	167,776	182,344
Involuntary	1,317	1,085	985	1,009	1,266	1,141	1,132	995	915
Corporate reorganization	88	115	101	163	189	141	96	75	63
Arrangements	1,071	1,320	1,550	2,343	3,786	3,760	3,686	3,916	3,711
Wage earners' plans	28,027	30,510	25,632	29,023	41,178	33,579	29,422	30,185	39,442
Other	-	3	-	17	1	2	1	4	1
OCCUPATION OF DEBTOR [1]									
Employees	148,965	156,343	131,122	141,877	184,078	166,394	144,754	139,779	164,101
Merchants	4,332	4,003	4,492	5,317	6,048	6,124	6,533	5,553	4,177
Manufacturers	688	731	649	710	756	681	779	846	603
Farmers	589	658	431	308	550	672	736	751	592
Members of professions	778	1,301	1,450	1,582	2,542	2,809	2,680	2,348	2,242
Other	23,628	30,264	34,056	38,699	59,224	68,703	57,775	52,667	53,834
In business	9,188	8,470	9,505	11,870	19,073	23,870	20,423	20,164	21,017
Not in business	14,440	21,794	24,551	26,829	40,151	44,833	37,352	32,503	32,817

- Represents zero. [1] Excludes involuntary corporate and involuntary straight cases.

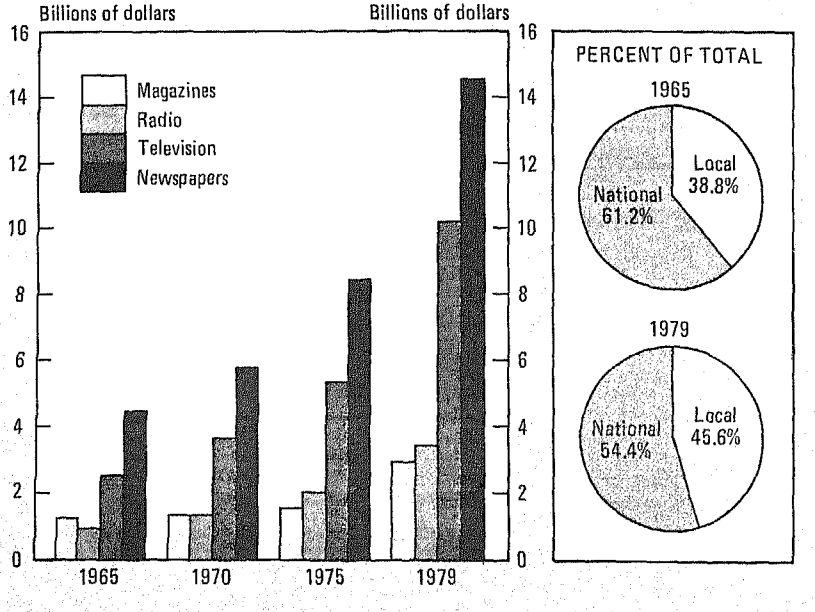
Source of tables 975 and 976: Administrative Office of the United States Courts, *Tables of Bankruptcy Statistics,* annual, and *Federal Judicial Workload Statistics,* annual.

Figure 19.1
Operating Revenues of Selected Media: 1970 and 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 978, 983, 985, 992, 993, and 1008.

Figure 19.2
Advertising Expenditures by Selected Media: 1965 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1018.



Section 19

Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals, and books. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 65 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and of office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report *Revenue and Cost Analysis* and its *Annual Report of the Postmaster General.*

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation, but not to a large number of telephone carriers which are engaged in intrastate or foreign service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover over 90 percent of the revenues of all U.S. telephone companies.

Financial and other reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report,* its annual *Statistics of Communications Common Carriers,* and its annual releases of financial data reported by radio and television stations and networks.

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. Editor and Publisher Co., Inc., New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Yearbook.* Monthly data on new books and new editions appear in *Publishers Weekly,* issued by R. R. Bowker Company, New York.

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown (see tables

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1016-1018), defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertising done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly figures for advertising are published regularly by McCann-Erickson in its *Advertising Age.*

The Broadcast Advertisers Reports (see tables 1019-1021) distinguishes between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given establishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

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

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

No. 977. U.S. Postal Service—Summary: 1900 to 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 579. See also *Historical Statistics, Colonial Times to 1970,* series R 163-171]

Year	Number of post offices	Finances [1]			Revenue per capita [3] (dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	Pieces of mail handled (est.)			
		Revenues (mil. dol.)	Expenditures [2] (mil. dol.)	Deficit (mil. dol.)					Total [4] (bil.)	First-class [5]		Second class [6] (bil.)
										Number (bil.)	Percent	
1900	76,688	102	108	5	1.34	94	([7])	256	7.1	(NA)	(NA)	(NA)
1910	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920	52,641	437	454	17	4.11	380	13	1,356	(NA)	(NA)	(NA)	(NA)
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.6
1950	41,464	1,677	2,223	545	11.14	862	678	[8] 5,138	45.1	24.5	54.3	6.3
1955	38,316	2,349	2,712	363	14.33	999	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,955	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	9.6
1972	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ [9]	30,521	3,402	3,387	[10] 15	14.11	815	1,895	1,639	21.5	12.5	58.1	2.1
1977	30,521	14,622	15,310	688	60.18	3,658	7,951	5,636	92.2	53.7	58.2	8.7
1978	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	96.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	[10] 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4

NA Not available. [1] After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior years; beginning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues for 1960 include $37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 3, table 978. [2] Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to the Postal Service by other agencies. Beginning 1955, represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Postal Service. [3] Operating revenue only; based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes other classes of mail not shown separately. See table 980. [5] Items mailed at 1st-class rates and weighing 12 ounces or less. Includes items wholly or partially in writing or typewriting, cards or bills and statements of account, items closed against postal inspection, etc. [6] Includes mail paid at other than bulk rates. [7] Service not inaugurated. [8] Includes postal notes issued under act of Congress. [9] Transition quarter, July-Sept. [10] Net income.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 978. U.S. POSTAL SERVICE REVENUES, BY SOURCE: 1960 TO 1979

[In millions of dollars, except percent. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 579.]

REVENUE SOURCE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total [1]	[2] 3,277	[2] 4,483	7,702	9,347	9,913	10,857	11,590	12,747	14,622	15,841	17,999
Operating postal revenue [3]	3,270	4,433	6,347	7,884	8,339	9,008	10,015	11,199	12,998	14,133	16,106
Stamps, postal cards, etc	1,245	1,528	1,936	2,371	2,399	2,504	2,819	3,155	3,658	3,943	4,382
Second-class postage paid in money (pound rates) [4]	86	131	192	214	224	259	284	319	427	551	755
Other postage paid under permit and meter	1,699	2,529	3,883	4,861	5,141	5,623	6,241	6,883	7,951	8,668	10,062
Box rents	29	34	44	58	61	63	67	103	109	124	153
Miscellaneous	[5] 147	154	236	325	460	507	556	675	748	758	663
Money-order revenues	64	57	56	55	54	52	53	63	105	89	91
Government appropriations	-	-	1,355	1,361	1,486	1,750	1,533	1,645	1,712	1,722	1,720
Percent of total revenue	-	-	17.6	14.6	15.0	16.1	13.2	12.9	11.7	10.9	9.6
Investment income, net	-	-	-	102	89	98	37	[6] −97	[6] −88	[6] −14	173

- Represents zero. [1] Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements. [2] Includes small amounts for Postal Savings System, 1960 and 1965, and reimbursement by U.S. Congress in 1965. [3] The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 and 1971 have been restated to be consistent with subsequent years. See also footnote 1, table 977. [4] Includes controlled circulation publications. [5] Includes $37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. [6] Interest expense on loans exceeded interest income received from investments.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 979. POSTAL REVENUES AND COSTS: 1970 TO 1979

[In millions of dollars, except as indicated. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** For 1970-1973, revenues exclude reimbursements from various sources which are included in revenue data shown in tables 977 and 978. See also *Historical Statistics, Colonial Times to 1970,* series R 172-182]

MAIL AND SERVICE	REVENUES		Per capita revenues [1] (dol.)	ATTRIBUTABLE COSTS [2]			
	Total	Percent of total		Total [3]	Direct labor	Transportation	Overhead
1970	6,477	(X)	31.69	4,143	3,072	572	399
1971	6,796	(X)	32.88	4,492	3,327	588	457
1972	9,358	(X)	44.97	4,761	3,579	533	526
1973	9,840	(X)	46.93	4,903	3,901	465	412
1974	10,857	(X)	51.65	5,420	4,297	495	491
1975	11,590	(X)	55.14	7,012	4,715	732	1,565
1976	12,747	(X)	59.43	9,199	7,076	552	1,571
1977	14,622	(X)	67.70	10,655	7,948	925	1,782
1978	15,841	(X)	72.77	11,039	8,431	867	1,741
1979, total	**17,999**	**100.0**	**82.00**	**11,719**	[4] **8,961**	**955**	[5] **1,803**
First-class mail [6]	9,733	54.07	44.34	6,487	5,307	181	999
Priority mail [7]	561	3.12	2.56	275	126	108	41
Second-class publishers' mail [8]	644	3.58	2.93	717	537	82	98
Controlled circulation publication [9]	95	.53	.43	72	44	18	10
Third-class mail [10]	2,216	12.31	10.09	2,153	1,718	122	313
Bulk rate	1,967	10.93	8.96	1,838	1,460	116	262
Single piece rate and fees	249	1.38	1.13	315	258	6	51
Fourth-class mail [11]	747	4.15	3.40	687	369	200	118
Zone rate mail (parcels, catalogs, etc.)	484	2.69	2.20	398	204	131	63
Special fourth-class rate	237	1.32	1.08	232	135	52	45
Library rate and fees	26	.14	.12	57	30	17	10
Government mail [12]	678	3.77	3.09	297	248	38	11
International mail [13]	550	3.05	2.51	410	178	193	39
Special services	506	2.81	2.31	578	409	-	169
Other [14]	2,269	12.61	10.34	43	25	13	5

- Represents zero. X Not applicable. [1] Based on Bureau of the Census estimated population as of Jan. 1, including Armed Forces abroad. [2] Costs which can be demonstrated to vary with changes in volume of a particular class or category of service or, even though fixed, to result from providing one specific class or category of service. [3] For 1970-1974, includes other direct and specific fixed costs. [4] Short- and longer-run direct and indirect costs. [5] Service-related costs. [6] See footnote 5, table 977. [7] Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. [8] Includes mail paid at other than bulk rates. Publishers' mail includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular rate newspapers and magazines, and classroom and nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication. [9] Publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more frequently for mainly free distribution. Includes certain trade publications and "shopper" guides. [10] Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates. [11] Items not mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. [12] Penalty and franked mail. [13] Mail from U.S. to foreign countries paid at international mail rates. [14] For revenues, consists of unassignable revenues; for attributable costs, consists of free mail for blind and handicapped and nonpostal services for other agencies.

Source: U.S. Postal Service, *Revenue and Cost Analysis,* annual, and *Annual Report of Postmaster General.*

No. 980. U.S. Postal Service—Volume of Mail, by Classes: 1970 to 1979

[**In millions, except per capita.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 979. See also *Historical Statistics, Colonial Times to 1970*, series R 172-186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1977	1978	1979	1970	1975	1977	1978	1979
Total	**84,882**	**89,266**	**92,224**	**96,913**	**99,829**	**13,281**	**12,025**	**12,344**	**12,013**	**12,253**
Domestic	83,986	88,334	91,339	96,000	98,875	13,055	11,824	12,128	11,804	12,040
1st class and airmail	50,174	52,482	53,668	[1] 56,020	[1] 57,976	1,636	1,746	1,842	1,962	2,072
Priority mail	185	207	202	213	229	371	440	499	510	541
2d class	9,352	9,085	8,673	8,691	8,400	3,417	2,792	2,911	2,984	2,985
3d class	19,974	21,867	24,050	26,330	27,513	2,032	2,283	2,474	2,725	2,994
4th class	977	801	762	691	614	4,786	3,754	3,516	2,778	2,534
Controlled circulation publications	562	628	690	761	846	224	232	267	300	358
Penalty	2,544	2,928	2,962	2,824	2,895	540	527	565	498	503
Franked and free for blind	218	336	332	470	402	49	50	54	47	53
Per capita: [2]										
Total, all domestic mail [3]	412	415	423	441	452	64	56	56	54	55
1st class and airmail	246	247	248	257	264	8	8	9	9	9
2d class	46	43	40	40	38	17	13	13	14	14
3d class	98	103	111	121	125	10	11	11	13	14
4th class	5	4	4	3	3	23	18	16	13	12
International	896	932	885	913	954	226	201	216	209	213

[1] Includes express mail established as a class of mail on October 9, 1977 and mailgrams. [2] Based on estimated total population as of Jan. 1, including Armed Forces abroad. [3] Includes types of mail not shown separately.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 981. U.S. Postal Service Rates for Letters and Post Cards: 1952 to 1980

[See also *Historical Statistics, Colonial Times to 1970*, series R 188-191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]	DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]
	Letters			Postal and post cards			Letters			Postal and post cards	
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce		
1952 (Jan. 1)	3¢	(X)	(X)	2¢	[2] 6¢	1974 (Mar. 2)	10¢	(X)	(X)	8¢	13¢
1958 (Aug. 1)	4¢	(X)	(X)	3¢	7¢	1975 (Sept. 14)	(X)	10¢	9¢	7¢	(X)
1963 (Jan. 7)	5¢	(X)	(X)	4¢	8¢	1975 (Dec. 31)	[3] (X)	[3] 13¢	[3] 11¢	[3] 9¢	[4]
1968 (Jan. 7)	6¢	(X)	(X)	5¢	10¢	1978 (May 29)	(X)	15¢	13¢	10¢	[5]
1971 (May 16)	8¢	(X)	(X)	6¢	11¢	In effect, Aug. 1980	(X)	15¢	13¢	10¢	[5]

X Not applicable. [1] Each ounce, except as noted. [2] Jan. 1, 1949. [3] As of October 11, 1975, surface mail service upgraded to level of airmail. [4] 17¢ for first ounce; 15¢ for each added ounce. [5] As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

No. 982. U.S. Postal Service Employees, by Type: 1950 to 1979

[**In thousands, except pieces of mail.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Includes Puerto Rico, and all outlying areas except Canal Zone. See *Historical Statistics, Colonial Times to 1970*, series R 187, for total employees]

ITEM	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total employees	**501**	**512**	**563**	**596**	**741**	**710**	**702**	**679**	**655**	**656**	**663**
Regular	364	367	409	447	549	565	559	543	528	526	534
Postmasters	[1] 45	[1] 42	35	33	30	30	30	29	29	28	28
Office supvsr. and tech. personnel	169	175	27	30	37	37	37	39	36	37	36
Office clerks and mail handlers [2]			172	188	243	243	239	235	228	226	230
City carriers and vehicle drivers	90	91	110	133	165	171	167	161	157	157	160
Rural carriers	33	32	31	31	31	31	31	31	31	31	32
Other	27	26	34	32	42	51	55	48	47	47	48
Substitute (part-time)	137	145	154	148	193	146	143	136	127	130	129
Pieces of mail per employee, average	90	108	113	121	115	127	127	132	141	148	151

[1] Includes assistant postmasters: 3,540 in 1950, and 3,917 in 1955. [2] Includes mobile unit employees.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 983. BELL TELEPHONE COMPANIES—SUMMARY: 1960 TO 1979

[As of **Dec. 31** or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Central offices [1]	1,000	11.2	13.4	15.1	16.5	16.9	17.2	17.5	17.8	18.1	18.7
Miles of—Wire	Mil	308	423	602	752	800	832	871	910	962	1,018
Coaxial tube	1,000	97	169	287	326	331	333	336	337	331	332
Telephone grade carrier channel [2]	Mil	76	167	414	569	608	645	672	715	758	870
Microwave radio relay [3]	1,000	298	728	1,181	1,343	1,356	1,389	1,370	1,407	1,402	1,404
Book value of plant (cost)	Bil. dol	24.7	36.2	56.2	75.5	82.7	89.2	95.8	103.6	113.0	123.9
Depreciation reserves [4]	Bil. dol	5.4	7.8	12.6	15.8	16.6	17.6	18.7	19.9	21.2	22.6
Operating revenues [5]	Bil. dol	8.1	11.3	17.4	24.1	26.8	29.6	33.5	37.3	42.0	46.4
Local exchange	Bil. dol	4.7	6.1	8.7	11.7	13.1	14.4	16.0	17.5	19.2	20.8
Toll	Bil. dol	3.1	4.7	8.0	11.5	12.7	14.2	16.4	18.5	21.2	23.8
Operating expenses [6]	Bil. dol	5.6	7.9	12.9	17.8	19.8	22.2	24.8	27.7	31.0	34.9
Net income	Bil. dol	1.3	1.9	2.3	3.1	3.3	3.3	4.0	4.7	5.6	5.6
Dividends declared [7]	Bil. dol	.8	1.1	1.5	1.9	2.1	2.2	2.6	2.9	3.3	3.8
Employees, number	1,000	595	627	793	818	812	789	778	785	823	855
Wages and salaries	Bil. dol	3.3	4.2	6.6	9.3	10.2	11.1	12.2	13.4	15.1	17.3

[1] 1960 not fully comparable with later years. [2] Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. [3] Broadband, 1-way channel. [4] Includes amortization reserves. [5] Includes miscellaneous and uncollectible, not shown separately. [6] Includes operating taxes other than Federal income tax. [7] Excludes intercompany dividends.

Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

NO. 984. TELEPHONE AND TELEGRAPH SYSTEMS: 1950 TO 1978

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times to 1970*, series R 46-70 and R 75-88, for data on telegraph systems]

ITEM	Unit	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Domestic telephone: [1]											
Carriers	Number	71	53	52	54	56	63	62	62	63	64
Telephones [2]	Mil	39	50	66	82	105	126	130	135	143	148
Miles of wire	Mil	147	205	316	436	628	838	872	913	966	1,022
Gross book cost of plant	Bil. dol	10.7	16.2	25.7	38.0	59.9	88.6	95.5	103.1	113.1	123.6
Depreciation reserves [3]	Bil. dol	3.0	4.1	5.6	8.1	13.2	17.7	18.8	20.2	21.9	23.5
Ratio to book cost	Percent	27.8	25.3	21.7	21.4	22.1	20.0	19.7	19.6	19.4	19.0
Capital stock	Bil. dol	3.2	6.0	8.4	10.0	10.8	11.7	12.4	12.7	14.2	14.9
Operating revenues	Bil. dol	3.4	5.6	8.4	11.8	18.2	28.3	31.3	35.6	40.1	45.2
Operating expenses [4]	Bil. dol	2.5	3.7	5.0	7.1	11.7	18.0	20.2	22.7	25.7	29.1
Net operating income [5]	Bil. dol	.5	.8	1.4	2.1	3.1	5.2	5.6	6.5	7.2	8.1
Net income	Bil. dol	.4	.7	1.3	1.9	2.3	3.5	3.6	4.3	5.1	5.9
Employees	1,000	565	649	627	655	839	865	840	832	851	894
Compensation of employees	Bil. dol	1.8	2.7	3.4	4.3	7.0	10.7	11.7	12.4	13.4	16.2
Overseas telephone:											
Number of overseas calls	Mil	.7	1.2	3.3	7.5	23.4	53.7	62.2	75.8	96.3	133.9
Revenue from overseas calls	Mil. dol	9	16	42	101	252	496	562	664	795	963
Ocean cable systems	Number	1	1	5	11	13	14	14	15	15	15
Communications satellites	Number	-	-	-	1	4	5	5	5	5	5
Domestic telegraph:											
Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Mil	179	154	124	94	70	42	42	43	45	50
Message revenues [6]	Mil. dol	152	189	190	192	234	192	197	202	214	238
Total operating revenues	Mil. dol	178	229	262	306	402	484	505	528	555	576
Operating revenue deductions	Mil. dol	167	206	247	282	368	414	435	453	470	492
Operating income [7]	Mil. dol	9	13	11	24	34	69	70	74	85	84
Teletypewriter messages	Mil	15	23	33	47	46	52	54	53	53	56
Overseas telegraph: [8]											
Carriers	Number	11	10	9	6	6	6	6	6	6	6
Revenue messages transmitted	Mil	23	26	28	29	32	29	26	24	23	22
Message revenues [6]	Mil. dol	42	50	71	78	124	213	217	238	276	320
Total operating revenues	Mil. dol	50	68	87	107	194	299	316	344	397	455
Operating revenue deductions	Mil. dol	45	58	77	87	156	224	245	265	294	336
Operating income [7]	Mil. dol	4	3	6	14	26	49	48	55	69	83

- Represents zero. [1] Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. [2] Includes company, service, and private. [3] Includes amortization reserves. [4] Excludes taxes. [5] After tax deductions. [6] Includes telex service; for domestic telegraph, excludes TWX. [7] After Federal income taxes. [8] Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

No. 985. Independent Telephone Companies—Summary: 1950 to 1978

[As of Dec. 31 or calendar year, as applicable. See also *Historical Statistics, Colonial Times to 1970,* series R 31-45]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978
All companies [1]	**Number**	**5,541**	**4,713**	**3,299**	**2,421**	**1,841**	**1,618**	**1,590**	**1,556**	**1,527**
Telephones	1,000	6,338	8,461	11,426	15,027	20,312	26,823	28,209	29,675	31,549
Total telephone plant	Mil. dol	1,096	2,043	4,019	6,826	12,390	21,200	23,000	25,130	27,788
Operating revenues	Mil. dol	317	590	1,020	1,670	2,953	5,500	6,300	7,115	8,085
Reporting companies [2]	**Number**	**379**	**406**	**550**	**669**	**684**	**731**	**764**	**757**	**761**
Telephones	1,000	4,922	6,750	9,718	13,648	19,182	25,548	27,029	28,495	30,323
Percent of all independent companies' telephones	Percent	77.7	79.8	85.0	89.6	92.9	95.3	95.8	96.0	96.1
Telephone plant in service	Mil. dol	878	1,656	3,396	6,056	11,175	19,520	21,323	23,243	25,640
Depreciation reserves	Mil. dol	203	326	600	1,168	2,203	4,120	4,745	5,393	6,063
Operating revenues	Mil. dol	270	503	1,040	1,530	2,791	5,294	6,072	6,864	7,807
Operating expenses [3]	Mil. dol	211	354	630	1,040	1,953	3,639	4,159	4,722	5,405
Net income	Mil. dol	29	67	117	225	356	711	837	960	1,073
Employees	1,000	63	72	85	101	142	152	154	160	172
Wages and salaries	Mil. dol	147	224	359	537	1,001	1,737	1,949	2,218	2,579

[1] All telephone companies independent of Bell System. [2] Comprises only companies submitting operating information to source cited below. [3] Excludes Federal income tax.

Source: United States Independent Telephone Association, Washington, D.C., *Statistics of the Independent Telephone Industry,* annual. (Copyright.)

No. 986. Telephones, Calls, and Rates: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970,* series R 1-16]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Telephones, Dec. 31	**Mil**	**74**	**94**	**120**	**138**	**144**	**149**	**155**	**162**	**169**	**176**
Total per 1,000 population	Number	408	478	584	655	677	695	718	744	769	793
Bell companies [1]	Mil	63	79	100	114	118	122	127	132	137	143
Independent companies	Mil	11	15	20	24	26	27	28	30	31	32
Business	Mil	21	26	33	37	39	39	41	42	44	46
Residence	Mil	54	68	87	101	105	110	114	120	125	130
Households with service [2]	Percent	79	85	91	94	94	95	95	96	97	98
Average daily conversations:											
Bell companies [1] [3]	Mil	225	287	379	444	470	481	498	519	561	576
Local	Mil	215	273	356	414	438	448	462	479	515	526
Long distance	Mil	10	14	23	30	32	33	36	40	45	50
Independent companies [3]	Mil	60	80	107	132	143	146	146	160	176	170
Local	Mil	58	77	103	125	136	137	137	150	165	156
Long distance	Mil	2	3	4	7	7	9	9	10	11	14
Toll rates in effect, Dec. 31, from New York City to: [4]											
Philadelphia	Dol	.50	.50	.50	.60	.60	.90	.99	1.01	1.01	1.01
Chicago	Dol	1.45	1.40	1.05	1.15	1.15	1.20	1.18	1.18	1.18	1.18
Denver	Dol	1.80	1.70	1.25	1.35	1.35	1.30	1.24	1.24	1.24	1.24
San Francisco	Dol	2.25	2.00	1.35	1.45	1.45	1.36	1.30	1.30	1.30	1.30

[1] *See headnote, table 983.* [2] *See footnote 3, table 988.* [3] *Includes messages originating in independent company* areas routed in part over Bell facilities. [4] Source: Federal Communications Commission, *tariff releases. Rates for dialing* station-to-station, daytime, 3-minute call.

Source: Except as noted, American Telephone and Telegraph Company, New York, N.Y., unpublished data.

No. 987. REA and Rural Telephone Bank Program—Summary: 1960 to 1979

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979 [1]
Loans and guarantees approved, Dec. 31: [2]										
Borrowers	Number	727	845	862	905	921	939	950	966	981
REA amount	*Mil. dol*	737	1,200	1,816	2,357	2,576	2,851	3,043	3,354	3,606
Guaranteed amount	Mil. dol	-	-	-	33	237	394	394	392	392
Rural Telephone Bank amount	Mil. dol	-	-	-	474	618	768	979	1,121	1,262
Route miles of line, [3] Dec. 31	1,000	378	515	575	645	701	750	770	795	819
Subscribers, Dec. 31	1,000	1,467	2,066	2,506	3,100	3,561	3,907	4,119	4,370	4,540
Telephones in service	1,000	1,280	2,046	2,989	4,084	4,355	4,796	5,388	5,925	6,335
Total operating revenues	Mil. dol	94	187	363	660	753	899	1,087	1,305	1,540
Total telephone plant	Mil. dol	635	1,168	2,085	3,422	3,850	4,374	5,074	5,770	6,558
Employees	1,000	9.7	11.6	15.4	19.6	20.0	21.2	23.5	26.3	27.9

- Represents zero. [1] Preliminary, except loans approved. [2] Cumulative net loans (cancellations deducted).
[3] *Line in service.*

Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers.*

NO. 988. TELEPHONES IN USE, BY STATES: 1970 AND 1978

[As of Dec. 31]

STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE [3]		STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE [3]	
	Number (1,000)		Per 100 population, [1] 1978	Percent owned by Bell [2]					Number (1,000)		Per 100 population, [1] 1978	Percent owned by Bell [2]			
	1970	1978		1970	1978	1970	1978		1970	1978		1970	1978	1970	1978
U.S.	120,155	169,027	57	83	81	92	97	Mo	2,753	3,691	57	83	80	91	95
								Mont	357	576	54	84	83	89	93
Ala	1,563	2,420	50	84	83	80	89	Nebr	884	1,247	59	58	58	96	100
Alaska	85	240	35	–	–	(NA)	92	Nev	333	698	72	35	32	84	103
Ariz	956	1,796	55	97	96	82	99	N.H	425	673	59	95	95	99	102
Ark	859	1,390	48	73	71	77	88								
Calif	13,306	19,123	61	79	78	94	99	N.J	4,786	6,335	65	98	98	99	105
								N. Mex	494	813	47	87	87	80	90
Colo	1,374	2,181	57	98	98	93	100	N.Y	12,416	13,065	53	92	91	97	96
Conn	2,061	2,583	62	99	99	100	103	N.C	2,385	3,907	53	52	53	82	92
Del	380	501	63	100	100	97	100	N. Dak	321	500	56	70	72	94	100
D.C	878	1,069	76	100	100	100	101								
Fla	4,142	7,272	62	68	65	88	100	Ohio	6,201	7,785	55	77	76	94	96
								Okla	1,469	2,226	58	88	87	88	95
Ga	2,413	3,905	57	86	86	83	93	Oreg	1,190	1,885	56	78	73	89	95
Hawaii	424	661	48	–	–	(NA)	105	Pa	7,476	9,519	61	83	81	95	99
Idaho	358	662	55	80	80	87	97	R.I	531	698	56	100	100	96	99
Ill	7,110	9,792	65	83	83	94	99								
Ind	2,905	4,043	58	66	65	90	95	S.C	1,168	1,981	51	74	72	80	90
								S. Dak	336	498	54	81	79	91	95
Iowa	1,625	2,212	57	70	68	95	97	Tenn	1,947	3,064	54	84	84	84	93
Kans	1,301	1,859	60	83	84	93	95	Texas	6,329	10,245	57	84	82	86	97
Ky	1,435	2,215	48	73	71	80	89	Utah	596	993	56	96	96	93	100
La	1,781	2,729	52	95	94	87	95								
Maine	490	770	54	90	88	93	101	Vt	236	349	52	87	86	97	104
								Va	2,476	3,672	53	80	79	86	95
Md	2,482	3,387	61	100	100	93	100	Wash	1,996	2,999	57	77	74	91	97
Mass	3,523	4,472	57	100	100	98	100	W. Va	763	1,086	45	87	86	82	89
Mich	5,135	6,981	58	89	87	95	100	Wis	2,370	3,393	54	72	70	95	100
Minn	2,248	3,056	56	82	79	97	100	Wyo	196	347	58	94	94	89	95
Miss	891	1,464	47	95	95	71	84								

– Represents zero. NA Not available. [1] Residential telephones per 100 population. Based on Bureau of the Census estimated resident population as of July 1, 1978. [2] Includes 463,200 service telephones (noncompany telephones for which switching service is provided) in 1970, and 381,184 in 1978. [3] Households with service are sum of residence main, apartment house private branch exchange and residence service main telephones, and other residence private branch exchange systems. There tends to be a slight overstatement of the proportion of households with telephone service.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual.

NO. 989. COMMUNICATION RATES BETWEEN SELECTED CITIES: 1946 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series R 71–74 and R 89–92]

EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—				EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—			
	Philadelphia	Chicago	Denver	San Francisco		London	Cairo	Tokyo	Buenos Aires
TELEGRAPH RATES [1]					CABLE AND RADIO TELEGRAPH RATES [3]				
1960, Oct. 17	1.10	1.45	1.90	1.90					
1966, Jan. 1	1.27	1.70	2.23	2.23	1950, July 1	.19	.30	.30	.27
1968, Nov. 1	2.25	2.25	2.25	2.25	1958, Aug. 1	.21	.34	.34	.31
1970, Mar. 1	2.75	2.75	2.75	2.75	1966, Apr. 12	.23	.34	.34	.31
1971, July 4	3.75	3.75	3.75	3.75	1978, Jan. 1	.23	.34	.34	.31
1974, Dec. 2	4.75	4.75	4.75	4.75	In effect Jan. 1, 1980	.23	.34	.34	.31
1978, Oct. 1–Mar. 1, 1980	4.95	4.95	4.95	4.95					
					TELEPHONE RATES [4]				
TWX RATES [2]									
					1946	12.00	12.00	12.00	12.00
1960, Feb. 7	.45	1.15	1.65	1.75	1970, Mar. 1	9.60	12.00	12.00	12.00
1966, Sept. 1	.25	.45	.55	.60	1978, Jan. 1	9.60	12.00	12.00	12.00
1970, Feb. 1	.25	.50	.65	.70	In effect Jan. 1, 1980	9.60	12.00	12.00	12.00
1978, Aug. 10–Mar. 1, 1980	.40	.48	.52	.52					

[1] Minimum charge for 15 text words or less. [2] Prior to September 1966, rates for 3 minutes or less, 2-way; thereafter, for each minute or fraction thereof. [3] Per plain language telegraph-word including address and signature. [4] For person-to-person, 3-minute call.

Source: U.S. Federal Communications Commission, tariff releases.

NO. 990. BROADCAST AND NONBROADCAST STATIONS AUTHORIZED AND OPERATORS LICENSED, BY CLASS: 1975 TO 1979

[1975 as of June 30; thereafter, as of Sept. 30. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series R 140-148]

CLASS	1975	1978	1979
	STATIONS AUTHORIZED (1,000)		
Private radio services [1]	**2,602.4**	**15,786.0**	**16,680.4**
Amateur and disaster	276.8	369.3	375.5
Personal	1,530.8	14,249.9	15,000.3
Aviation	184.4	216.1	227.0
Aircraft	154.7	184.3	193.2
Aeronautical and fixed	7.4	8.2	9.1
Civil air patrol	19.6	20.5	21.3
Other	2.7	3.0	3.4
Industrial	244.6	426.8	513.9
Power	17.5	22.0	23.4
Business	155.2	304.8	377.1
Petroleum	11.8	15.9	17.2
Forest products	4.3	5.4	6.1
Special industrial	40.7	66.6	75.4
Other	15.1	12.2	14.6
Land transportation	22.6	27.5	29.4
Railroad	8.9	10.1	10.5
Taxicab	3.7	4.7	5.1
Interurban property	2.2	3.2	3.4
Other	7.9	9.6	10.4
Marine	250.7	345.2	371.2
Ship	243.6	335.0	360.3
Alaskan	2.1	2.3	2.4
Coastal and other	5.0	8.0	8.5
Public safety	92.6	136.8	147.0
Police	28.8	42.4	44.6
Fire	14.0	21.6	23.1
Forestry conservation	6.2	7.4	7.7
Highway maintenance	7.7	10.0	10.5
Special emergency	12.4	23.6	26.3
Other	23.5	31.9	34.7
Operational fixed services [2]	(NA)	14.4	16.1

CLASS	1975	1978	1979
	STATIONS AUTHORIZED (Number)		
Broadcast services [3]	**32,172**	**36,103**	**35,973**
Commercial AM	4,488	4,577	4,634
Commercial TV	759	785	807
Educational TV	256	268	275
TV translator	3,389	4,001	4,238
Auxiliary TV	3,032	4,648	5,099
Experimental TV	3	2	2
UHF signal booster	9	9	9
Aural, studio-transmitter-link, intercity relay	1,008	1,610	1,836
Commercial FM	2,847	3,206	3,300
Educational FM	850	1,053	1,112
International	4	4	4
Remote pickup	14,959	15,021	13,522
Instructional TV, fixed	187	187	198
Other	381	732	936
Common carrier services	**27,357**	**51,607**	**58,988**
Point-to-point microwave	8,133	8,755	8,917
Multipoint distribution serv.	69	143	144
Local TV transmission	64	65	65
Rural radio	1,218	1,504	1,716
Developmental	(NA)	200	33
Public land mobile [1]	17,783	39,584	45,415
International control, fixed	25	8	8
Satellite earth stations [4]	48	1,294	2,603
Satellites in orbit [4]	17	30	32
Other	(NA)	24	55
Experimental services	**1,349**	**1,432**	**1,298**
Cable TV relay service [3]	**877**	**1,187**	**1,458**
	RADIO OPERATORS (1,000)		
Total	**4,222**	**4,779**	**4,951**
Commercial	3,965	4,426	4,589
Amateur	257	353	362

NA Not available. [1] Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units. [2] Includes microwave operations. Prior to 1977, data not separable from other class categories. [3] Stations licensed or holding construction permits. [4] Includes domestic satellite systems.

Source: U.S. Federal Communications Commission, *Annual Report*.

NO. 991. COMMERCIAL BROADCAST STATIONS, NUMBER AND REVENUES: 1950 TO 1978

[**Revenues in millions of dollars.** Covers reporting stations. As of **Dec. 31.** Includes P. Rico and Virgin Is. Revenues are total time sales of all networks and stations, less commissions to agencies and plus incidental revenues (e.g., sale of talent and program material). *See also Historical Statistics, Colonial Times to 1970*, series R 111-112 and R 128-129]

STATION	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Stations	**2,336**	**3,179**	**4,218**	**4,867**	**5,584**	**5,936**	**6,136**	**6,228**	**6,339**	**6,316**	**6,462**
Net broadcast revenues	**550**	**1,198**	**1,866**	**2,757**	**3,945**	**4,967**	**5,384**	**5,819**	**7,218**	**8,163**	**9,585**
AM and AM-FM stations	2,143	2,704	3,470	3,941	4,209	4,267	4,367	4,355	4,363	4,292	4,316
Net broadcast revenues [1]	443	452	592	777	1,077	1,348	1,410	1,480	1,687	1,846	2,065
FM affiliates of AM stations	(NA)	(NA)	(NA)	(NA)	225	361	397	477	562	586	655
Net broadcast revenues	(NA)	(NA)	(NA)	(NA)	19	58	65	102	152	203	285
FM independent stations	86	38	218	338	464	616	678	703	713	741	777
Net broadcast revenues	1	1	6	16	41	96	128	143	180	225	285
TV stations	107	437	530	588	686	692	694	693	701	697	714
Net broadcast revenues [2]	106	745	1,269	1,965	2,808	3,465	3,781	4,094	5,199	5,889	6,950

NA Not available. [1] Prior to 1960, includes 4 national networks and 3 regional networks; 1960-1965, includes 4 national networks; thereafter, includes 7 national networks (CBS, MBS, NBC, and ABC's 3 AM and 1 FM).
[2] Includes 4 networks through Sept. 15, 1955; 3 thereafter.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual; *TV Broadcast Financial Data*, annual; and unpublished data.

No. 992. Television Broadcast Industry Finances: 1960 to 1978

[For commercial stations only. Includes Puerto Rico and Virgin Islands. See also headnote, table 991, and *Historical Statistics, Colonial Times to 1970*, series R 123-139]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Number of networks, Dec. 31	3	3	3	3	3	3	3	3	3
Stations reporting, Dec. 31	530	588	686	692	694	693	701	697	714
VHF	454	488	506	511	514	513	511	512	513
UHF	76	100	180	181	180	180	190	185	201
FINANCES (mil. dol.)									
Broadcast revenues, gross	1,504	2,328	3,337	4,107	4,479	4,860	6,191	7,000	8,266
Sales to advertisers	1,456	2,266	3,243	4,002	4,354	4,722	6,030	6,840	8,102
Network sales	747	1,142	1,551	1,840	2,005	2,157	2,675	3,242	3,726
National non-network sales	469	796	1,103	1,230	1,336	1,449	1,923	1,968	2,336
Local sales	240	328	589	932	1,012	1,116	1,432	1,631	2,040
Nonadvertising revenues	48	62	94	105	125	138	161	159	164
Broadcast revenues, net	1,269	1,965	2,808	3,465	3,781	4,094	5,198	5,889	6,950
3 networks [1]	641	1,024	1,457	1,758	1,921	2,069	2,604	3,085	3,549
Other stations	628	941	1,351	1,707	1,860	2,025	2,594	2,804	3,400
Broadcast expenses of networks and stations	1,025	1,517	2,354	2,811	3,043	3,314	3,948	4,488	5,297
3 networks [1]	546	862	1,290	1,470	1,590	1,755	2,150	2,530	2,989
Other stations	479	655	1,065	1,341	1,453	1,559	1,798	1,958	2,307
Broadcast income [2]	244	448	454	653	738	780	1,250	1,401	1,653
3 networks [1]	95	162	167	288	331	314	455	555	560
Other stations	149	286	286	365	406	466	796	846	1,094

[1] Includes owned and operated stations. [2] Before Federal income tax.

Source: U.S. Federal Communications Commission, *TV Broadcast Financial Data*, annual.

No. 993. Radio Broadcast Industry Finances: 1960 to 1978

[For commercial stations only. Includes Puerto Rico and Virgin Islands. Minus sign (−) denotes loss. See also headnote, table 991, and *Historical Statistics, Colonial Times to 1970*, series R 106-122]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Number of networks, Dec. 31	4	4	7	7	7	7	7	7	8
Number of stations reporting, Dec. 31	3,688	4,279	4,898	5,244	5,436	5,535	5,638	5,619	5,748
AM and AM-FM	3,470	3,941	4,209	4,267	4,361	4,355	4,363	4,292	4,316
FM independents	218	338	464	616	678	703	713	741	777
FM affiliates of AM stations [1]	(NA)	(NA)	225	361	397	477	562	586	655
FINANCES (mil. dol.)									
Broadcast revenues, gross	665	880	1,272	1,664	1,774	1,911	2,247	2,535	2,935
Revenues from sales to advertisers	654	868	1,257	1,647	1,756	1,890	2,226	2,513	2,911
Network sales	45	54	49	59	60	73	92	118	126
National non-network sales	208	261	355	382	387	416	495	521	592
Local sales	401	553	853	1,205	1,309	1,401	1,639	1,873	2,192
Nonadvertising revenues	11	12	15	17	18	21	21	22	24
Broadcast revenues, net	598	793	1,137	1,502	1,603	1,725	2,019	2,275	2,635
AM and AM-FM [2]	592	777	1,077	1,348	1,410	1,480	1,687	1,846	2,065
FM independents	6	16	41	96	128	143	180	225	285
FM affiliates of AM stations	(NA)	(NA)	19	58	65	102	152	203	285
Networks [3]	63	74	88	[4] 112	116	134	166	213	236
Other stations	535	719	1,049	[4] 1,398	1,487	1,591	1,853	2,062	2,399
Broadcast expenses of networks and stations	552	715	1,044	1,392	1,519	1,638	1,841	2,028	2,324
AM and AM-FM [2]	544	696	973	1,227	1,315	1,384	1,529	1,642	1,827
FM independents	8	19	47	106	141	152	176	216	262
FM affiliates of AM stations	(NA)	(NA)	24	58	63	98	136	171	235
Networks [3]	66	71	90	109	116	128	157	166	193
Other stations	486	644	955	1,283	1,403	1,510	1,684	1,862	2,131
Broadcast income [5]	46	78	93	110	84	91	179	246	311
AM and AM-FM [2]	48	81	104	121	95	95	158	204	237
FM independents	−2	−3	−6	−11	−13	−9	4	9	24
FM affiliates of AM stations	(NA)	(NA)	−5	−1	2	5	17	32	50
Networks [3]	−3	3	−1	3	-	6	9	47	44
Other stations	49	75	94	107	84	85	170	200	267

- Represents zero. NA Not available. [1] For 1960 and 1965, reports combined with AM stations. [2] Includes national networks. [3] Includes owned and operated stations. [4] Unrevised data; will not add to total. [5] Before Federal income tax.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual.

No. 994. Radio and Television Stations Owned by Newspapers and/or Magazines: 1961 to 1979

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1	412	147	161	1971, Feb. 1	402	248	191	1975, Dec. 1	320	238	197
1965, Oct. 31	391	170	174	1971, Dec. 1	318	209	176	1976, Dec. 1	322	238	209
1967, Nov. 1	383	181	177	1972, Dec. 1	325	171	178	1977, Dec. 1	314	238	211
1968, Dec. 4	381	191	183	1973, Dec. 1	304	211	179	1978, Dec. 1	319	252	221
1969, Dec. 1	394	245	189	1974, Dec. 1	321	236	193	1979, Dec. 1	318	257	226

Source: Broadcasting Publications Inc., Washington, D.C., *Broadcasting Yearbook*. (Copyright.)

No. 995. Broadcast Stations Sold—Number and Value: 1965 to 1979

[**Value figures in millions of dollars.** Includes a very small number of stations exchanged or donated to nonprofit organizations. Value figures represent total considerations reported for all transactions, except minority interest transfers in which control of the station did not change hands. All sales approved by the U.S. Federal Communications Commission]

ITEM	ANNUAL AVERAGE		1970	1972	1973	1974	1975	1976	1977	1978	1979
	1965–1969	1970–1974									
Number of stations sold: [1]											
Radio	346	300	268	239	352	369	363	413	344	586	546
Combined radio-TV [2]	20	3	6	–	4	5	–	2	–	6	52
TV	29	26	19	37	25	24	22	32	25	51	47
Value of sale transactions	165.4	275.6	174.8	271.3	230.3	307.8	259.5	290.9	289.9	651.7	1,116.6
Radio	74.5	131.2	86.3	114.4	160.9	169.0	131.1	180.7	161.2	331.6	335.6
Combined radio-TV	38.6	4.9	1.0	–	2.8	19.8	–	1.8	–	30.4	463.5
TV	52.3	139.5	87.5	156.9	66.6	119.0	128.4	108.5	128.7	289.7	317.5

– Represents zero. [1] Beginning 1978, AM-FM combination sales counted as two units, not one. [2] Estimated number of stations sold in deals involving both radio and TV.

Source: Broadcasting Publications, Inc., Washington, D.C., *Broadcasting Magazine*, weekly (copyright), and unpublished data.

No. 996. Commercial Broadcast Stations—States and Other Areas: 1970 and 1979

[Represents stations in operation as of **Jan. 1**]

STATE	1970			1979			STATE	1970			1979		
	AM	FM	TV	AM	FM	TV		AM	FM	TV	AM	FM	TV
Total	[1] 4,256	[1] 2,044	683	[1] 4,511	[1] 3,036	743	Mont	41	7	10	45	24	12
							Nebr	47	15	14	49	37	14
U.S.	**4,209**	**2,021**	**672**	**4,449**	**2,997**	**732**	Nev	20	8	7	22	12	8
Ala	134	51	15	140	74	17	N.H	25	10	3	28	15	2
Alaska	18	3	7	22	11	7	N.J	32	26	4	39	34	5
Ariz	59	15	11	61	31	13	N. Mex	55	19	7	57	29	9
Ark	84	35	7	90	54	9	N.Y	157	91	27	161	119	30
Calif	231	145	50	232	204	54	N.C	195	71	19	211	88	19
Colo	67	26	11	72	51	12							
Conn	38	20	5	39	25	5	N. Dak	27	11	12	26	10	11
Del	10	4	–	10	7	–	Ohio	116	108	29	123	128	24
							Okla	64	35	9	67	53	12
D.C	6	6	6	7	9	5	Oreg	80	17	12	80	35	12
Fla	191	88	24	199	115	31	Pa	169	109	23	177	124	27
Ga	169	57	15	186	90	19	R.I	15	7	2	15	7	2
Hawaii	25	4	10	26	7	10	S.C	101	37	11	108	56	11
Idaho	42	7	7	44	23	8	S. Dak	29	6	10	33	18	11
Ill	121	92	24	127	132	23	Tenn	139	61	16	158	80	19
Ind	83	72	17	86	95	20							
Iowa	73	35	12	76	75	13	Tex	285	122	55	289	197	58
Kans	57	24	12	59	45	12	Utah	31	10	3	35	20	4
							Vt	18	4	2	19	12	2
Ky	102	60	10	121	87	11	Va	123	53	12	137	72	16
La	90	41	15	95	64	15	Wash	96	39	13	92	47	14
Maine	36	13	7	37	33	7	W. Va	58	23	9	63	34	9
Md	52	31	5	50	37	6	Wis	97	74	17	102	92	17
Mass	62	38	11	66	39	12	Wyo	29	1	3	30	10	5
Mich	124	76	20	128	117	24							
Minn	83	39	12	93	69	12	**Other areas**	**47**	**23**	**11**	**61**	**39**	**11**
Miss	99	34	9	106	72	10	P. Rico	43	21	8	54	34	8
Mo	104	41	21	111	78	24	Guam, V. Is	4	2	3	7	5	3

– Represents zero. [1] AM-FM stations which filed combined reports with the FCC are counted both as AM and as FM stations. There were 1,416 such stations in 1970 and 1,512 in 1978 (no count available for 1979).

Source: U.S. Federal Communications Commission, 1970, *AM-FM Broadcast Financial Data*, annual and *TV Broadcast Financial Data*, annual; 1979, unpublished data.

No. 997. Households With Television Sets: 1950 to 1980

[Excludes Alaska and Hawaii. 1970–1979, as of **September** of prior year; all other years, as of **January** of year shown]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Total households	Mil	43.0	47.6	52.5	56.9	61.4	70.5	73.1	74.7	76.2	77.9
Households with TV sets	Mil	3.9	30.7	45.8	52.7	58.5	68.5	71.2	72.9	74.5	76.3
Percent of total	Percent	9.0	64.5	87.1	92.6	95.3	97.1	97.4	97.6	97.7	97.9
Average number of sets	Number	1.01	1.03	1.13	1.22	1.39	1.54	1.59	1.63	1.67	(NA)
Multiset households	Mil	(z)	.9	5.5	10.2	18.8	28.4	31.9	33.7	35.0	36.0
Color set households	Mil	-	(z)	.3	2.8	20.9	46.9	54.9	56.9	60.3	63.4
Average viewing per day [1]	Hours	4.6	4.9	5.1	5.5	5.9	6.1	6.2	6.3	6.3	6.3

- Represents zero. NA Not available. Z Less than 50,000. [1] Source: A. C. Nielsen Company, Northbrook, Ill. (copyright).

Source: Except as noted, 1950–1965, National Broadcasting Company, New York, N.Y.; thereafter, A. C. Nielsen Company, Northbrook, Ill. (copyright). In Television Bureau of Advertising, Inc., New York, "Trends in Television, 1950 To Date," April 1, 1980.

No. 998. Cable Television—Systems and Subscribers: 1952 to 1980

YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	SUBSCRIBER SIZE-GROUP [1]	Systems, 1979 [2]
1952	70	14	1972	2,841	6,000	50,000 and over	14
1955	400	150	1973	2,991	7,300	20,000–49,999	108
1960	640	650	1974	3,158	8,700	10,000–19,999	244
1965	1,325	1,275	1975	3,506	9,800	5,000–9,999	391
1967	1,770	2,100	1976	3,681	10,800	3,500–4,999	289
1968	2,000	2,800	1977	3,832	11,900	1,000–3,499	1,259
1969	2,260	3,600	1978	3,875	13,000	500–999	730
1970	2,490	4,500	1979	4,150	14,100	250–499	571
1971	2,639	5,300	1980	4,225	15,500	Less than 250	500

[1] Excludes 74 systems not available by subscriber size-group. [2] As of Oct. 15.

Source: Television Digest, Inc., Washington, D.C., *Television Factbook*, annual. (Copyright.)

No. 999. Cable Television—Selected Characteristics: 1975 to 1978

[For **fiscal year** ending in December of year shown, except as noted. Figures estimated based on financial entities reporting to the FCC. A financial entity is defined as one or more cable television community systems which report to the FCC as one business entity. Data adjusted for nonresponse]

ITEM	Unit	1975 [1]	1976	1977	1978	ITEM	Unit	1975 [1]	1976	1977	1978
Communities	Number	6,265	7,198	8,369	8,200	Total assets	Mil. dol	2,132	2,516	2,450	2,871
Financial entities	Number	2,443	2,349	2,577	2,865	Operating revenues	Mil. dol	895	1,000	1,206	1,511
Percent reporting	Percent	80	84	90	90	Operating expenses	Mil. dol	567	616	717	918
Subscribers	1,000	9,863	12,636	12,832	14,114	Operating income	Mil. dol	328	384	489	593
Avg. subscriber rate	Dol	6.21	6.49	6.85	7.03	Net income [2]	Mil. dol	27	58	134	137
						Pay cable revenue	Mil. dol	(NA)	41	86	192

NA Not available. [1] For fiscal years ending between Nov. 1, 1975 and Oct. 31, 1976. [2] Before tax.

Source: U.S. Federal Communications Commission, *Cable Television Revenues*, annual.

No. 1000. Public Television Stations: 1961 to 1978

[General programing is directed at the general community. Instructional programing is directed at students in the classroom or otherwise in the general context of formal education. 1978 preliminary]

ITEM	1961	1964	1966	1968	1970	1972	1974	1976	1978
Stations	56	88	115	[1] 153	[1] 190	220	[2] 238	[3] 253	272
Total weekly broadcast hours	**2,186**	**3,715**	**5,698**	[1] **8,534**	[1] **12,217**	**15,587**	**18,321**	**22,096**	**25,599**
General programs	1,431	1,992	3,248	4,671	7,697	7,904	10,868	14,329	17,507
Percent of total hours	65.5	54.0	57.5	54.7	63.0	50.7	59.3	64.8	68.4
Instructional programs	755	1,723	2,440	3,863	4,520	7,683	[4] 7,453	[5] 7,766	[5] 8,092
Avg. wkly. broadcast hours per station	**39.0**	**42.3**	**49.5**	**56.1**	**65.3**	**70.9**	**80.7**	**90.9**	**94.1**
General programing	25.6	22.6	28.2	30.7	41.1	36.0	47.9	59.0	64.1
Instructional programing	13.8	19.6	21.2	25.4	24.2	34.9	[6] 32.8	[5] 31.9	[5] 29.8

[1] 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. [2] Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. [3] Includes data for 243 stations only, representing 151 primary broadcasters. [4] Includes 3,766 hours of CTW (children's TV workshop) broadcasting, representing 20.6 percent of total weekly broadcasting hours. [5] Includes all material from CTW's. [6] Includes 16.6 hours of CTW broadcasting.

Source: Through 1970, National Instructional Television Center, Bloomington, Ind., *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, Washington, D.C., *One Week of Public TV, April 1972*; and unpublished data.

NO. 1001. PUBLIC BROADCASTING SYSTEMS—INCOME BY SOURCE: 1972 TO 1979

[In millions of dollars, except percent. Fiscal year data. Beginning 1976 includes nonbroadcast income]

INCOME SOURCE	1972	1973	1974	1975	1976	1977	1978	1979 [1]	PERCENT DISTRIBUTION		
									1972	1975	1979
Total income	**234.3**	**254.8**	**290.4**	**364.8**	**433.3**	**482.1**	**552.3**	**598.8**	**100.0**	**100.0**	**100.0**
Federal government	59.8	55.6	67.0	92.3	[2] 130.1	135.3	160.8	163.1	25.5	25.3	27.2
State and local government	107.7	127.3	139.1	156.6	175.9	191.3	218.2	241.0	46.0	42.9	40.3
Subscribers and auction	17.6	25.4	31.6	42.3	54.4	63.7	75.2	86.1	7.5	11.6	14.4
Business and industry	(–)	9.6	15.6	21.0	29.4	40.0	49.0	57.9	(–)	5.8	9.7
Foundations	25.1	20.2	18.4	28.7	23.0	22.6	17.2	20.4	10.7	7.8	3.4
Other	[3] 24.1	16.7	18.7	23.8	20.5	29.3	32.0	30.2	[3] 10.3	6.6	5.0

[1] Preliminary. [2] Includes transition quarter. [3] Business and industry included in other.

Source: Corporation for Public Broadcasting, Washington, D.C., unpublished data.

NO. 1002. RADIOS AND TELEVISION SETS—PRODUCTION AND IMPORTS, BY MODEL: 1960 TO 1979

[In thousands, except percent]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
RADIOS [1]											
Total	**24,463**	**41,726**	**44,427**	**55,311**	**50,198**	**43,992**	**34,515**	**44,101**	**52,926**	**48,035**	**40,029**
Percent FM/AM-FM	(NA)	15.2	48.0	49.2	47.9	59.4	65.0	59.6	65.9	66.7	68.6
Table model	4,511	4,370	5,714	4,926	3,023	2,764	2,253	2,876	1,990	1,805	1,250
Percent FM/AM-FM	16.8	32.0	72.8	77.0	83.6	81.7	80.6	66.4	54.5	61.3	72.5
Clock model	3,780	5,448	4,874	7,474	10,425	9,174	6,641	7,353	11,447	11,488	9,354
Percent FM/AM-FM	4.1	16.0	53.8	72.3	72.7	79.1	89.1	85.8	89.4	92.3	93.4
Portable model	9,740	21,871	23,461	29,749	24,204	21,292	16,382	21,427	26,599	22,074	17,044
Percent FM/AM-FM	1.4	15.7	55.9	50.1	42.9	61.9	68.4	55.4	61.4	59.0	63.7
Auto model	6,432	10,037	10,378	13,162	12,546	10,762	9,239	12,445	12,890	12,668	12,381
Percent FM/AM-FM	(NA)	6.3	13.8	23.7	28.3	31.8	37.7	49.7	56.0	57.7	56.1
TELEVISION SETS [2]											
Total	**5,708**	**11,028**	**9,483**	**13,507**	**17,367**	**15,279**	**10,637**	**14,131**	**15,431**	**17,407**	**16,619**
Monochrome sets	[3] 5,708	[3] 8,382	4,852	5,600	7,296	6,868	4,418	5,937	6,090	6,733	6,576
Table and portable	3,274	6,956	4,463	5,341	7,049	6,732	4,354	5,863	6,033	6,706	6,559
Console	2,211	1,318	389	259	247	136	64	74	57	27	17
Color sets [3]	(NA)	**2,646**	**4,631**	**7,907**	**10,071**	**8,411**	**6,219**	**8,194**	**9,341**	**10,674**	**10,043**
Table and portable	(NA)	(NA)	2,495	4,721	6,700	5,698	4,186	5,785	6,722	7,913	7,727
Console	(NA)	(NA)	2,018	3,106	3,313	2,674	2,008	2,377	2,591	2,739	2,295

– Represents zero. NA Not available. [1] Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1972, also includes products purchased by U.S. manufacturers. [2] Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1973, also includes products imported directly by distributors or dealers for resale. [3] Includes combinations, not shown separately.

Source: Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual. (Copyright.)

NO. 1003. PUBLISHING INDUSTRY—SUMMARY: 1967 TO 1977

[In millions of dollars, except as noted. Based on the censuses of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1967	1972	1977	1967	1972	1977	1967	1972	1977
Establishments, number	8,094	8,116	8,867	2,510	2,535	2,994	1,022	1,205	1,745
With 20 or more employees	2,029	2,120	2,147	454	453	525	287	307	346
Employees [1] (1,000)	336	349	349	79	67	70	52	57	60
Payroll	2,224	3,168	4,306	634	709	1,020	390	558	830
Value of receipts	5,757	8,263	13,056	3,096	3,511	6,057	2,135	2,857	4,794
Cost of materials	1,574	2,044	3,539	1,234	1,404	2,289	763	960	1,544
Value added by manufacture [2]	4,185	6,220	9,519	1,869	2,110	3,763	1,457	1,936	3,262
New capital expenditures	247	360	478	58	57	79	55	48	80
Fixed assets, gross value	2,627	3,639	(NA)	607	588	(NA)	338	512	(NA)
Inventories, yearend	163	153	382	165	198	350	573	629	992

NA Not available. [1] Represents the average number of production workers plus the number of other employees in mid-March. [2] Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, Industry Reports, series MC 77-I-27A.

No. 1004. Newspapers and Periodicals: 1950 to 1980

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232–243]

Frequency of publication	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Newspapers	**12,115**	**11,415**	**11,315**	**11,383**	**11,383**	**11,400**	**11,298**	[1] **11,089**	**10,538**	**9,827**	**9,620**
Semiweekly	337	324	324	357	423	506	511	550	569	543	537
Weekly	9,794	9,126	8,979	8,989	8,903	8,824	8,735	8,506	7,980	7,357	7,159
Daily	1,894	1,860	1,854	1,843	1,838	1,819	1,813	1,811	1,783	1,744	1,744
Other	90	105	158	194	219	251	239	225	206	183	180
Periodicals	**6,960**	**7,648**	**8,422**	**8,990**	**9,573**	**9,657**	**9,872**	**9,732**	**9,582**	**9,719**	**10,236**
Weekly	1,443	1,602	1,580	1,716	1,856	1,918	1,915	1,882	1,827	1,764	1,716
Semimonthly [2]	416	503	527	550	589	537	557	548	541	594	645
Monthly	3,694	3,782	4,113	4,195	4,314	4,087	4,144	4,019	3,846	3,850	3,985
Bimonthly	436	608	743	876	957	1,009	1,058	1,045	1,031	1,043	1,114
Quarterly	604	674	895	1,030	1,108	1,093	1,161	1,149	1,172	1,261	1,444
Other	367	479	564	623	749	1,013	1,037	1,089	1,165	1,207	1,332

[1] Due to processing errors, detail will not add to total. [2] Includes fortnightly (every two weeks).

Source: Ayer Press, Bala Cynwyd, Pa., *Ayer Directory Publications*, annual. (Copyright.)

No. 1005. Daily and Sunday Newspapers—Number and Circulation, 1950 to 1979, and by Circulation Size-Group: 1970 to 1979

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: **1950–1960, Oct. 1; 1965, Jan. 1; 1970–1979, Feb. 1** of the following year. Circulation figures as of **Sept. 30** except, **1950–1965** as of **Oct. 1**. For English language newspapers only]

Circulation size-group	Number of newspapers				Circulation (mil.)				Percent of all newspapers			
	Daily			Sunday	Daily			Sunday	Number		Circulation [2]	
	Total [1]	Morning	Evening		Total [1]	Morning	Evening		Total daily	Sunday	Total daily	Sunday
1950	1,772	322	1,450	549	53.8	21.3	32.6	46.6	(x)	(x)	(x)	(x)
1955	1,760	316	1,454	541	56.1	22.2	34.0	46.4	(x)	(x)	(x)	(x)
1960	1,763	312	1,459	563	58.9	24.0	34.9	47.7	(x)	(x)	(x)	(x)
1965	1,751	320	1,444	562	60.4	24.1	36.3	48.6	(x)	(x)	(x)	(x)
1970, total	**1,748**	**334**	**1,429**	**586**	**62.1**	**25.9**	**36.2**	**49.2**	(x)	(x)	(x)	(x)
500,001 and over	11	7	4	17	8.8	6.4	2.4	15.1	.6	2.9	14.1	30.6
250,001–500,000	27	11	16	34	9.5	4.2	5.4	11.7	1.5	5.8	15.3	23.7
100,001–250,000	92	45	47	62	14.7	7.6	7.1	9.8	5.3	10.6	23.6	19.9
50,001–100,000	127	57	70	82	8.4	3.7	4.7	5.7	7.3	14.0	13.5	11.5
25,001–50,000	243	69	179	104	8.6	2.4	6.2	3.8	13.9	17.7	13.8	7.7
10,001–25,000	489	76	422	146	7.9	1.2	6.6	2.4	28.0	24.9	12.6	4.8
10,000 or less	759	69	691	141	4.3	.4	3.9	.8	43.4	24.1	7.0	1.7
1975, total	**1,756**	**339**	**1,436**	**639**	**60.7**	**25.5**	**35.2**	**51.1**	**100.0**	**100.0**	**100.0**	**100.0**
500,001 and over	10	7	3	15	7.7	6.0	1.7	13.5	.6	2.3	12.7	26.5
250,001–500,000	26	14	13	34	9.1	4.8	4.3	11.7	1.5	5.3	15.1	22.8
100,001–250,000	81	40	41	65	12.8	6.5	6.4	10.6	4.6	10.2	21.2	20.7
50,001–100,000	135	62	75	89	9.1	4.0	5.1	6.2	7.7	13.9	14.9	12.2
25,001–50,000	259	70	196	132	9.2	2.5	6.7	5.5	14.7	20.7	15.2	10.7
10,001–25,000	511	77	441	167	8.3	1.3	7.0	2.8	29.1	26.1	13.8	5.4
10,000 or less	734	69	667	137	4.4	.4	4.0	.9	41.8	21.4	7.2	1.7
1978, total	**1,756**	**355**	**1,419**	**696**	**62.0**	**27.7**	**34.3**	**54.0**	**100.0**	**100.0**	**100.0**	**100.0**
500,001 and over	10	8	3	19	8.2	6.5	1.6	16.3	.6	2.7	13.2	30.2
250,001–500,000	26	14	12	29	8.8	4.9	3.9	9.8	1.5	4.2	14.3	18.1
100,001–250,000	90	48	45	71	13.8	7.5	6.3	11.7	5.1	10.2	22.2	21.7
50,001–100,000	142	71	77	98	9.3	4.5	4.7	6.9	8.1	14.1	15.0	12.8
25,001–50,000	271	75	202	146	9.5	2.6	6.9	5.3	15.4	21.0	15.3	9.8
10,001–25,000	519	66	455	191	8.2	1.1	7.1	3.1	29.6	27.4	13.2	5.7
10,000 or less	698	73	625	142	4.2	.5	3.8	.9	39.7	20.4	6.8	1.7
1979, total	**1,763**	**382**	**1,405**	**720**	**62.2**	**28.6**	**33.6**	**54.4**	**100.0**	**100.0**	**100.0**	**100.0**
500,001 and over	11	9	3	19	9.5	7.8	1.7	15.8	.6	2.6	15.2	29.1
250,001–500,000	24	12	14	31	8.0	3.8	4.2	10.4	1.4	4.3	12.8	19.1
100,001–250,000	88	49	43	72	13.3	7.6	5.7	11.6	5.0	10.0	21.5	21.4
50,001–100,000	142	72	77	99	9.3	4.6	4.7	6.9	8.1	13.8	15.0	12.7
25,001–50,000	276	83	200	148	9.7	2.9	6.8	5.5	15.7	20.6	15.5	10.0
10,001–25,000	526	80	449	198	8.2	1.3	6.9	3.2	29.8	27.5	13.3	5.9
10,000 or less	696	77	619	153	4.2	.5	3.7	1.0	39.5	21.3	6.7	1.8

X Not applicable. [1] All-day newspapers are counted in both morning and evening columns in their size-group but only once in total. Circulation is divided equally between morning and evening. [2] Percents calculated on gross totals.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual (copyright).

No. 1006. Daily and Sunday Newspapers—Number and Circulation, 1970 to 1979, and by States, 1979

[Number of newspapers as of **Feb. 1** of the following year, *except* 1977, as of **Mar. 30** of the following year. Circulation figures as of **Sept. 30.** For English language newspapers only. See also *Historical Statistics, Colonial Times to 1970*, series R 224-231]

Year and state	Daily			Sunday		Year and state	Daily			Sunday	
	Number	Circulation		Number	Net paid circulation (1,000)		Number	Circulation		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita [1]					Net paid (1,000)	Per capita [1]		
1970	1,748	62,108	.416	586	49,217	Mass	48	2,036	.435	9	1,514
1972	1,761	62,510	.401	603	49,339	Mich	52	2,458	.342	17	2,363
1973	1,774	63,147	.399	634	51,717	Minn	30	1,042	.325	11	1,026
1974	1,768	61,877	.384	641	51,679	Miss	25	403	.221	13	325
1975	1,756	60,655	.370	639	51,096	Mo	52	1,639	.422	18	1,160
1976	1,762	60,977	.367	650	51,565						
1977	1,753	61,495	.364	668	52,429	Mont	11	196	.320	8	197
1978	1,756	61,990	.362	696	53,990	Nebr	19	492	.395	5	391
						Nev	9	204	.372	5	202
1979	**1,763**	**62,223**	**.358**	**720**	**54,380**	N.H	9	194	.276	2	75
						N.J	28	1,729	.294	15	1,487
Ala	27	747	.253	20	686						
Alaska	8	103	.349	1	54	N. Mex	20	267	.285	13	246
Ariz	19	601	.320	6	543	N.Y	79	7,688	.542	35	6,119
Ark	33	482	.283	15	467	N.C	53	1,363	.310	23	1,112
Calif	122	5,935	.328	48	5,551	N. Dak	10	197	.383	3	107
						Ohio	96	3,337	.395	28	2,544
Colo	28	880	.405	9	888						
Conn	25	923	.365	7	678	Okla	55	879	.385	46	886
Del	3	159	.346	2	135	Oreg	22	685	.342	5	587
D.C	2	922	1.740	2	1,123	Pa	104	3,912	.413	16	3,046
Fla	52	2,551	.353	34	2,640	R.I	7	315	.419	2	236
Ga	36	1,046	.265	17	1,025	S.C	20	598	.265	8	484
Hawaii	5	239	.338	2	218	S. Dak	13	173	.322	4	124
Idaho	15	208	.306	6	172	Tenn	32	1,109	.321	16	1,025
Ill	86	2,885	.327	22	2,823	Tex	119	3,399	.331	94	3,838
Ind	78	1,640	.389	18	1,188	Utah	6	273	.284	5	277
Iowa	41	894	.388	9	749	Vt	8	115	.297	3	73
Kans	50	633	.335	17	477	Va	33	1,087	.262	13	839
Ky	27	767	.279	11	607	Wash	26	1,180	.379	16	1,113
La	27	852	.279	15	807	W. Va	25	475	.322	9	402
Maine	9	287	.332	1	117	Wis	37	1,243	.332	9	911
Md	13	687	.207	4	663	Wyo	10	93	.270	3	60

[1] Persons 14 years old and over. Per capita based on total resident population enumerated as of April 1, 1970, and *estimated as of July 1 for* other years.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual. (Copyright.)

No. 1007. Newsprint Consumption and Newspaper Pages: 1960 to 1979

[Consumption data based on a 30-lb. weight. In 1974, a number of newsprint producers reduced the basic weight of newsprint from 32 pounds, for 500 sheets measuring 24" by 36", to 30 pounds. Data prior to 1974 have been adjusted for comparability. See *table 1305 for* additional newsprint data. See also *Historical Statistics, Colonial Times to 1970*, series R 218-223]

Item	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Newsprint consumption, total [1]	Mil. sh. tons	**7.0**	**8.0**	**9.1**	**10.3**	**9.3**	**9.6**	**10.2**	**10.9**	[2] **11.2**
Per capita [3]	Pound	77.4	82.8	89.5	97.3	86.9	89.5	94.5	99.7	102.1
By newspapers [4]	Mil. sh. tons	6.5	7.4	8.5	9.6	8.6	8.9	9.5	10.2	10.5
Advertising content [5]	Percent	59.4	60.5	61.5	65.6	63.7	63.5	[7] 63.1	[7] 63.4	[7] 63.7
Other content [5]	Percent	40.6	39.5	38.5	34.4	36.3	36.5	[7] 36.9	[7] 36.6	[7] 36.3
Price per ton [6]	Dollar	135	135	152	234	260	285	305	320	375
Newspaper pages per issue: [7]										
Daily	Number	43	50	47	60	57	55	54	[5] 60	[5] 64
Sunday	Number	142	167	145	188	180	177	177	[5] 196	[5] 207

[1] Estimated. [2] Preliminary. [3] Based on U.S. Bureau of the Census estimated resident population as of July 1. [4] Estimated. Source: Bureau of Industrial Economics, unpublished data. [5] Based on data from Media Records, Inc. [6] *Prices in the eastern* U.S. [7] Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher*, weekly (copyright).

Source: Except as noted, American Newspaper Publishers Association, Reston, Va., *Newsprint Statistics*, annual.

No. 1008. Newspapers and Periodicals—Circulation and Receipts: 1967 to 1977

[**Receipts in millions of dollars.** See also *Historical Statistics, Colonial Times to 1970*, series R 244-257]

Type of publication	1967			1972			1977		
	Circulation per issue [1] (1,000)	Receipts		Circulation per issue [1] (1,000)	Receipts		Circulation per issue [1] (1,000)	Receipts	
		Total	Advertising		Total	Advertising		Total	Advertising
Newspapers, total [2]	(NA)	[3] **5,550**	**3,896**	(NA)	[3] **7,908**	**5,600**	(NA)	**12,468**	**8,875**
Daily and Sunday	(NA)	[3] 4,962	[3] 3,653	(NA)	[3] 6,961	[3] 5,214	(NA)	[3]10,702	[3] 8,141
Morning [4]	3,442	206	135	3,770	280	184	4,447	430	281
Evening [4]	14,446	909	684	12,917	1,021	748	12,171	1,260	933
Morning and Sunday	31,623	1,301	951	31,726	1,806	1,341	31,614	2,700	2,021
Evening and Sunday	31,552	1,055	780	30,357	1,641	1,254	31,321	2,551	1,975
Morning and evening [4]	651	41	31	765	63	45	549	59	44
Morning, evening, and Sunday	36,942	1,443	1,065	37,406	2,138	1,634	41,359	3,665	2,861
Weekly and other	(NA)	321	243	(NA)	493	386	(NA)	975	735
Weekly [5]	([6])	248	182	([6])	377	291	39,007	677	480
Periodicals, total	(NA)	[3] **2,668**	**1,547**	(NA)	[3] **3,197**	**1,693**	(NA)	[3] **5,529**	(NA)
Farm	12,115	57	46	13,103	76	62	(NA)	107	(NA)
General	10,219	41	32	11,092	49	38	(S)	61	(NA)
Specialized	1,896	16	14	2,011	27	23	(S)	44	(NA)
Specialized	(NA)	[3] 675	[3] 525	(NA)	[3] 910	[3] 648	(S)	1,301	850
Industrial, engineering, technical	[7] 12,952	353	308	17,609	359	280			
Merchandising	(NA)	145	121	(S)	297	215	(S)	1,301	850
Profess'nal, instit'nal, service	[7] 8,303	159	87	11,924	250	152			
General [8]	(NA)	1,473	880	(NA)	1,729	896	(S)	3,376	1,596
Comics	15,178	9	(Z)	(S)	(D)	(D)	(S)	35	2
Women and home services	74,541	362	245	(S)	488	295	367,212	869	487
General entertainment	136,567	847	457	(S)	855	374	152,642	1,650	708
General news	9,652	204	146	19,605	323	212	15,433	554	294
Business news	1,409	40	25	1,489	33	12	2,016	(D)	(D)
Other	[7] 127,215	284	97	(S)	282	88	(S)	269	(D)

D Withheld to avoid disclosing figures for individual companies. NA Not available. S Does not meet publication standards. Z Less than $500,000. [1] Includes paid, free bulk, etc. "Issue" defined as the sum of all editions published on a given day. Figures are totals of average circulation per issue. [2] Includes foreign language newspapers. [3] Includes types or amounts not specified by kind. [4] No Sunday editions. [5] Includes those issued on Sunday only. [6] Not shown because not reported by many small newspapers. [7] Partially estimated. [8] Includes types not specified.

Source: U.S. Bureau of the Census, *Census of Manufactures: 1967*, vol. II, part 2; *Census of Manufactures: 1972*, Bulletin No. MC 72(2)-27A, and *Census of Manufactures: 1977*, series MC 77 (1)-27A.

No. 1009. Newspapers, Periodicals, Book Publishing and Printing—Number of Companies, and Share of Total Shipments by Largest Firms: 1947 to 1972

[Prior to 1967, excludes Alaska and Hawaii. Largest companies are ranked by value added by manufacture]

Item	Newspapers					Periodicals				
	1947	1958	1963	1967	1972	1947	1958	1963	1967	1972
Number of companies (1,000)	8.1	7.9	8.0	7.6	7.5	2.1	2.2	2.6	2.4	2.5
Value of shipments (bil. dol.)	1.9	3.6	4.5	5.8	8.3	1.1	1.7	2.3	3.1	3.5
Percent accounted for by:										
4 largest companies	21	17	15	16	17	34	31	28	24	26
8 largest companies	26	24	22	25	28	43	41	42	37	38
20 largest companies	36	35	36	40	43	58	55	59	56	54
50 largest companies	(NA)	51	52	56	60	(NA)	69	73	72	69
	Book publishing					Book printing				
Number of companies (1,000)	.6	.9	.9	1.0	1.1	(NA)	.8	.7	.7	.7
Value of shipments (bil. dol.)	.5	1.0	1.5	2.1	2.9	.1	.4	.5	.8	.9
Percent accounted for by:										
4 largest companies	18	16	20	20	19	(NA)	24	19	21	24
8 largest companies	29	29	33	32	31	(NA)	34	30	30	36
20 largest companies	48	48	56	57	56	(NA)	51	48	48	53
50 largest companies	(NA)	69	76	77	77	(NA)	68	66	64	68

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972*, special report, *Concentration Ratios in Manufacturing*, MC 72 (SR)-2.

No. 1010. Copyright Registration, by Subject Matter: 1960 to 1979

[**In thousands.** For years ending **June 30** except beginning 1977, ending **Sept. 30.** Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970,* series W 82–95]

Subject matter of copyright	1960	1970	1975	1977	Subject matter of copyright	1978 [2]	1979
Total	**243.9**	**316.5**	**401.3**	**452.7**	**Total** [3]	**415.7**	**429.0**
Books	60.0	88.4	111.9	122.1	Monographs	112.9	122.8
Periodicals (issues)	64.2	83.9	95.1	106.5	Serials	110.9	109.6
Contributions to newspapers, periodicals	3.3	1.9	2.6	3.4	Musical works	114.8	108.3
Lectures, sermons, addresses	.8	1.7	1.9	2.0	Dramatic works, including any accompanying music	6.1	7.1
Dramatic or dramatico-musical compositions	2.4	3.4	4.9	5.5	Choreography and pantomimes	(Z)	(Z)
Musical compositions	65.6	88.9	114.8	131.2	Motion pictures and filmstrips	8.5	5.7
Maps	1.8	1.9	1.8	1.8	*Two dimensional works of fine and graphic art, including,*		
Works of art, models, or designs	5.3	6.8	11.0	13.7	prints and art reproductions	12.8	12.7
Reproductions of works of art	2.5	3.0	5.0	4.4	Sculptural works	.8	2.4
Scientific or technical drawings	.8	.8	.9	1.4	Technical drawings and models	1.0	1.5
Photographs, prints, and illustrations	4.2	4.5	6.6	8.9	Photographs	1.4	1.2
Commercial prints and labels	8.1	5.3	4.7	5.0	Cartographic works	1.2	1.7
Motion picture photoplays	2.8	1.2	1.0	2.6	Commercial prints and labels	7.8	2.6
Motion pictures not photoplays	.7	1.3	2.0	2.6	Works of applied art	6.1	13.2
Sound recordings [1]	(X)	(X)	8.9	10.6	*Sound recordings*	9.1	10.7
Renewals of all classes	21.4	23.3	28.2	31.0	Multimedia works	.6	1.3
					Machine readable works	.6	1.2
					Renewals	21.2	27.0

X Not applicable. Z Less than 50. [1] Registrations began in 1972. [2] Extrapolated from 11 months. Includes 50,000 registrations in-process but not completed on Sept. 30, 1978. [3] Due to a change in the copyright law, data for 1978 and later years are not comparable with previous years.

Source: The Library of Congress, *Annual Report.*

No. 1011. Quantity of Books Sold and Value of U.S. Domestic Consumer Expenditures, by Type of Publication and by Market Area: 1974 to 1978

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. *Multi-volume sets,* such as encyclopedias, are counted as one unit]

Item	Units sold (millions)					Consumer expenditures (mil. dol.)				
	1974	1975	1976	1977	1978	1974	1975	1976	1977	1978
Total	**1,409.4**	**1,394.8**	**1,391.8**	**1,514.0**	**1,593.6**	**4,011.5**	**4,496.7**	**5,022.7**	**5,728.9**	**6,536.7**
TYPE OF PUBLICATION										
Trade	264.2	241.4	251.8	277.2	312.4	885.2	958.7	1,039.1	1,227.8	1,440.7
Adult	174.7	164.5	173.4	191.8	213.6	707.2	763.8	841.1	1,010.9	1,194.2
Hardbound	85.6	87.9	95.7	107.8	123.3	536.7	552.3	612.7	736.8	865.5
Juvenile	89.5	76.9	78.4	85.4	98.8	178.0	194.9	198.0	216.9	246.5
Hardbound	52.9	50.8	45.1	47.5	50.4	154.1	166.8	164.9	174.9	185.1
Religious	67.0	80.8	92.3	106.0	111.7	224.4	290.1	340.8	398.5	425.0
Hardbound	29.6	34.8	38.9	43.5	43.6	170.3	214.0	241.4	279.0	294.5
Professional	47.2	44.0	47.3	50.2	50.4	447.8	493.4	566.3	647.9	776.8
Hardbound	24.6	23.8	25.7	27.8	28.0	339.8	379.7	441.6	511.1	614.6
Bookclubs	193.1	187.5	205.6	210.9	230.3	280.1	311.3	358.9	394.1	451.7
Hardbound	58.1	56.4	59.2	57.0	60.0	209.9	235.3	265.2	284.8	324.0
University Press	8.1	7.8	8.2	7.4	8.0	47.6	52.5	56.9	59.1	66.5
Hardbound	4.0	3.8	3.6	3.5	3.6	38.1	41.3	44.1	44.0	49.1
Elhi text [1]	268.3	254.4	239.3	244.9	248.6	603.5	656.0	654.6	731.5	807.6
Hardbound	107.7	102.1	84.9	90.9	90.7	340.0	379.4	352.3	400.6	434.9
College text [1]	84.1	84.3	84.3	84.2	88.7	508.0	610.2	669.4	723.7	829.6
Hardbound	57.0	58.5	58.3	54.7	56.3	400.9	486.4	533.9	554.9	632.4
Mail order publications	30.1	32.9	39.8	40.1	43.5	258.9	297.2	379.4	405.7	453.0
Mass market paperbacks	446.0	460.8	422.2	492.2	499.0	493.7	587.5	690.2	859.3	959.3
Subscription reference	1.2	1.0	1.1	1.0	1.1	262.3	239.8	267.1	281.3	326.5
MARKET AREA										
General retailers	491.4	497.0	516.0	594.8	641.0	1,167.0	1,355.7	1,568.7	1,867.2	2,162.7
College stores	183.4	176.5	178.8	194.1	197.3	695.7	812.3	911.2	1,048.6	1,196.2
Libraries and institutions	72.4	72.8	74.8	78.9	83.7	332.7	385.9	429.5	480.8	550.4
Schools	346.2	329.9	299.2	315.6	320.4	775.6	827.8	834.3	939.6	1,038.1
Direct to consumers	266.5	258.3	287.0	299.2	317.2	975.1	1,023.0	1,208.8	1,312.5	1,495.8
Other	49.5	60.3	36.0	31.3	34.1	65.1	92.2	70.0	80.4	93.6

[1] *Workbooks, manuals, reprints,* and objective tests included in paperbound.

Source: Book Industry Study Group, Inc., *Book Industry Trends,* 1979. (Copyright.)

No. 1012. New Books and New Editions Published, by Subject: 1960 to 1979

[Prior to 1977, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1977, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (published with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. 1960 data not strictly comparable with later years due to changes in classifications. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	1960	1965	1970	1975	1977	1978	1979		
							Total	New books	New editions
Total	**15,012**	**28,595**	**36,071**	**39,372**	**42,780**	**41,216**	**45,182**	**36,112**	**9,070**
Agriculture	156	270	265	456	594	552	538	432	106
Art	470	974	1,169	1,561	1,795	1,483	2,021	1,718	303
Biography	879	685	1,536	1,968	2,104	1,891	2,042	1,557	485
Business	305	537	797	820	1,077	1,248	1,362	1,057	305
Education	348	954	1,178	1,038	1,194	1,063	1,121	952	169
Fiction	2,440	3,241	3,137	3,805	3,681	3,693	3,264	2,313	951
General reference	282	634	846	1,113	1,448	1,310	1,471	1,248	223
History	865	1,682	1,995	1,823	2,022	2,016	2,160	1,546	614
Home economics	197	300	321	728	795	845	897	767	130
Juvenile	1,725	2,895	2,640	2,292	2,918	2,909	3,052	2,704	348
Language	228	527	472	438	556	458	560	435	125
Law	394	436	604	915	948	1,065	1,218	873	345
Literature	736	1,686	3,085	1,904	1,866	1,800	1,749	1,298	451
Medicine	520	1,218	1,476	2,282	2,833	2,788	3,257	2,609	648
Music	98	300	404	305	373	439	389	219	170
Philosophy, psychology	480	979	1,280	1,374	1,372	1,367	1,377	1,082	295
Poetry, drama	492	994	1,474	1,501	1,437	1,297	1,361	1,084	277
Religion	1,104	1,855	1,788	1,778	2,121	2,180	2,325	1,861	464
Science	1,089	2,562	2,358	2,942	3,015	2,877	3,156	2,563	593
Sociology, economics	754	3,242	5,912	6,590	6,814	6,465	7,715	6,422	1,293
Sports, recreation	286	591	799	1,225	1,119	1,160	1,122	931	191
Technology	698	1,153	1,141	1,720	2,218	1,896	2,391	1,922	469
Travel	466	883	1,394	794	480	414	634	519	115

No. 1013. Books and Periodicals—Average Retail Prices: 1970 to 1980

[See headnote, table 1012]

SUBJECT	BOOKS (per vol.)				SUBJECT	PERIODICALS [5]			
	1970	1975	1978	1979		1970	1975	1979	1980
Hard cover books [1]	**$11.66**	**$16.19**	**$19.30**	**$23.96**	**Total**	**$10.41**	**$19.94**	**$30.37**	**$34.54**
Agriculture	10.42	13.72	17.24	20.94	Agriculture	5.17	9.70	14.16	15.24
Art	16.16	17.90	21.11	21.95	Business and economics	9.03	15.26	22.97	25.42
Biography	11.49	14.09	15.76	17.52	Chemistry and physics	33.45	76.84	118.33	137.45
Business	12.45	16.54	19.27	23.11	Children's periodicals	2.65	4.69	6.70	7.85
Economics [2]	12.38	21.65	29.66	43.57	Education	7.09	14.72	21.61	23.45
Education	10.75	10.81	13.86	15.10	Engineering	12.07	26.64	42.95	49.15
Fiction	5.51	8.31	11.27	11.99	Fine and applied arts	7.50	11.09	17.42	18.67
General reference	(NA)	21.60	25.51	28.56	History	6.90	11.14	14.67	15.77
History	14.75	15.85	17.20	19.79	Home economics	7.56	14.24	23.21	24.63
Home economics	7.30	10.27	11.27	11.95	Industrial arts	7.59	10.59	17.65	20.70
Juveniles	4.05	5.82	6.58	7.14	Journalism, communications	6.36	14.70	23.86	27.34
Language	(NA)	15.80	16.67	18.25	Labor and industrial relations	3.59	7.40	15.74	18.84
Law	16.41	23.22	24.26	29.44	Law	9.84	15.00	20.98	23.00
Literature	11.05	14.89	17.98	17.64	Library science	7.88	14.18	20.82	23.25
Medicine	18.05	22.15	25.01	29.27	Literature and languages	6.15	10.41	13.84	15.30
Music	11.44	14.83	24.68	18.93	Mathematics, botany, geology, and general science	18.11	35.95	58.84	67.54
Philosophy, psych	10.72	12.75	14.75	17.98	Medicine	23.44	42.38	69.31	73.37
Poetry and drama	9.35	10.76	14.86	15.83	Philosophy and religion	5.84	9.05	13.25	14.73
Religion	8.51	11.16	13.04	14.83	Physical ed. and recreation	5.34	7.80	12.27	13.83
Science	14.95	22.81	26.20	30.59	Political science	6.72	12.79	17.47	19.30
Sports [3]	9.96	10.97	12.96	13.88	Psychology	17.12	27.51	38.10	41.95
Technology	14.91	19.66	22.64	27.82	Sociology and anthropology	7.31	14.85	23.70	27.56
Travel	(NA)	15.43	17.12	15.02	Zoology	16.86	27.37	40.15	44.58
Paperbacks:					General interest periodicals	8.47	14.36	18.28	19.87
Mass market [4]	.95	1.46	1.90	2.08					
Trade or higher	4.81	5.24	6.31	7.21					

NA Not available. [1] Excludes publications of U.S., and other governmental units; books sold only by subscription and dissertations. [2] Includes sociology. [3] Includes recreation. [4] "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. [5] Average annual subscription prices.

Source of tables 1012 and 1013: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly;* periodicals, *Bowker Annual of Library and Book Trade Information,* and *Library Journal,* July 1980. (Copyright by Xerox Corporation.)

No. 1014. Books and Pamphlets—Quantity Sold and Receipts: 1967 to 1977

[Includes copies sold and dollar receipts reported by establishments classified in the "Books, publishing and printing" industry and by establishments reporting these receipts as "secondary" activities in other industries]

Type of publication	Copies sold (mil.)			Receipts (mil. dol.)		
	1967	1972	1977	1967	1972	1977
Total	(NA)	(NA)	(NA)	2,255.3	2,915.4	5,007.7
All books	(NA)	(NA)	(NA)	2,081.2	2,711.2	4,640.5
Textbooks	(NA)	(NA)	(NA)	[1] 733.6	[1] 809.6	[1] 1,408.7
Elementary, grades 1-8: Hardbound	85.1	65.8	65.0	180.6	162.4	252.5
Paperbound	30.0	44.5	45.0	24.3	57.5	97.0
High school, grades 9-12: Hardbound	36.3	40.5	33.5	122.7	132.4	180.1
Paperbound	11.6	7.3	9.8	14.9	12.8	28.4
College, grades 13 and over: [2] Hardbound	41.2	57.1	57.2	226.6	277.3	465.9
Paperbound	16.7	(S)	23.6	32.7	45.1	113.1
Workbooks, paperbound	124.3	97.1	(S)	88.6	88.7	220.8
Standardized tests, paperbound [3]	188.0	24.1	(S)	28.5	14.2	27.1
General reference books	(NA)	(NA)	(NA)	(NA)	235.3	305.4
Subscription [4]	33.1	(S)	(S)	216.3	198.5	225.8
Technical, scientific, and professional books	(NA)	(NA)	(NA)	[1] 240.2	[1] 403.0	[1] 684.1
Law, designed for the profession	8.4	28.2	16.0	74.0	146.9	266.8
Medical, designed for the profession [5]	8.5	(S)	11.2	41.0	59.1	140.5
Business, nonfiction, for adults	3.7	5.3	4.7	20.1	42.0	34.0
Religious books, total [6]	(NA)	(NA)	(NA)	[1] 110.4	[1] 131.2	[1] 236.3
Bibles, complete editions; testaments	10.5	29.3	19.4	36.7	52.6	82.8
Hymnals and devotionals [7]	7.8	6.6	9.2	15.4	9.0	21.0
Other: [8 9] Hardbound	14.7	18.3	22.8	29.7	30.0	68.9
Paperbound	24.1	39.7	48.3	15.7	28.3	52.2
General books, trade, etc	(NA)	(NA)	(NA)	[1] 657.7	[1] 1,006.7	[1] 1,895.6
Book club books [6]	147.2	112.2	146.8	201.5	131.3	343.3
Wholesale paperbound books, digest size	201.1	159.8	566.7	67.7	90.3	460.1
Adult trade books: [8 10] Hardbound	52.7	(S)	91.3	148.9	232.1	382.6
Paperbound	148.6	385.8	75.1	82.7	220.5	144.2
Juvenile: [8 10] *$1.00 and over retail*	65.3	63.8	114.6	107.5	88.2	161.2
Under $1.00 retail	144.3	(D)		35.1	(D)	
Other books, excluding pamphlets	(NA)	(NA)	(NA)	(NA)	125.4	110.4
Pamphlets	(S)	(NA)	(NA)	(S)	48.7	[1] 49.1
Religious	69.9	(NA)	191.0	2.1	(NA)	44.6
Other	(S)	(NA)		(S)	(NA)	
Books and pamphlets, not specified	(NA)	(NA)	(NA)	97.0	155.5	318.1

D Withheld to avoid disclosing figures for individual companies. NA Not available. S Does not meet publication standards. [1] Includes receipts not specified by kind, as follows (in millions of dollars): Textbooks, 1967, 14.7; 1972, 19.2; and 1977, 23.8; general reference, 1972, 36.8; 1977, 79.6; technical, scientific, and professional, 1967, 105.1; 1972, 155.0; and 1977, 242.8; religions, 1967, 12.9; 1972, 11.3; and 1977, 11.4; general, 1967, 14.3; 1972, withheld; and 1977, 404.2; pamphlets, 1977, 4.5 [2] Includes private business and secretarial school, post-high vocational schools, institutes, and training courses of college grade. [3] Objective tests, manuals, etc.; includes answer sheets. [4] Represents books *sold direct to the consumer through agents or distributors, usually* on installment plan of payment. Includes multivolume encyclopedias, children's literature, biblical sets, etc. Copies sold represent number of volumes rather than sets. [5] Includes nursing and dental subjects. [6] Hardbound and paperbound. [7] Includes missals and prayer books. [8] Fiction and nonfiction. [9] For adults and juveniles. [10] Sold primarily through booksellers or book dealers (retail *and wholesale) at trade discounts. Juvenile* books represent hardbound and paperbound books, excluding toy books.

Source: U.S. Bureau of the Census, *Census of Manufactures: 1967,* vol. II, part 2; 1972, MC 72(2)-27A; and 1977, MC 77(1)-27A.

No. 1015. Books—Imports and Translations into English: 1977 to 1979

[Data on 18 month basis. See headnote, table 1012. Imports cover all books printed abroad and distributed in U.S. on *exclusive* basis]

Subject	Imports			Subject	Imports			Language	Translations		
	1977	1978	1979		1977	1978	1979		1977	1978	1979
Imports, total	*4,663*	*3,870*	*5,458*	Imports—Con.				**Translations, total**	1,689	1,345	1,660
Agriculture	97	77	117	Law	68	57	91				
Art	137	137	230	Literature	185	141	194				
Biography	*133*	*130*	*173*	Medicine	462	446	540	French	397	286	315
Business	88	51	79	*Music*	24	17	34	German	312	237	300
Education	131	117	169	Philosophy, psychology	140	101	152	Italian	66	62	60
				Poetry, drama	168	135	139	Oriental	76	70	75
Fiction	77	81	71	*Religion*	85	87	136	Russian	189	102	159
General works	162	107	150	Science	835	710	890	Scandinavian	49	34	35
History	225	203	299	Sociology, economics	971	806	1,236	Spanish	85	60	61
Home economics	37	45	51	Sports, recreation	105	71	125	Other	515	494	655
Juvenile	35	33	43	Technical books	331	193	328				
Language	104	74	137	Travel	63	51	74				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly.* (Copyright by Xerox Corporation.)

No. 1016. Advertising—Estimated Expenditures: 1950 to 1979

[**In millions of dollars.** 1979 preliminary. See also *Historical Statistics, Colonial Times to 1970,* series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	5,700	3,260	2,440	1968	18,090	10,800	7,290	1974	26,820	14,810	12,010
1955	9,150	5,380	3,770	1969	19,420	11,400	8,020	1975	28,160	15,340	12,820
1960	11,960	7,305	4,655	1970	19,550	11,350	8,200	1976	33,690	18,555	15,135
1965	15,250	9,340	5,910	1971	20,740	11,775	8,965	1977	37,920	20,850	17,070
1966	16,630	10,150	6,480	1972	23,300	13,030	10,270	1978	43,970	23,990	19,980
1967	16,870	10,210	6,660	1973	25,120	13,775	11,345	1979	49,720	27,070	22,650

No. 1017. Advertising—Indexes of National Advertising Expenditures, by Medium: 1950 to 1979

[**1967 = 100.** Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970,* series T 472-484]

MEDIUM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
General index	**25**	**49**	**67**	**90**	**112**	**130**	**140**	**146**	**183**	**210**	**241**	**274**
Network television	6	38	56	85	114	135	147	158	196	238	273	312
Spot television	3	26	53	90	125	139	151	164	218	223	261	293
Magazines	38	56	73	93	104	116	121	118	144	174	209	235
Weeklies	40	61	81	94	95	90	97	94	115	139	178	202
Women's	46	57	65	95	107	128	132	130	162	200	238	261
Monthlies	28	43	64	90	120	161	161	155	187	222	246	282
Newspapers	61	84	92	93	105	131	141	144	178	198	211	246

No. 1018. Advertising—Estimated Expenditures, by Medium: 1965 to 1979

[**In millions of dollars, except percent.** See text, page 579 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970,* series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES (mil. dol.)						PERCENT					
	1965	1970	1975	1977	1978	1979, prel.	1965	1970	1975	1977	1978	1979, prel.
Total	**15,250**	**19,550**	**28,160**	**37,920**	**43,970**	**49,720**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
National	9,340	11,350	15,340	20,850	23,990	27,070	61.2	58.1	54.5	55.0	54.6	54.4
Local	5,910	8,200	12,820	17,070	19,980	22,650	38.8	41.9	45.5	45.0	45.4	45.6
Newspapers	4,426	5,704	8,442	11,132	12,707	14,493	29.0	29.2	30.0	29.4	28.9	29.2
National	784	891	1,221	1,677	1,787	2,085	5.1	4.6	4.3	4.4	4.1	4.2
Local	3,642	4,813	7,221	9,455	10,920	12,408	23.9	24.6	25.7	25.0	24.8	25.0
Magazines	1,161	1,292	1,465	2,162	2,597	2,930	7.6	6.6	5.2	5.7	5.9	5.9
Weeklies	610	617	612	903	1,158	1,315	4.0	3.2	2.2	2.4	2.6	2.6
Women's	269	301	368	565	672	735	1.8	1.5	1.3	1.5	1.5	1.5
Monthlies	282	374	485	694	767	880	1.8	1.9	1.7	1.8	1.8	1.8
Farm publications	71	62	74	90	104	120	.5	.3	.3	.2	.2	.2
Television	2,515	3,596	5,263	7,612	8,979	10,195	16.5	18.4	18.7	20.1	20.4	20.5
Network	1,237	1,658	2,306	3,460	3,975	4,540	8.1	8.5	8.2	9.1	9.0	9.1
Spot	892	1,234	1,623	2,204	2,581	2,890	5.9	6.3	5.8	5.8	5.9	5.8
Local	386	704	1,334	1,948	2,423	2,765	2.5	3.6	4.7	5.2	5.5	5.6
Radio	917	1,308	1,980	2,634	3,052	3,385	6.0	6.7	7.0	7.0	6.9	6.8
Network	60	56	83	137	147	170	.4	.3	.3	.4	.3	.3
Spot	275	371	436	546	620	680	1.8	1.9	1.5	1.4	1.4	1.4
Local	582	881	1,461	1,951	2,285	2,535	3.8	4.5	5.2	5.2	5.2	5.1
Direct mail	2,324	2,766	4,124	5,164	5,987	6,650	15.2	14.1	14.6	13.6	13.6	13.4
Business papers	671	740	919	1,221	1,400	1,595	4.4	3.8	3.3	3.2	3.2	3.2
Outdoor	180	234	335	418	466	535	1.2	1.2	1.2	1.1	1.1	1.1
National	120	154	220	290	307	350	.8	.8	.8	.8	.7	.7
Local	60	80	115	128	159	185	.4	.4	.4	.3	.4	.4
Miscellaneous	2,985	3,848	5,558	7,487	8,678	9,817	19.6	19.7	19.7	19.7	19.8	19.7
National	1,745	2,126	2,869	3,899	4,485	5,060	11.5	10.9	10.2	10.3	10.2	10.2
Local	1,240	1,722	2,689	3,588	4,193	4,757	8.1	8.8	9.5	9.4	9.6	9.5

Source of tables 1016-1018: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

No. 1019. Television—Expenditures for Network Advertising: 1975 to 1979

[In millions of dollars. See text, page 579 for a definition of network advertising]

Type of product	1975	1977	1978	1979	Type of product	1975	1977	1978	1979
Expenditures	2,431	3,619	4,105	4,697	Jewelry and cameras [1]	42	80	103	120
Apparel, footwear, and accessories	55	99	115	125	Laundry soaps, cleansers, and polishes	204	279	275	295
Automotive	235	344	416	492	Office equip., stationery, and supplies	22	27	32	48
Beer and wine	70	135	200	245	Pet products	67	104	123	145
Bldg. material, equip., fixtures	24	42	53	57	Proprietary medicines	273	334	346	395
Confectionery, soft drinks	85	125	169	241	Publishing and media	8	12	32	26
Consumer services	51	84	114	138	Records, tapes, radios, and TV sets	17	35	46	55
Dept. and discount stores	56	89	97	82	Tobacco products and supplies	20	12	9	9
Entertainm't and amusem't	66	114	164	207	Toiletries and toilet goods	415	576	589	661
Food and food products	403	626	669	775	Toys and sporting goods	49	89	91	93
Gas, lubricants, etc.	44	64	61	55	Travel, hotels, and resorts	21	32	42	55
Horticulture	7	9	9	12	All other	23	65	80	73
Household equip., supplies, and furnishings	134	193	203	223					
Insurance	40	50	67	70					

[1] Includes optical goods.

No. 1020. Television—Estimated Time Charges for Spot Advertising: 1975 to 1979

[In millions of dollars. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 273 stations. See text, page 579 for a definition of spot advertising]

Type of product	1975	1977	1978	1979 [1]	Type of product	1975	1977	1978	1979
Estimated time charges	1,706	2,312	2,593	2,881	Jewelry, optical goods, and cameras	15	26	45	61
Apparel, footwear, and accessories	46	47	58	87	Laundry soaps, polishes	96	108	134	144
Automotive	136	210	237	258	Office equip., stationery, and supplies	7	11	9	12
Beer and wine	69	91	113	147	Pet products	49	64	44	43
Building material, equipment, and fixtures	23	39	51	55	Proprietary medicines	97	90	103	113
Confectionery, soft drinks	135	190	241	254	Publishing and media	33	75	80	104
Consumer services	50	65	71	85	Records, tapes, radios, and TV sets	81	143	124	120
Food and food products	388	469	543	595	Tobacco prod., suppliers	4	4	5	7
Gasoline, lubricants, etc.	27	46	50	42	Toiletries and toilet goods	158	192	217	237
Horticulture	11	17	17	[2] 36	Toys and sporting goods	84	126	143	164
Household equipment and supplies, furnishings	104	172	161	164	Travel, hotels, and resorts	46	66	68	74
Insurance	24	26	36	40	All other	19	35	43	39

[1] Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years. [2] Due to a definition change, data not strictly comparable with earlier years.

No. 1021. Television—Expenditures for Retail/Local Advertising: 1975 to 1979

[In millions of dollars. See text, page 579 for a definition of Retail/Local Advertising]

Type of product	1975	1977	1978	1979 [1]	Type of product	1975	1977	1978	1979 [1]
Expenditures [2]	1,013	1,511	1,664	2,132	Health clubs, reducing salons	8	15	19	23
Amusements, entertainment	28	48	55	68	Home bldg. construction, bldg. supplies	16	24	27	34
Appliance stores, repair	19	30	41	45	Hotels, resorts, U.S.	9	13	16	19
Auto repair, serv. stations	8	17	26	30	Jewelry stores	8	12	16	21
Auto supply, accessory stores	7	14	16	15	Loan, mortgage companies	12	14	13	14
Auto, truck dealers	54	108	133	145	Mail order, catalog showrooms	4	8	13	14
Banks, S&L associations	102	124	149	166	Medical, dental services	3	5	8	13
Builders, real estate	17	34	49	55	Movies	71	67	86	111
Carpet, floor covering stores	15	21	22	29	Newspapers	8	15	17	16
Clothing stores	23	31	38	47	Optical services, supplies	4	7	8	11
Department stores	105	133	150	140	Radio, TV stations	NA	38	42	64
Discount dept. stores	41	59	74	81	Restaurants, drive-ins	139	219	261	310
Drug stores	12	19	24	27	Shoe stores	6	9	12	23
Food stores, supermarkets	86	123	140	159	Shopping ctrs, ass'ns	8	11	12	14
Furniture stores	52	73	95	122	Sport, hobby, toy stores	10	13	18	25
Gas, electric, water cos	11	13	16	17					
Hardware stores	6	9	11	16					

NA Not available. [1] Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years. [2] Includes other types of products, not shown separately.

Source of tables 1019-1021: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.

No. 1022. Newspaper Advertising—Expenditures for 64 Cities: 1957 to 1979

[**In millions of dollars.** Based on stratified random sample of 64 cities of different size, including suburban as well as central city newspapers]

TYPE OF ADVERTISING	1957	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	**1,611**	**3,120**	**3,497**	**3,668**	**3,845**	**4,117**	**5,352**	**5,696**	**6,666**	**7,529**
Automotive	63	93	98	96	109	93	127	145	151	193
Classified	313	724	881	985	967	982	1,342	1,522	1,892	2,202
Financial	42	117	115	135	135	131	148	147	203	237
General	326	426	478	471	514	547	731	752	827	938
Retail	866	1,759	1,925	1,980	2,120	2,364	3,005	3,129	3,593	3,960

Source: Compiled by Media Records, Inc. Current data in U.S. Bureau of Economic Analysis, *Survey of Current Business,* monthly.

No. 1023. Newspaper Advertising—Expenditures for National Advertising, by Type of Product: 1975 to 1979

[**In millions of dollars.** Data are compiled on basis of actual space measurements of bulk of national advertising carried by weekday and Sunday newspapers. Excludes production costs]

TYPE OF PRODUCT	1975	1977	1978	1979	TYPE OF PRODUCT	1975	1977	1978	1979
Total	**1,142.1**	**1,568.8**	**1,671.9**	**1,950.4**	Industrial	13.9	20.5	21.2	29.0
					Insurance	20.2	26.2	29.9	34.0
Alcoholic beverages	72.2	71.2	72.0	89.2	Jewelry, watches [1]	3.2	4.3	3.9	6.1
Liquors	64.2	58.9	60.6	75.2	Mail order	41.9	42.8	58.0	54.4
Amusements	6.2	8.4	8.7	12.6	Medical prod., drugs	12.9	22.7	21.6	20.4
Automotive	175.7	250.5	269.0	336.9	Pets and pet supplies	8.4	9.9	11.0	9.2
New passenger cars	129.6	188.6	204.7	248.7	Political	5.2	6.5	25.7	8.3
Cameras, photo supplies and services	10.0	12.5	15.6	13.2	Professional and serv	5.6	5.9	7.0	6.4
Educational	10.0	15.2	17.6	20.8	Public service utilities and communications	19.2	27.3	32.1	37.6
Farm and garden	18.5	23.7	22.7	27.0					
					Publishing [2]	83.4	125.1	128.3	154.9
Foods	131.1	162.0	153.6	167.5	Real estate	8.8	8.2	7.8	11.0
Franchise offers	3.0	4.4	5.0	5.3	Sporting equipment [3]	6.9	8.1	8.1	6.9
Help wanted	10.3	28.3	39.9	55.2	Tobacco	148.1	234.2	228.8	293.7
Home heat, and equip	2.9	5.2	5.8	8.0	Toiletries, toilet goods	16.1	19.4	25.4	27.9
Hotels and resorts	44.1	50.9	54.8	67.9	Transportation	154.7	202.1	211.9	235.5
Household furniture and furnishings	7.4	8.2	7.7	9.9	Airlines	97.8	116.3	124.5	147.6
Household supplies	24.8	31.0	33.7	36.6	Wearing apparel	20.2	30.4	27.8	31.2
Hsehld. equip. and appl	30.4	50.3	53.7	46.7	All other	26.9	53.0	63.4	87.4

[1] Includes silverware. [2] Includes magazines, newspapers, and other media. [3] Includes leisure time equipment.

Source: Media Records, Inc., New York, N.Y., *Marketing and Media Decisions,* June 1980.

No. 1024. Magazine Advertising—Expenditures, by Product: 1970 to 1979

[**In millions of dollars.** Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

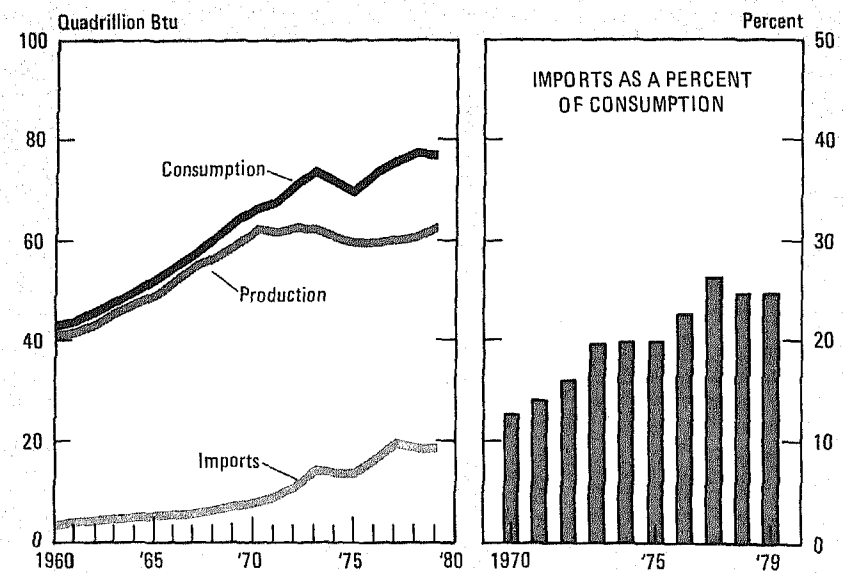
TYPE OF PRODUCTION	1970	1975	1976	1977	1978	1979	PERCENT DISTRIBUTION		
							1970	1975	1979
Expenditures	**1,181**	**1,336**	**1,622**	**1,965**	**2,374**	**2,671**	**100.0**	**100.0**	**100.0**
Apparel, footwear, and accessories [1]	51	47	56	70	86	92	4.3	3.5	3.4
Automotive, incl. accessories and equipment [1]	95	102	142	177	228	224	8.0	7.6	8.4
Beer, wine, and liquor	98	101	111	132	193	236	8.3	7.6	8.8
Consumer services [1] [2]	74	102	104	119	147	172	6.3	7.8	6.4
Drugs and remedies	38	34	40	51	57	71	3.2	2.5	2.7
Food and food products	86	87	113	140	174	186	7.3	6.5	7.0
Household equipment and supplies [1]	33	25	37	47	63	67	2.8	1.9	2.5
Household furnishings [1]	38	31	47	66	85	64	3.2	2.3	2.4
Industrial materials [1]	44	34	47	49	58	70	3.7	2.6	2.6
Insurance	26	22	28	39	45	53	2.2	1.7	2.0
Radios, TV's, phonos, musical instruments [3]	38	35	51	58	76	80	3.2	2.6	3.0
Smoking materials	65	144	162	194	205	281	5.5	10.8	10.5
Toiletries and toilet goods [1]	119	106	125	151	163	198	10.1	7.9	7.4
Travel, hotels, and resorts	50	65	69	83	98	110	4.2	4.9	4.1
All other (incl. retail and/or direct-mail) [1]	326	402	489	588	696	767	27.6	30.1	28.7

[1] Due to classification changes, beginning 1975, data not comparable with earlier years. [2] Includes business services. [3] Includes accessories.

Source: Magazine Publishers Association, Inc., New York, N.Y., from data compiled by Publishers Information Bureau, Inc.

Figure 20.1

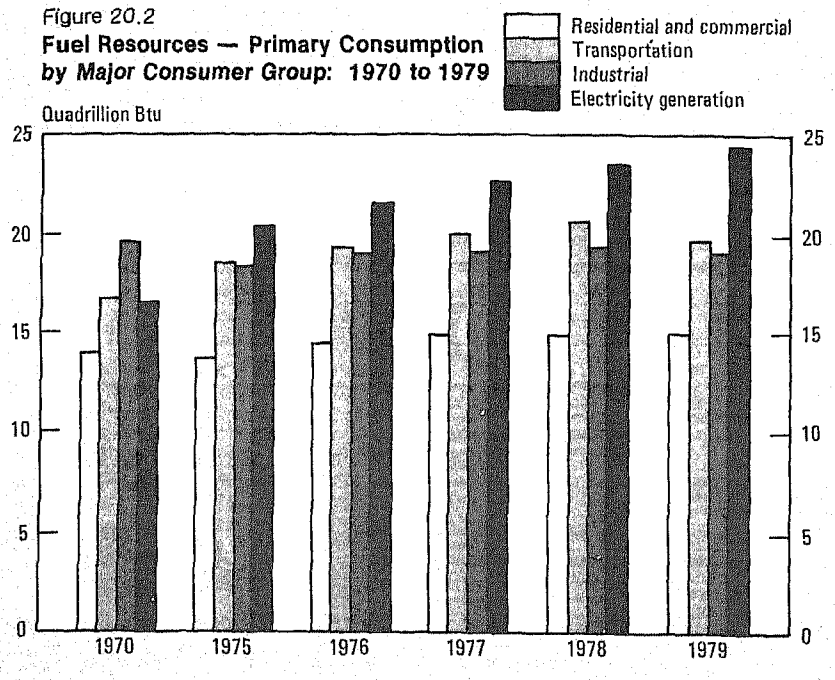
Energy Production, Consumption, and Imports: 1960 to 1979



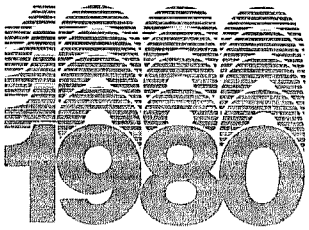
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1026.

Figure 20.2

Fuel Resources — Primary Consumption *by Major Consumer Group*: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1033.



Section 20

Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, New York, and the American Gas Association, Arlington, Va. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on fuels, see section 27.

The EIA, in its *Annual Report to Congress,* provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, nuclear power, and solar and geothermal energy. Among its annual reports (previously issued by the Federal Power Commission) are *Statistics of Privately Owned Electric Utilities in the United States; Statistics of Publicly Owned Electric Utilities in the United States; Gas Turbine Plant Construction Cost and Annual Production Expenses; Statistics for Interstate Natural Gas Pipeline Companies;* and *Typical Electric Bills.* These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the annual *Inventory of Power Plants, Energy Date Reports,* and the *Monthly Energy Review.*

The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States.* The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts,* presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics.

Other sources include the Rural Electrification Administration's *Annual Statistical Report—Rural Electric Borrowers* and the National Science Foundation, which publishes data annually on research and development funding in energy.

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1978 and 1979 for production and consumption, in that order, for various fuels: Petroleum 5.800 and 5.519 mil. Btu per barrel; bituminous coal 22.43 and 22.14 mil. Btu per short ton; and anthracite coal 23.52 and 22.97 mil. Btu per short ton. Both production and consumption factors for natural gas were 1,019, while the factors for the production of hydropower, nuclear power, and geothermal power were 10.44, 10.77, and 21.61 thous. Btu per kilowatt-hour, respectively.

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

No. 1024. Total Horsepower of All Prime Movers: 1950 to 1978

[**In millions, except percent.** As of ***January,*** *except* as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as *wind or falling* water) into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970,* series S 1–14]

YEAR	Total horsepower	AUTOMOTIVE [1] [2]		NONAUTOMOTIVE							
		Total	Percent of total	Total	Factories [3]	Mines [3]	Railroads [4]	Merchant ships and sailing vessels	Farms	Electric central stations [2]	Aircraft [4] [5]
1950	4,868	4,404	90.5	464	33	22	111	[6] 23	165	88	[6] 22
1955	7,158	6,632	92.7	526	36	31	60	[6] 24	212	138	[6] 26
1960	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977	26,469	25,025	94.5	1,444	62	47	62	23	328	728	194
1978	27,379	25,892	94.6	1,487	63	48	64	25	[7] 335	754	198

[1] Includes passenger cars, trucks, buses, and motorcycles. [2] As of July 1. [3] Beginning 1965, data are estimates. [4] Beginning 1965, not strictly comparable with earlier years. [5] Includes private planes and commercial airlines. [6] Includes Alaska and Hawaii. [7] Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

Source: *1950 and 1955,* The Twentieth Century Fund, New York, N.Y., J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey;* and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958.* Beginning 1960, John A. Waring, Washington, D.C., unpublished estimates.

No. 1025. Mineral Fuel Resources and Electricity—Production and Consumption, by Major Source: 1950 to 1979

[*A British thermal unit* (Btu) *is the quantity of heat required to raise the temperature of 1 pound of water 1° F at or near its point of maximum density.* Prior to 1960, excludes Alaska and Hawaii, except data for bituminous coal include Alaska for all years. For Btu conversion factors, see text, p. 601. See also *Historical Statistics, Colonial Times to 1970, series* M 76–92]

YEAR	Total production (quad. Btu)	PERCENT OF PRODUCTION				Total consumption (quad. Btu)	PERCENT OF CONSUMPTION				Consumption/production ratio
		Coal	Crude petroleum [1]	Natural gas [2]	Electricity [3]		Coal	Crude petroleum [1]	Natural gas [2]	Electricity [3]	
1950	34.5	42.7	33.4	20.0	3.9	33.6	38.1	39.8	18.1	4.0	.97
1955	39.1	32.6	37.0	27.0	3.4	39.2	29.1	44.2	23.3	3.5	1.00
1960	41.8	26.7	35.7	33.8	3.8	44.1	22.8	45.1	28.5	3.6	1.06
1961	42.3	25.4	36.0	34.7	3.9	44.7	21.9	45.2	29.2	3.7	1.06
1962	43.9	25.5	35.4	35.0	4.1	46.8	21.5	44.9	29.8	3.8	1.07
1963	46.2	26.4	34.6	35.2	3.8	48.6	21.7	44.5	30.1	3.6	1.05
1964	48.0	26.8	33.6	35.7	3.9	50.8	22.0	43.7	30.6	3.7	1.06
1965	49.7	27.0	33.3	35.6	4.2	53.0	22.3	43.6	30.2	3.9	1.07
1966	52.5	26.4	33.5	36.2	4.0	56.8	22.3	45.2	30.4	2.1	1.07
1967	55.4	25.7	33.7	36.3	4.3	57.9	21.0	43.5	31.3	4.1	1.05
1968	57.1	24.4	33.7	37.6	4.3	61.3	20.5	43.8	31.7	4.0	1.07
1969	59.4	24.0	32.9	38.5	4.7	64.5	19.6	43.8	32.4	4.3	1.09
1970	62.5	24.3	32.6	38.6	4.5	66.8	18.9	44.0	32.8	4.3	1.07
1971	61.7	22.0	32.5	40.2	5.3	68.3	17.6	44.7	32.9	4.7	1.11
1972	62.8	23.1	31.9	39.5	5.5	71.6	17.3	46.0	31.7	4.9	1.14
1973	62.4	23.0	31.2	39.7	6.1	74.6	17.8	46.7	30.2	5.2	1.20
1974	61.2	23.7	30.4	38.7	7.2	72.8	17.7	45.0	29.9	7.4	1.19
1975	60.1	25.6	29.5	36.6	8.4	70.7	18.2	46.4	28.3	7.2	1.18
1976	60.1	26.5	28.7	36.3	8.5	74.5	18.4	47.2	27.3	7.1	1.24
1977	60.3	26.3	28.9	36.3	8.5	76.4	18.3	48.7	26.1	6.9	1.27
1978	61.2	24.6	30.1	35.5	9.8	78.2	17.7	48.6	25.6	8.1	1.28
1979, prel.	62.8	27.7	28.7	34.4	9.2	78.0	19.3	47.4	25.5	7.8	1.24

[1] Production includes lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. [2] Production includes natural gas liquids; consumption excludes natural gas liquids. [3] Comprised of hydropower, nuclear power, and geothermal energy.

Source: U.S. Energy Information Administration, *Annual Report to Congress,* vol. II.

NO. 1026. ENERGY SUPPLY AND DISPOSITION, BY TYPE OF FUEL: 1960 TO 1979

[In quadrillion British thermal units, except percent. For Btu conversion factors, see text, p. 601]

TYPE OF FUEL	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Total supply [1]	**45.6**	**54.9**	**69.5**	**73.8**	**76.7**	**75.0**	**73.1**	**76.7**	**78.5**	**80.1**	**80.9**
Production	41.8	49.7	62.5	62.8	62.4	61.2	60.1	60.1	60.3	61.2	62.8
Crude oil [2]	14.9	16.5	20.4	20.0	19.5	18.6	17.7	17.3	17.5	18.4	18.0
Natural gas liquids	1.5	1.9	2.5	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.4
Natural gas [3]	12.7	15.8	21.7	22.2	22.2	21.2	19.6	19.5	19.6	19.5	19.2
Coal	11.1	13.4	15.1	14.5	14.4	14.5	15.2	15.9	15.9	15.0	17.4
Nuclear power	(z)	(z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.8
Hydropower	1.6	2.1	2.6	2.9	2.9	3.2	3.2	3.0	2.3	3.0	3.0
Geothermal and other	-	-	(z)	(z)	.1	.1	.1	.1	.1	.1	.1
Imports [4]	4.2	5.9	8.4	11.5	14.7	14.4	14.1	16.8	20.1	19.3	19.3
Percent of supply	9.2	10.7	12.1	15.6	19.2	19.2	19.3	21.9	25.6	24.1	23.9
Crude oil	2.2	2.7	2.8	4.7	6.9	7.4	8.7	11.2	14.0	13.5	13.5
Refined petroleum products [5]	1.8	2.8	4.7	5.6	6.6	5.7	4.2	4.4	4.7	4.4	4.1
Natural gas	.2	.5	.9	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.3
Total disposition	**45.6**	**54.9**	**69.5**	**73.8**	**76.7**	**75.0**	**73.1**	**76.7**	**78.5**	**80.1**	**80.9**
Consumption	44.1	53.0	66.8	71.6	74.6	72.8	70.7	74.5	76.4	78.2	78.0
Refined petroleum products	19.9	23.3	29.5	33.0	34.8	33.5	32.7	35.2	37.2	38.0	37.0
Natural gas [3]	12.4	15.8	21.8	22.7	22.5	21.7	20.0	20.4	19.9	20.0	19.9
Coal	10.1	11.9	12.7	12.5	13.3	12.9	12.8	13.7	14.0	13.9	15.1
Nuclear power	(z)	(z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.8
Hydropower [6]	1.7	2.1	2.7	2.9	3.0	3.3	3.2	3.1	2.5	3.2	3.2
Geothermal and other	-	-	(z)	(z)	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	1.9	2.7	2.1	2.1	2.2	2.4	2.2	2.1	2.0	2.9
Coal	1.0	1.4	1.9	1.5	1.5	1.6	1.8	1.6	1.5	1.1	1.8

- Represents zero. Z Less than 50 trillion. [1] Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. [2] Includes lease condensate. [3] Dry marketed gas. [4] Includes other types, not shown separately. [5] Includes imports of unfinished oils and natural gas liquids. [6] Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

NO. 1027. ENERGY PRODUCTION AND CONSUMPTION—ANNUAL GROWTH RATES, BY TYPE OF FUEL: 1950 TO 1979

[In percent. Based on data shown in table 1026. Rates represent average annual compounded changes; for explanation, see Guide to Tabular Presentation. Minus sign (−) denotes decrease]

TYPE OF FUEL	1950–1960	1960–1970	1970–1979	1970–1972	1972–1973	1973–1974	1974–1975	1975–1976	1976–1977	1977–1978	1978–1979
Total production	**1.9**	**4.1**	**.1**	**.2**	**−.6**	**−1.9**	**−1.9**	**.1**	**.3**	**1.5**	**2.6**
Crude oil [1]	2.7	3.2	−1.4	−.9	−2.7	−4.7	−4.5	−2.6	1.1	5.6	−2.2
Natural gas liquids	5.9	5.6	−.6	1.8	−1.2	−3.9	−4.1	−1.7	-	−3.5	5.8
Natural gas [2]	7.4	5.5	−1.4	1.2	−.1	−4.4	−7.4	−.8	.5	−.4	−1.6
Coal	−2.7	3.1	1.6	−1.9	−.7	.6	5.0	4.3	.3	−5.0	15.8
Nuclear power	(x)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	−7.7
Hydropower	1.3	5.1	1.3	4.3	-	10.8	−.6	−5.4	−21.5	26.5	-
Geothermal and other	(x)	(x)	26.0	41.4	25.0	20.0	16.7	14.3	-	−33.3	50.0
Total consumption	**2.8**	**4.3**	**1.7**	**3.5**	**4.2**	**−3.0**	**−2.3**	**4.9**	**3.2**	**2.3**	**−.2**
Refined petroleum products	4.1	4.0	2.6	5.7	5.7	−5.1	−1.0	6.4	6.8	2.1	−2.5
Natural gas [2]	7.6	5.8	−1.1	2.0	−.8	−3.5	−8.2	2.0	−2.1	.4	−.7
Coal	−2.4	2.3	2.0	−.8	6.8	−3.2	−.5	7.1	3.0	−.8	8.9
Nuclear power	(x)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	−7.7
Hydropower [3]	1.4	4.9	2.0	5.3	2.4	10.0	−2.7	−4.7	−17.9	25.8	−.3
Geothermal and other	(x)	(x)	26.0	41.4	25.0	20.0	16.7	14.3	-	−33.3	50
GNP [4]	**3.3**	**3.9**	**3.2**	**4.4**	**5.5**	**−1.4**	**−1.3**	**5.9**	**5.3**	**4.3**	**2.4**

X Not applicable. - Represents zero. [1] Includes lease condensate. [2] Dry marketed gas. [3] Includes industrial generation and net electricity imports. [4] Gross national product in constant (1972) dollars; see table 725.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1028. Energy Consumption—Total and Per Capita: 1950 to 1979

[Btu = British thermal units. See text, p. 601]

Year	All energy [1]		Petroleum [3]		Natural gas [4]		Coal [5]		Consumption per dollar GNP [6]	
	Total (quad. Btu)	Per capita [2] (mil. Btu)	Total (quad. Btu)	Per capita [2] (mil. Btu)	Total (quad. Btu)	Per capita [2] (mil. Btu)	Total (quad. Btu)	Per capita [2] (mil. Btu)	All energy (1,000 Btu)	Petroleum (1,000 Btu)
1950	33.9	223	13.5	89	6.0	39	12.9	85	63.6	25.3
1955	39.7	240	17.5	106	9.0	55	11.5	70	60.6	26.8
1960	44.1	245	19.9	111	12.4	69	10.1	56	59.8	27.0
1965	53.0	274	23.3	120	15.8	81	11.9	61	57.2	25.1
1970	66.8	328	29.5	145	21.8	107	12.7	62	62.1	27.5
1971	68.3	331	30.6	148	22.5	109	12.0	58	61.7	27.6
1972	71.6	344	33.0	158	22.7	109	12.5	60	61.2	28.1
1973	74.6	355	34.8	166	22.5	107	13.3	63	60.4	28.2
1974	72.8	342	33.5	156	21.7	103	12.9	61	59.4	27.1
1975	70.7	332	32.7	154	20.0	94	12.8	60	58.8	27.2
1976	74.5	345	35.2	162	20.4	95	13.7	64	58.3	27.4
1977	76.4	354	37.2	172	19.9	92	14.0	65	57.4	27.9
1978	78.2	358	38.0	174	20.0	92	13.9	64.0	55.9	27.2
1979, prel	78.0	354	37.0	168	19.9	90	15.1	72.0	54.5	25.8

[1] Includes hydropower, nuclear power, geothermal and other energy, not shown separately. [2] Based on estimated resident population as of July 1. [3] Includes petroleum products, natural gas plant liquids, and crude oil burned as fuel. [4] Dry gas only. [5] Includes bituminous coal, lignite, anthracite coal, and net imports of coke. [6] Gross national product in constant (1972) dollars. See table 725.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1029. Energy Consumption, by Sector and Primary Source: 1975 to 1979

[**In trillions of Btu.** For definition of Btu, see text, p. 601]

Sector	Total [1]	Coal [2]	Natural gas, dry	Petroleum [3]	Hydroelectric [4]	Nuclear power	Geothermal	Electricity distributed [5]	Electric energy loss [6]
1975									
Final consuming sectors	70,706	4,055	16,704	29,500	32	–	–	5,902	14,508
Residential and commercial	26,743	239	7,688	6,413	–	–	–	3,588	8,815
Industrial	25,763	3,815	8,422	5,521	32	–	–	2,304	5,669
Transportation	18,195	1	594	17,566	–	–	–	10	24
Electric utilities	20,416	8,783	3,241	3,231	3,187	1,900	72	(x)	(x)
1977									
Final consuming sectors	76,390	3,734	16,644	33,147	37	–	–	6,581	16,240
Residential and commercial	28,268	225	7,537	6,868	–	–	–	3,936	9,703
Industrial	28,362	3,509	8,564	7,104	37	–	–	2,635	6,513
Transportation	19,753	–	543	19,175	–	–	–	10	24
Electric utilities	22,822	10,245	3,285	4,028	2,482	2,702	82	(x)	(x)
1978									
Final consuming sectors	78,154	3,842	16,700	34,151	36	–	–	6,836	16,579
Residential and commercial	28,941	249	7,761	6,915	–	–	–	4,096	9,918
Industrial	28,581	3,593	8,400	7,179	36	–	–	2,731	6,641
Transportation	20,625	–	539	20,057	–	–	–	9	20
Electric utilities	23,421	10,134	3,297	3,813	3,132	2,977	68	(x)	(x)
1979									
Final consuming sectors	78,022	3,840	16,246	33,487	37	–	–	7,030	17,375
Residential and commercial	29,503	225	7,889	6,910	–	–	–	4,173	10,306
Industrial	28,746	3,615	7,827	7,371	37	–	–	2,848	7,048
Transportation	19,766	–	530	19,206	–	–	–	9	20
Electric utilities	24,410	11,304	3,610	3,530	3,126	2,750	89	(x)	(x)

– Represents zero. X Not applicable. [1] Total may not equal sum of components due to independent rounding of the components. [2] Represents anthracite, bituminous, lignite, and net coke imports. [3] Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. [4] Includes net imports of electricity. [5] Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. [6] Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, March 1980.

No. 1030. Energy Consumption—End-use Sector and Selected Type, by State: 1978

[**In trillions of Btu.** For Btu conversion factors, see text, p. 601]

STATE	Total [1]	END-USE SECTOR				TYPE				
		Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydropower	Nuclear power
U.S. [2]	**78,256**	**16,335**	**12,559**	**28,739**	**20,624**	**37,965**	**19,999**	**13,944**	**3,173**	**2,977**
Ala	1,668	285	169	804	410	640	241	606	86	246
Alaska	316	32	50	135	99	168	148	5	5	-
Ariz	780	137	151	224	268	386	179	162	73	-
Ark	940	193	160	357	230	486	224	29	25	56
Calif	6,355	1,173	1,100	1,677	2,405	3,592	1,594	69	388	82
Colo	942	196	191	277	277	440	273	221	14	7
Conn	790	232	151	201	205	609	66	1	4	149
Del	202	40	35	70	57	168	21	22	-	-
D.C	163	43	47	39	35	84	27	2	-	-
Fla	2,410	587	403	545	875	1,727	326	176	2	170
Ga	1,681	363	262	512	545	848	283	436	39	46
Hawaii	253	26	19	61	147	247	-	-	1	-
Idaho	395	86	75	140	94	167	45	16	103	-
Ill	4,216	1,058	835	1,360	963	1,855	1,194	854	1	355
Ind	2,584	528	321	1,272	464	1,023	448	1,044	4	-
Iowa	1,089	269	165	396	259	538	242	209	10	13
Kans	1,082	219	180	395	288	460	530	137	(z)	-
Ky	1,213	240	176	464	333	519	216	621	33	-
La	3,295	286	253	2,159	598	968	2,292	4	-	-
Maine	365	88	66	111	100	270	2	(z)	52	58
Md	1,156	247	213	368	328	672	138	205	18	107
Mass	1,473	403	449	238	384	1,236	163	2	2	60
Mich	3,021	743	458	1,093	726	1,337	803	676	81	141
Minn	1,406	346	230	483	347	675	318	269	24	125
Miss	832	168	117	288	259	555	208	41	-	-
Mo	1,637	442	320	409	466	819	365	493	11	-
Mont	379	74	59	149	97	174	74	59	124	-
Nebr	624	146	115	192	172	306	166	64	12	83
Nev	291	53	59	67	112	162	66	91	17	-
N.H	238	70	41	62	64	179	8	20	12	-
N.J	1,962	477	462	451	571	1,343	233	63	2	88
N. Mex	484	65	79	165	175	237	218	146	(z)	-
N.Y	4,062	1,117	1,029	840	1,077	2,868	579	297	323	234
N.C	1,684	389	240	572	484	855	83	504	57	107
N. Dak	258	59	42	84	74	140	40	142	54	-
Ohio	4,282	945	583	1,918	835	1,437	945	1,625	(z)	26
Okla	1,306	262	196	529	320	533	789	45	18	-
Oreg	904	186	165	290	263	386	88	6	333	17
Pa	4,325	939	655	1,869	863	1,766	685	1,578	8	240
R.I	218	64	59	41	54	144	23	(z)	(z)	-
S.C	1,011	203	147	394	268	477	120	195	34	210
S. Dak	242	67	34	71	70	145	36	40	71	-
Tenn	1,803	391	226	746	440	667	187	615	92	-
Tex	7,371	1,004	765	3,763	1,839	2,696	4,306	413	8	-
Utah	519	92	75	223	128	222	121	144	8	-
Vt	138	39	27	35	38	93	4	(z)	10	35
Va	1,517	343	287	373	515	941	136	174	14	152
Wash	1,523	314	221	579	409	602	129	88	953	45
W. Va	787	140	81	411	153	223	154	784	10	-
Wis	1,556	424	265	509	359	712	377	305	24	126
Wyo	373	39	52	198	85	170	89	242	10	-

- Represents zero.
Z Less than 500 billion.
[1] For type, includes geothermal, wood and waste, not shown separately.
[2] For industrial sector, includes 130 trillion Btu of net imports of coke not allocated by State.

Source: U.S. Energy Information Administration, *State Energy Data Report*, April 1980.

NO. 1031. WORLD ENERGY CONSUMPTION, BY REGION AND ENERGY SOURCE: 1960 TO 1978

[In tons of coal equivalent. Metric ton = 1.1023 short tons. See text, p. 894, for general comments about the data]

REGION AND ENERGY SOURCE	CONSUMPTION (mil. metric tons)									PERCENT DISTRIBUTION		
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1960	1970	1978
World total	**4,246**	**5,220**	**6,718**	**7,734**	**7,779**	**7,808**	**8,280**	**8,541**	**8,755**	**100.0**	**100.0**	**100.0**
United States	1,475	1,774	2,247	2,481	2,407	2,322	2,473	2,509	2,502	34.7	33.4	28.6
Western Europe	831	1,057	1,351	1,529	1,500	1,457	1,553	1,541	1,566	19.6	20.1	17.9
Japan	109	179	344	426	422	404	426	433	439	2.6	5.1	5.0
Centrally planned economies [1]	1,354	1,564	1,909	2,234	2,330	2,459	2,576	2,728	2,867	31.9	28.4	32.7
Rest of world	*476*	*646*	*869*	*1,063*	*1,120*	*1,165*	*1,252*	*1,329*	*1,381*	*11.2*	*13.0*	*15.8*
Energy source:												
Solid fuels	2,206	2,255	2,353	2,452	2,489	2,516	2,646	2,744	2,803	51.9	35.0	32.0
Liquid fuels	1,362	1,967	2,912	3,578	3,535	3,524	3,770	3,896	3,959	32.1	43.4	45.2
Natural gas	593	882	1,293	1,517	1,545	1,545	1,633	1,651	1,737	14.0	19.3	19.8
Hydropower and geothermal	85	113	145	162	178	180	181	187	256	2.0	2.2	2.9
Nuclear	(z)	3	10	24	31	43	50	63		(z)	.1	

Z Less than 500,000 tons or .05 percent. [1] Includes China, Dem. People's Rep. of Korea, Mongolia, Vietnam, Albania, Bulgaria, Czechoslovakia, German Dem. Rep., Hungary, Poland, Romania, and Soviet Union.

Source: Statistical Office of the United Nations, New York, N.Y., *World Energy Supplies*, Statistical Papers, series J, vol. 21; and unpublished data. (Copyright.)

NO. 1032. CRUDE OIL, NATURAL GAS, AND COAL—WORLD PRODUCTION, BY REGION: 1960 TO 1978

FUEL AND REGION	PRODUCTION									PERCENT DISTRIBUTION			
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1960	1970	1977	1978
CRUDE OIL (mil. bbl.)													
World	**7,674**	**11,063**	**16,711**	**20,368**	**20,539**	**19,502**	**21,192**	**21,776**	**21,874**	**100.0**	**100.0**	**100.0**	**100.0**
United States	2,575	2,849	3,517	3,361	3,203	3,057	2,976	3,009	3,178	33.6	21.0	13.8	14.5
Other W. Hemisphere	1,555	1,979	2,377	2,542	2,405	2,123	2,114	2,131	2,220	20.3	14.2	9.8	10.1
Western Europe	99	131	116	114	116	200	312	499	637	1.3	.7	2.3	2.9
Africa	105	812	2,207	2,161	1,990	1,826	2,135	2,261	2,173	1.4	13.2	10.4	9.9
Middle East	1,923	3,054	5,096	7,745	7,987	7,161	8,116	8,176	7,676	25.1	30.5	37.5	35.1
Far East and Oceania	202	246	503	816	816	806	923	1,017	1,012	2.6	3.0	4.7	4.6
Sino-Soviet area [1]	1,215	1,993	2,890	3,629	4,022	4,329	4,616	4,683	4,978	*5.8	17.2	21.5	22.8
NATURAL GAS (bil. cu. ft.)													
World	**16,917**	**24,537**	**37,664**	**46,144**	**47,179**	**47,364**	**49,497**	**51,394**	**53,871**	**100.0**	**100.0**	**100.0**	**100.0**
United States	12,771	16,040	21,921	22,648	21,601	20,109	19,952	20,025	19,974	75.5	58.2	39.0	37.1
Other W. Hemisphere	1,299	2,268	3,554	4,735	4,712	4,778	4,863	4,999	5,672	7.7	9.4	9.7	10.5
Western Europe	432	671	2,751	5,148	5,837	6,033	6,349	6,527	6,577	2.6	7.3	12.7	12.2
Africa	6	70	122	586	594	757	891	959	1,148	(z)	.3	1.9	2.1
Middle East	57	171	460	1,277	1,423	1,359	1,407	1,463	1,537	.3	1.2	2.8	2.9
Far East and Oceania	*158*	*166*	*525*	*792*	*895*	*985*	*1,165*	*1,366*	*1,710*	*.9*	*1.4*	*2.7*	*3.2*
Sino-Soviet area	2,194	5,152	8,331	10,958	12,117	13,342	14,870	16,054	17,253	13.0	22.1	31.2	32.0
COAL (mil. sh. tn)													
World	**2,899**	**3,079**	**3,317**	**3,404**	**3,459**	**3,606**	**3,716**	**3,839**	**3,925**	**100.0**	**100.0**	**100.0**	**100.0**
United States	434	527	613	599	607	655	685	697	670	15.0	18.5	18.2	17.1
Other W. Hemisphere	21	22	28	35	35	42	43	46	51	.7	.8	1.2	1.3
Western Europe	618	601	500	466	439	497	467	483	483	21.3	15.1	12.6	12.3
Africa	48	59	66	75	77	82	91	100	106	1.7	2.0	2.6	2.7
Middle East	11	10	10	12	19	14	12	14	16	.4	.3	.4	.4
Far East and Oceania	189	237	240	233	250	278	295	346	356	6.5	7.2	9.0	9.1
Sino-Soviet area	1,578	1,622	1,861	1,984	2,032	2,038	2,123	2,152	2,244	54.4	56.1	56.1	57.2

Z Less than .05 percent. [1] Includes Cuba.

Source: 1960–1975, U.S. Dept. of Interior, *Energy Perspectives 2*, June 1976, and unpublished data; thereafter, U.S. Energy Information Administration, *International Petroleum Annual, World Natural Gas*, annual, and *Coal—Bituminous and Lignite*, annual.

No. 1033. Primary Energy Consumption by Consuming Sector: 1970 to 1979

[For definition of Btu, text, p. 601]

SECTOR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, est.
	CONSUMPTION (quadrillion Btu)									
Total	**66.8**	**68.3**	**71.6**	**74.6**	**72.8**	**70.7**	**74.5**	**76.4**	**78.2**	**78.0**
Residential and commercial	15.0	15.3	15.7	15.4	14.7	14.2	15.0	14.6	14.8	15.0
Industrial and miscellaneous	19.5	19.2	19.7	20.7	19.9	17.9	18.9	19.3	19.3	18.9
Transportation	16.0	16.6	17.6	18.5	18.0	18.1	19.0	19.7	20.6	19.7
Electricity generation	16.3	17.2	18.6	20.0	20.2	20.4	21.5	22.8	23.5	24.4
	PERCENT OF TOTAL									
Residential and commercial	22.5	22.4	21.9	20.6	20.2	20.1	20.1	19.1	18.9	19.2
Industrial and miscellaneous	29.2	28.1	27.5	27.7	27.3	25.3	25.4	25.3	24.7	24.2
Transportation	24.0	24.3	24.6	24.8	24.7	25.6	25.5	25.8	26.3	25.3
Electricity generation	24.4	25.2	26.0	26.8	27.7	28.9	28.9	29.8	30.1	31.3

No. 1034. Fossil Fuel Prices in Current and Constant (1972) Dollars: 1960 to 1979

[**In cents per million British thermal units (Btu), except as indicated.** All fuel prices taken as close to the point of production as possible. See text, p. 601, for explanation of Btu conversions from mineral fuels. Minus sign (−) denotes decrease]

YEAR OR PERIOD	CURRENT DOLLARS						CONSTANT (1972) DOLLARS						GNP [3] price deflators (1972=100)
	Composite [1]	Crude oil	Natural gas liquids	Natural gas (dry)	Bituminous coal [2]	Anthracite coal	Composite [1]	Crude oil	Natural gas liquids	Natural gas (dry)	Bituminous coal [2]	Anthracite coal	
1960	30.0	49.7	55.2	13.5	18.3	33.0	43.7	72.3	80.4	19.7	26.6	48.0	68.7
1965	28.5	47.6	48.1	15.1	17.5	35.3	38.3	64.0	65.0	20.3	23.5	47.4	74.3
1970	32.5	52.1	50.7	16.6	25.5	47.1	35.6	57.0	55.4	18.2	27.9	51.6	91.4
1971	36.0	58.5	55.4	17.7	29.2	51.4	37.5	60.9	56.7	18.4	30.4	53.5	96.0
1972	36.8	58.5	56.0	18.1	31.9	52.9	36.8	58.5	56.0	18.1	31.9	52.9	100.0
1973	43.2	67.1	72.4	21.2	35.5	58.9	40.0	63.4	68.4	20.0	33.6	55.7	105.8
1974	72.4	118.5	124.9	29.7	66.4	98.4	62.4	102.1	107.7	25.6	57.2	84.8	116.0
1975	86.4	132.2	116.7	43.6	82.9	137.9	68.0	104.0	91.8	34.3	65.2	108.5	127.2
1976	94.9	141.2	141.0	56.9	83.9	147.5	70.9	105.6	105.4	42.5	62.7	110.3	133.8
1977	107.3	147.8	173.9	77.4	89.5	154.5	75.8	104.4	122.8	54.7	63.2	109.1	141.6
1978	117.7	155.2	195.6	88.8	97.8	149.9	77.4	102.1	128.6	58.4	64.3	98.6	152.1
1979, prel	136.8	192.4	(NA)	112.3	104.8	157.3	82.7	116.4	(NA)	67.9	68.9	95.0	165.5
Percent change:													
1960–70	8.3	4.8	−8.2	23.0	39.3	42.7	−22.7	−21.2	−31.3	−27.6	4.9	7.5	33.0
1970–73	32.9	28.8	42.8	27.7	39.2	7.7	12.4	11.2	23.5	9.9	20.4	2.6	15.8
1973–75	100.0	97.0	61.2	105.7	133.5	174.7	70.0	64.0	34.2	71.5	94.0	128.4	20.2
1975–78	36.2	17.4	67.6	103.7	18.0	8.7	13.8	−1.8	40.1	70.3	−1.4	−9.1	19.6
1978–79	16.2	24.0	(NA)	26.5	7.2	4.9	6.8	14.0	(NA)	16.3	7.2	−3.7	8.8

NA Not available. [1] Weighted by relative importance of individual fuels in total mineral fuels production. [2] Includes lignite. [3] GNP=Gross national product; see text, p. 475.

Source of tables 1033 and 1034: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1035. Energy Research and Development—Federal Budget Authority, 1979 to 1981, and Industrial Expenditures, 1977 to 1979

[**In millions of dollars, except percent.** R & D=Research and development]

ITEM	1979	1980, est.	1981, est.	ITEM	1977	1978	1979, est.
Federal energy budget authority	3,461	3,765	3,675	Industrial energy R&D	2,599	3,069	3,365
Percent of total Federal R&D	11.7	12.3	(NA)	Percent of total industry R&D	8.7	9.2	8.9
Dept. of Energy [1]	3,192	3,444	3,313	Nuclear	935	1,006	1,038
Nuclear fission	1,006	1,014	786	Fossil fuels	765	859	1,006
Fossil energy	668	743	653	Other	899	1,204	1,321
Solar	463	503	580				

NA Not available. [1] Includes breakdown not shown separately.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function: Fiscal Years 1979-81* and *Research and Development in Industry*, annual.

No. 1036. Energy Producing Companies—Selected Financial and Investment Indicators, 1974 to 1978, and by Line-of-Business, 1978

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales]

Item	1974	1975	1976	1977	1978, prel.					
					Total [1]	Line-of-business				
						Petroleum	Coal	Nuclear	Other energy	Non-energy
INCOME STATEMENT (bil. dol.)										
Operating revenues	197.0	206.1	233.8	266.7	294.8	258.4	2.2	[2] .8		42.2
Operating expenses	164.4	177.8	205.0	238.6	264.4	228.4	2.0	[2] 1.1		40.1
Operating income	32.6	28.3	28.8	28.1	30.4	30.0	0.1	−.1	−.2	2.1
Pretax income	34.4	29.9	30.3	28.2	30.1	32.0	0.1	−.1	−.2	2.4
Funds from operations	23.6	19.0	22.8	25.9	29.4	27.7	0.4	0.1	–	3.8
BALANCE SHEET (bil. dol.)										
Net property, plant, and equipment	86.2	94.6	108.1	125.6	137.8	105.9	3.1	0.9	2.2	24.3
Net investment in place [3]	91.7	103.0	117.1	134.8	147.8	112.0	3.3	0.9	2.2	27.3
Total assets	158.6	171.0	193.7	216.6	236.6	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)										
Net income to operating revenues	6.9	5.0	5.2	4.7	4.7	5.7	6.2	[2] −17.1		4.2
Net income to total assets	8.5	6.0	6.2	5.8	5.9	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity	16.8	12.2	13.0	12.6	12.8	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity [4]	29.9	33.1	36.2	38.6	35.4	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets [4]	15.2	16.4	17.3	17.9	16.2	(NA)	(NA)	(NA)	(NA)	(NA)

– Represents zero. NA Not available. [1] Includes items which cannot be allocated and adjustment for duplication, not shown separately. [2] Combined to avoid disclosure. [3] Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. [4] Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, Performance Profiles of Major Energy Producers, 1977, and unpublished data. Prior to 1977, from *Standard and Poor's Compustat Services, Inc.*

No. 1037. U.S. Foreign Trade in Selected Mineral Fuels: 1960 to 1979

[Btu=British thermal units. See text, p. 601. Minus sign (−) denotes an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970,* series M 100, 101, 127, 128, 140, 141, 178, and 181]

Year	Natural gas						Crude oil					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	155.6	161	11.3	12	−144.3	−149	372	2,199	3	17	−369	−2,182
1965	456.4	471	19.6	20	−436.8	−444	439	2,578	1	6	−438	−2,572
1970	820.6	846	69.8	72	−751.0	−774	483	2,812	5	29	−478	−2,783
1971	934.5	964	80.2	83	−854.3	−881	613	3,570	1	6	−612	−3,574
1972	1,019.5	1,047	76.0	80	−941.5	−967	811	4,711	(Z)	1	−811	−4,710
1973	1,032.9	1,060	77.2	79	−955.7	−981	1,184	6,887	1	6	−1,183	−6,881
1974	959.3	985	76.8	78	−882.5	−907	1,269	7,394	1	6	−1,268	−7,388
1975	953.0	978	72.7	74	−880.3	−904	1,498	8,720	2	12	−1,496	−8,708
1976	963.8	988	64.7	66	−899.1	−922	1,935	11,239	3	17	−1,932	−11,221
1977	1,011.0	1,037	56.0	56	−955.0	−981	[1] 2,414	[1] 14,025	18	104	−2,396	−13,921
1978	965.5	995	53.0	53	−912.5	−941	[1] 2,320	[1] 13,461	58	336	−2,262	−13,125
1979	1,231	1,268	50.0	51	−1,181.0	−1,217	[1] 2,332	[1] 13,530	86	499	−2,246	−13,031

Year	Coal						Petroleum products					
	Imports		Exports [2]		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	262	7	37,981	1,044	37,719	1,037	293	1,839	71	393	−222	−1,446
1965	184	5	52,165	1,438	51,981	1,443	449	2,821	67	372	−382	−2,449
1970	36	1	72,419	1,993	72,383	1,992	765	4,672	90	519	−675	−4,153
1971	111	3	58,022	1,569	57,911	1,566	819	4,974	81	466	−738	−4,508
1972	47	1	57,188	1,566	57,141	1,565	924	5,571	81	463	−843	−5,108
1973	127	3	54,030	1,455	53,903	1,452	1,099	6,625	84	483	−1,015	−6,142
1974	2,080	48	61,095	1,688	59,015	1,640	962	5,747	79	476	−883	−5,323
1975	940	22	66,309	1,790	65,369	1,768	712	4,229	74	446	−638	−3,851
1976	1,203	27	60,021	1,621	58,818	1,594	741	4,430	79	448	−662	−3,982
1977	1,647	41	54,312	1,466	52,509	1,421	800	4,730	70	407	−730	−4,323
1978	2,953	74	40,691	1,100	37,738	1,026	733	4,364	74	432	−659	−3,932
1979	2,059	51	66,016	1,784	63,957	1,739	689	4,106	86	502	−603	−3,604

Z Less than 500,000. [1] Includes strategic petroleum reserve imports. [2] Includes shipments to U.S. Armed Forces.

Source: 1960–1972, U.S. Library of Congress, *Energy Facts,* November 1973; thereafter, U.S. Energy Information Administration, *Annual Report to Congress,* vol. II.

No. 1038. Crude Oil and Refined Products Summary: 1973 to 1980

[Barrels of 42 gallons]

Year and month	Crude oil (1,000 bbl. per day)					Refined oil products (1,000 bbl. per day)			Total oil imports [1] (1,000 bbl. per day)	Crude oil stocks [2] (mil. bbl.)	
	Input to refineries	Domestic production	Imports		Exports	Domestic demand	Imports	Exports		Total	Strategic reserve
			Total	Strategic reserve							
1973, avg	12,431	9,208	3,244	(x)	2	17,308	3,012	229	6,256	242	(x)
1974, avg	12,133	8,774	3,477	(x)	3	16,653	2,635	218	6,112	265	(x)
1975, avg	12,442	8,375	4,105	(x)	6	16,322	1,951	204	6,056	271	(x)
1976, avg	13,416	8,132	5,287	(x)	8	17,461	2,026	215	7,313	285	(x)
1977, avg	14,602	8,245	6,594	80	50	18,431	2,193	193	8,807	340	(x)
1978, avg	14,739	8,707	6,195	161	158	18,847	2,008	204	8,363	309	67
1st qtr	14,093	8,489	5,947	119	57	20,075	2,259	189	8,317	345	18
2d qtr	14,530	8,825	5,809	129	137	18,081	1,853	212	7,794	333	30
3d qtr	15,064	8,771	6,414	187	190	18,076	1,929	215	8,535	321	47
4th qtr	15,253	8,741	6,598	210	247	19,173	1,995	198	8,802	309	67
1979, avg	14,497	8,533	6,411	67	234	18,434	1,933	238	8,411	339	91
1st qtr	14,286	8,514	6,333	168	278	20,297	2,225	216	8,804	317	83
2d qtr	14,423	8,510	6,219	76	221	17,564	1,717	245	8,091	326	89
3d qtr	14,758	8,507	6,378	26	221	17,422	1,687	236	8,305	324	91
4th qtr	14,516	8,601	6,430	-	217	18,391	2,013	255	8,438	339	91
1980, avg	13,705	8,693	5,687	-	309	17,349	1,626	249	7,312	382	91
1st qtr	13,945	8,685	6,029	-	315	18,157	1,872	233	7,901	362	91
2d qtr	13,465	8,700	5,344	-	303	16,540	1,379	265	6,723	382	91

- Represents zero. X Not applicable. [1] Crude oil (including Strategic Petroleum imports) plus refined products. [2] End of year or quarter.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, September 1980, *Short-Term Energy Outlook*, May 1980, and *Weekly Petroleum Status Report*, various issues.

No. 1039. Crude Oil Imports Into U.S., by Country of Origin: 1970 to 1979

Country	Imports (mil. 42-gal. bbls.)									Percent distribution				
	1970	1972	1973	1974	1975	1976	1977	1978	1979	1970	1973	1975	1978	1979
Total	**483**	**811**	**1,184**	**1,269**	**1,498**	**1,935**	**2,414**	**2,320**	**2,332**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Canada	245	312	365	289	219	136	102	90	98	50.7	30.8	14.6	3.9	4.2
Mexico	-	-	(Z)	1	26	32	65	115	158	-	(Z)	1.7	5.0	6.8
Norway	-	-	-	(Z)	5	13	18	38	28	-	-	.3	1.6	1.2
Trinidad-Tobago	(Z)	9	22	23	42	38	49	52	44	(Z)	1.9	2.8	2.2	1.9
United Kingdom	-	-	-	-	-	5	36	62	72	-	-	-	2.7	3.1
OPEC	**222**	**475**	**767**	**926**	**1,171**	**1,663**	**2,058**	**1,892**	**1,856**	**46.0**	**64.8**	**78.2**	**81.6**	**79.6**
Algeria	2	32	44	66	96	149	198	231	220	.4	3.7	6.4	9.9	9.4
Ecuador	-	5	17	15	21	19	20	14	11	-	1.4	1.4	.6	.5
Gabon	-	-	-	9	10	10	13	14	15	-	-	.6	.6	.6
Indonesia	26	60	73	103	138	196	185	195	137	5.4	6.2	9.2	8.4	5.9
Iran	12	50	79	169	102	109	193	202	108	2.5	6.7	6.8	8.7	4.6
Iraq	-	1	2	-	(Z)	10	27	23	32	-	.1	(Z)	1.0	1.4
Kuwait	12	13	15	2	1	(Z)	15	2	2	2.5	1.3	.1	.1	.1
Libya	17	40	49	1	81	162	257	233	233	3.5	4.1	5.4	10.0	10.0
Nigeria	17	89	164	254	272	371	412	332	389	3.5	13.9	18.2	14.3	16.7
Qatar	-	1	3	6	7	9	24	23	11	-	.1	.5	1.0	.5
Saudi Arabia	15	64	169	160	256	447	501	417	488	3.1	14.3	17.1	18.0	20.9
Un. Arab Emir's [1]	23	27	26	25	43	93	122	141	102	4.8	2.2	2.9	6.1	4.4
Venezuela	98	93	126	116	144	88	91	66	107	20.3	10.6	9.6	2.8	4.6
Other	16	15	30	30	35	48	86	71	87	3.3	2.5	2.3	3.1	3.7

- Represents zero. Z Less than 500,000 or less than .05 percent. [1] Abu Dhabi prior to 1972.

Source: 1970–1976, U.S. Bureau of Mines, *Minerals Yearbook* and *Mineral Industry Surveys;* thereafter, U.S. Energy Information Administration, *Energy Data Report, Petroleum Statement*, annual.

No. 1040. Petroleum and Coal Products—Sales, Net Profit, and Profit Per Dollar of Sales: 1965 to 1979

[Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1965	1970	1972	1973	1974 [1]	1974 [2]	1975 [2]	1976 [2]	1977 [2]	1978 [2]	1979 [2]
Sales	Bil. dol	41.4	64.1	78.1	97.8	180.4	113.5	121.8	141.3	162.3	180.3	242.6
Net profit:												
Before taxes [3]	Bil. dol	5.3	7.0	6.5	9.5	15.6	17.7	13.3	16.9	17.8	19.2	32.2
After taxes	Bil. dol	4.5	5.9	5.2	7.4	12.3	14.5	9.3	11.7	12.2	12.8	21.9
Depreciation [4]	Bil. dol	2.9	4.5	5.0	5.7	(NA)	5.1	5.6	5.9	6.6	7.7	9.4
Profits per dollar of sales:												
Before taxes [3]	Cents	12.7	11.0	8.4	9.8	8.6	15.6	10.9	12.0	11.0	10.6	13.2
After taxes	Cents	10.9	9.2	6.7	7.6	6.8	12.8	7.6	8.3	7.5	7.1	9.0
Profits on stockholders' equity:												
Before taxes [3]	Percent	13.9	13.0	11.0	14.9	(NA)	25.8	17.9	20.3	19.9	19.8	30.1
After taxes	Percent	11.8	11.0	8.7	11.6	(NA)	21.1	12.5	14.1	13.6	13.3	20.5

NA Not available. [1] Estimates based on FTC reporting requirements in use prior to 1974. [2] Beginning 1974, based on new FTC reporting requirements. [3] Federal income taxes. [4] Includes depletion and accelerated amortization of *emergency facilities.*

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 1041. Major Petroleum Companies—Financial Data Summary: 1970 to 1979

[Data represent a composite of approximately 43 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
FINANCIAL DATA (bil. dol.)										
Net income	6.9	7.2	6.8	11.8	15.9	11.6	14.3	15.1	16.0	32.2
Depreciation, depletion, etc	7.4	8.0	9.1	10.5	13.0	11.3	14.8	18.3	19.8	26.1
Cash flow [1]	14.2	15.2	15.9	22.3	28.9	22.8	29.1	33.4	35.8	58.3
Dividends paid	3.8	3.8	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.2
Net internal funds available for investment or debt repayment [2]	10.5	11.4	12.1	18.3	24.5	18.1	23.7	27.1	29.0	50.1
Capital and exploratory expenditures	13.3	14.2	14.3	16.3	25.8	26.9	30.7	31.8	37.1	52.2
Long-term capitalization	84.5	90.5	93.7	102.9	112.9	121.1	142.9	150.1	168.0	194.1
Long-term debt	18.5	20.8	21.8	22.5	25.0	28.9	39.1	38.4	45.1	47.4
Preferred stock	1.3	.4	.4	.4	.4	.4	.3	.9	.9	.9
Common stock and retained earnings [3]	64.6	69.3	71.5	80.0	87.4	91.9	103.5	110.8	122.0	145.8
Excess of expenditures over cash income [4]	2.8	2.8	2.2	−2.0	1.3	8.9	6.9	4.7	8.1	2.1
RATIOS [5] (percent)										
Long-term debt to long-term capitalization	21.9	23.0	23.3	22.0	22.2	23.8	27.4	25.6	26.8	24.4
Net income to total average capital	8.3	8.2	7.4	12.0	14.8	10.0	10.7	10.1	9.9	17.8
Net income to avg. common equity	10.7	10.8	9.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0

[1] Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. [2] Cash flow minus dividends paid. [3] Includes common stock, capital surplus, and earned surplus accounts after adjustments. [4] Capital and exploratory expenditures plus dividends paid minus cash flow. [5] Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Pforzheimer & Co., New York, N.Y., *Comparative Oil Company Statistics, 1979–1980.*

No. 1042. Electric Utility Energy Use, 1960 to 1979, and Projected Requirements, 1980 to 1989

[Excludes industrial facilities and railways having own generating facilities. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1977	1978	1979 [1]	1980	1985	1989
Energy use (bil. kWh)	753	1,055	1,532	1,918	2,124	2,206	2,247	2,505	3,238	4,142
Annual percent change [2]	6.7	7.0	7.7	4.6	5.2	3.9	1.9	5.7	5.3	5.0
Per capita [3] kWh (1,000)	4.2	5.5	7.5	9.0	9.8	10.1	10.2	11.3	13.9	17.0
Peak load (mil. kW)	138	189	276	345	390	396	402	438	550	644
Annual percent change [2]	7.1	6.5	7.9	4.6	6.3	1.5	1.5	5.2	4.7	4.0

[1] Preliminary. [2] Average annual change from prior year shown; for 1960, change from 1955. [3] Based on U.S. Bureau of the Census population data including Armed Forces abroad for July 1, except 1970. Projection figures used are for series II (see table 34, p. 30) based on 1976 estimates of the population.

Source: 1960–1975, U.S. Federal Power Commission, unpublished data; thereafter, U.S. Energy Information Administration, *Annual Summary of Capacity, Production, and Fuel Consumption* and *Monthly Electric Energy and Peak Load Data—December;* and unpublished data.

No. 1043. Electric Energy Production and Installed Generating Capacity, by Type of Prime Mover and Consumption of Fuels: 1960 to 1979

[Production for **calendar years;** other data as of **December 31.** 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
PRODUCTION										
Total	**Bil. kWh**	**842**	**1,158**	**1,640**	**1,968**	**2,003**	**2,125**	**2,212**	**2,265**	**2,319**
Average annual change [1]	Percent	6.0	6.6	7.2	4.7	1.8	6.1	4.1	3.3	1.5
Production, kWh per kW of capacity	Number	4,529	4,548	4,545	3,962	3,798	3,863	3,818	3,818	3,766
Industrial plants [2]	Bil. kWh	88	102	108	101	85	87	88	79	71
Electric utilities [3]	Bil. kWh	753	1,055	1,532	1,867	1,918	2,038	2,124	2,206	2,247
Privately owned	Bil. kWh	579	809	1,183	1,442	1,487	1,582	1,684	1,721	1,756
Percent of total utilities	Percent	76.8	76.7	77.2	77.2	77.5	77.6	79.3	78.0	78.1
Publicly owned	Bil. kWh	175	246	349	425	431	456	440	485	491
Municipal	Bil. kWh	37	50	71	79	82	78	83	90	87
Federal	Bil. kWh	112	145	186	220	221	236	214	235	236
Cooperatives and other	Bil. kWh	26	51	91	126	128	141	143	160	168
Source of energy:										
Coal [4]	Percent	53.5	54.1	46.2	44.6	44.7	46.5	46.6	44.4	48.1
Nuclear	Percent	.1	.4	1.4	6.1	9.0	9.4	11.8	12.5	11.4
Oil	Percent	6.1	6.1	11.9	16.0	15.1	15.7	16.8	16.5	13.5
Gas	Percent	21.0	21.0	24.3	17.1	15.6	14.5	14.4	13.8	14.7
Hydro	Percent	19.3	18.4	16.2	16.1	15.6	13.9	10.4	12.7	12.4
INSTALLED CAPACITY										
Total	**Mil. kW**	**186**	**255**	**361**	**497**	**527**	**550**	**579**	**598**	**616**
Average annual change [1]	Percent	7.3	6.5	7.2	8.4	6.0	4.6	5.3	3.3	2.9
Industrial plants [2]	Mil. kW	18	18	19	19	19	19	19	19	17
Electric utilities [3]	Mil. kW	168	236	342	478	508	531	560	579	598
Privately owned	Mil. kW	128	178	263	377	399	415	438	454	464
Percent of total utilities	Percent	76.5	75.2	76.9	79.0	78.5	78.2	78.2	78.3	77.6
Publicly owned	Mil. kW	40	59	79	100	109	116	122	126	134
Municipal	Mil. kW	11	15	21	27	29	31	33	34	34
Federal	Mil. kW	22	32	39	46	50	52	53	54	58
Cooperatives and other	Mil. kW	6	11	19	26	30	33	36	37	42
ELECTRIC UTILITIES [3] TYPE OF PRIME MOVER										
Prime movers, total [5]	Number	3,435	3,290	3,533	3,691	3,587	3,576	3,587	3,586	3,573
Hydro	Number	1,331	1,231	1,188	1,159	1,146	1,140	1,145	1,146	1,145
Steam conventional	Number	1,055	1,059	998	994	937	927	926	922	925
Gas turbine	Number			323	494	497	510	520	529	537
Steam nuclear	Number	5	9	16	38	42	45	49	50	51
Internal combustion	Number	1,044	991	1,008	1,006	965	954	947	939	915
Production	Bil. kWh	753	1,055	1,532	1,867	1,918	2,038	2,124	2,206	2,247
Hydro	Bil. kWh	146	194	248	301	300	284	220	280	280
Steam conventional	Bil. kWh	602	852	1,241	1,414	1,417	1,534	1,619	1,613	1,680
Gas turbine	Bil. kWh			16	32	22	24	29	31	28
Steam nuclear	Bil. kWh	1	4	22	114	173	191	251	276	255
Internal combustion	Bil. kWh	4	5	6	6	6	5	5	5	4
Installed capacity	Mil. kW	168	236	342	478	508	531	560	579	598
Hydro	Mil. kW	32	44	55	64	66	68	69	71	75
Steam conventional	Mil. kW	133	188	260	338	353	368	388	400	412
Gas turbine	Mil. kW			15	40	44	47	48	49	51
Steam nuclear	Mil. kW	(z)	1	6	32	40	43	50	54	55
Internal combustion	Mil. kW	3	3	4	5	5	5	5	6	5
ELECTRIC UTILITIES [3] CONSUMPTION OF FUELS										
Net generation by fuel [6]	Bil. kWh	607	861	1,284	1,566	1,618	1,754	1,904	1,926	1,968
Average annual change [1]	Percent	6.9	7.2	7.6	5.9	3.3	8.5	8.5	1.2	2.2
Coal [7]	Bil. kWh	403	571	706	830	853	945	985	977	1,076
Percent of total	Percent	66.4	66.3	54.3	53.0	52.7	53.8	51.7	50.7	54.7
Fuel oil	Bil. kWh	46	65	182	299	289	320	358	364	303
Gas	Bil. kWh	158	221	373	320	300	295	306	305	329
Nuclear	Bil. kWh	1	4	22	114	173	191	251	276	255
Fuel consumed:										
Total coal equivalent	Mil. tons [8]	266	369	583	740	770	833	922	950	965
Coal, including lignite	Mil. tons [8]	177	245	321	392	406	448	477	482	527
Oil	Mil. bbl	85	115	336	536	506	556	624	636	523
Gas	Bil. cu. ft	1,724	2,321	3,932	3,443	3,158	3,081	3,191	3,188	3,490

Z Less than .5 million. [1] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Plants of 100 kilowatts and over, including stationary powerplants of railroads. [3] For public use. [4] Includes small percentage from wood and waste, geothermal, and petroleum coke. [5] Each prime mover type in combination plants counted separately. [6] Includes limited output of wood, waste, and geothermal power. [7] Includes petroleum coke. [8] Short tons.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics,* and press releases; thereafter, U.S. Energy Information Administration, *Annual Summary of Capacity, Production, and Fuel Consumption,* and unpublished data.

No. 1044. Electric Energy—Production and Installed Generating Capacity, 1970 to 1979, and Percent Privately Owned, 1979, by States

[Capacity as of Dec. 31. Covers utilities for public use and industrial plants. Minus sign (–) denotes decrease]

State	Production (bil. kWh)				Installed capacity (mil. kW)				Annual percent change,[1] 1970–1979		Percent privately owned,[2] 1979	
	1970	1975	1978	1979	1970	1975	1978	1979	Production	Capacity	Production	Capacity
U.S	1,640.0	2,003.0	2,285.3	2,318.7	360.8	527.3	598.5	615.7	3.9	6.1	75.7	75.4
N.E	65.6	73.9	84.0	81.5	14.6	21.6	22.0	22.1	2.5	4.8	95.1	93.0
Maine	7.3	10.5	11.1	10.0	1.4	2.3	2.6	2.9	3.6	8.2	74.6	81.1
N.H	5.4	5.0	5.1	6.4	1.2	1.6	1.6	1.6	1.9	3.0	96.0	97.0
Vt	1.0	4.6	4.2	4.4	.3	.9	1.0	.9	18.0	11.7	97.0	92.4
Mass	30.2	31.3	37.0	36.1	6.6	9.8	10.1	10.0	2.0	4.8	97.6	92.7
R.I	1.6	.8	.6	.6	.4	.3	.3	.3	–10.6	–5.6	99.3	99.3
Conn	20.0	21.7	26.0	24.0	4.6	6.6	6.4	6.4	2.0	3.7	99.2	97.8
M.A	221.6	245.5	273.0	265.8	52.3	69.3	78.7	78.6	2.0	4.6	85.2	89.1
N.Y	97.8	109.5	115.5	107.3	22.7	28.9	31.8	31.8	1.0	3.8	67.6	76.8
N.J	38.3	24.0	31.1	27.1	8.9	11.6	12.6	12.5	–3.8	3.8	97.0	97.9
Pa	85.5	112.0	126.3	131.4	20.7	28.8	34.3	34.4	4.9	5.8	97.2	97.3
E.N.C	313.0	373.3	405.3	420.0	67.8	95.6	106.7	110.2	3.3	5.6	92.7	91.8
Ohio	85.8	105.7	112.1	119.6	18.2	25.7	27.9	28.2	3.8	5.0	96.8	94.4
Ind	59.3	65.4	68.0	73.9	12.2	14.6	16.9	18.4	2.5	4.7	87.7	90.4
Ill	76.7	94.7	108.5	106.1	18.3	26.0	29.7	30.3	3.7	5.8	95.4	94.5
Mich	61.4	72.3	78.0	81.4	12.1	20.0	22.0	22.8	3.2	7.2	90.2	89.5
Wis	29.8	35.4	38.6	39.0	6.9	9.3	10.2	10.5	3.1	4.7	87.4	84.2
W.N.C	102.8	136.6	162.3	165.3	24.9	37.7	44.4	47.9	5.4	7.5	64.3	64.1
Minn	20.4	28.3	35.3	33.3	4.5	7.3	8.7	8.7	5.5	7.5	88.6	82.3
Iowa	15.1	16.4	18.0	20.5	3.7	5.5	6.6	7.4	3.5	7.9	90.6	84.4
Mo	29.4	40.8	46.2	47.4	7.7	11.2	13.9	13.9	5.4	6.8	74.0	75.6
N. Dak	6.7	8.4	13.0	13.9	1.4	1.7	2.2	2.9	8.3	8.6	4.1	6.4
S. Dak	7.3	10.1	9.8	9.2	1.7	2.1	2.2	2.2	2.5	2.8	31.2	36.3
Nebr	8.0	13.3	15.2	17.4	2.2	3.8	3.9	5.1	9.1	9.7	–	–
Kans	15.9	19.2	24.7	23.6	3.7	6.0	6.8	7.6	4.5	8.5	83.4	75.9
S.A	263.5	355.5	411.7	417.9	56.6	95.2	108.8	110.2	5.3	7.7	90.4	89.4
Del	5.8	6.2	7.3	7.1	1.0	1.6	1.7	1.7	2.2	5.5	91.8	87.8
Md	24.9	28.1	36.2	35.0	5.3	7.8	9.4	9.4	3.9	6.6	97.0	96.8
D.C	3.1	1.2	1.6	1.0	1.1	1.3	1.3	1.3	–11.5	1.2	100.0	99.0
Va	31.0	37.3	43.3	36.8	6.8	10.2	11.2	11.1	1.9	5.5	92.2	93.7
W. Va	39.2	63.5	64.0	69.8	7.2	12.5	13.1	13.7	6.6	7.4	97.1	96.2
N.C	53.2	54.6	65.1	69.8	10.0	15.2	16.1	16.1	3.1	5.5	95.0	95.7
S.C	19.0	40.3	44.3	43.3	4.6	11.1	12.1	12.1	9.6	11.4	79.5	81.2
Ga	29.4	44.2	55.2	58.6	6.7	13.4	15.6	16.6	8.0	10.5	91.9	90.6
Fla	57.8	80.1	94.6	96.4	13.9	22.1	28.4	28.3	5.9	8.3	82.7	80.9
E.S.C	151.7	176.2	207.3	211.1	32.0	47.0	52.2	53.7	3.7	5.9	34.2	37.9
Ky	45.2	51.1	55.6	54.8	9.4	12.1	13.5	13.4	2.2	4.1	38.4	46.0
Tenn	45.0	55.9	60.4	60.2	9.8	14.6	14.6	16.1	3.3	5.8	1.8	1.1
Ala	49.9	57.1	71.6	78.9	10.2	15.6	18.6	18.5	5.2	6.9	44.6	49.6
Miss	11.6	12.1	19.6	17.2	2.7	4.7	5.6	5.6	4.5	8.5	86.8	85.4
W.S.C	211.4	261.9	317.0	313.1	46.1	71.4	84.5	86.6	4.5	7.3	82.4	77.0
Ark	15.4	15.2	19.7	18.0	3.6	5.2	5.7	5.7	1.8	5.1	71.8	71.1
La	46.4	50.1	61.8	56.1	9.2	13.3	14.7	14.6	2.1	5.3	75.6	77.6
Okla	23.6	33.4	41.0	41.7	4.8	7.9	9.8	10.4	6.5	8.8	87.4	81.6
Tex	125.9	163.2	194.5	197.2	28.4	44.9	54.3	56.0	5.1	7.8	84.2	76.6
Mt	76.9	115.8	141.0	153.5	17.8	28.6	33.5	35.2	8.0	7.9	67.1	64.1
Mont	10.0	11.9	16.8	15.7	1.8	2.4	3.1	3.2	5.1	6.3	67.1	62.6
Idaho	7.3	10.4	10.0	9.3	1.3	1.7	1.8	1.8	2.9	3.6	65.8	63.7
Wyo	6.7	12.2	19.4	22.3	1.2	2.8	3.7	4.2	14.4	15.2	94.1	93.3
Colo	12.3	16.8	21.2	22.6	2.9	4.4	4.8	5.5	7.0	7.3	65.5	60.5
N. Mex	15.6	20.2	20.0	20.6	3.6	4.2	4.7	4.6	3.2	2.9	95.9	92.8
Ariz	14.4	23.0	30.5	35.9	4.3	7.9	9.3	9.7	10.7	9.5	21.1	29.5
Utah	4.8	7.4	10.0	12.1	1.0	1.5	2.4	2.4	11.0	9.7	83.5	82.4
Nev	5.9	13.8	13.1	14.9	1.6	3.6	3.7	3.9	10.8	10.2	87.9	80.8
Pac	233.4	264.4	283.7	290.6	48.9	61.1	67.6	71.1	2.5	4.3	50.1	47.0
Wash	73.0	93.5	99.8	91.5	13.0	17.1	19.9	22.6	2.5	6.3	12.5	11.4
Oreg	30.5	35.0	34.1	35.7	5.7	7.8	8.1	8.0	1.8	3.9	34.1	45.2
Calif	123.9	127.2	139.9	153.2	28.7	34.0	37.1	37.8	2.4	3.1	75.4	68.1
Alaska	1.5	2.5	3.2	3.3	.4	.7	1.1	1.2	9.1	12.6	2.7	3.7
Hawaii	4.4	6.2	6.8	6.8	1.1	1.4	1.6	1.5	4.9	3.5	94.3	92.3

– Represents zero. [1] For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Percent privately owned electric utilities of total production or capacity.

Source: 1970, U.S. Federal Power Commission, *Electric Power Statistics*, monthly; thereafter, U.S. Energy Information Administration, *Six-Year Summary of Power Production and Generating Capacity Data* and *Annual Summary of Capacity, Production, and Fuel Consumption*.

No. 1045. Electric Utility Industry—Capability, Peak Load, and Capability Margin: 1970 to 1979

[Excludes Alaska and Hawaii]

Year	Capability			Peak load		Capability margin	
	Total (mil. kW)	Annual increase (mil. kW)	Percent annual increase [1]	Total (mil. kW)	Annual percent change [1]	Total (mil. kW)	Percent of capability
1970: Summer	326.9	26.6	8.9	274.7	6.6	52.3	16.0
December	339.1	27.6	8.9	248.6	5.1	90.5	26.7
1974: Summer	444.4	28.9	7.0	349.3	1.6	95.2	21.4
Winter	467.4	34.2	7.9	302.5	2.5	164.9	35.3
1975: Summer	479.3	34.9	7.9	356.8	2.2	122.5	25.6
Winter	492.5	25.1	5.4	331.1	9.5	161.4	32.8
1976: Summer	498.8	19.5	4.1	370.9	4.0	127.9	25.6
Winter	511.0	18.5	3.8	349.9	5.7	161.1	31.5
1977: Summer	516.0	17.3	3.5	396.4	6.9	119.7	23.2
Winter	537.6	26.6	5.2	360.2	2.9	177.4	33.0
1978: Summer	545.7	29.7	5.8	408.1	3.0	137.7	25.2
Winter	561.6	24.0	4.5	383.1	6.4	178.5	31.8
1979: Summer	560.2	14.5	2.7	411.6	0.9	148.7	26.5
Winter	569.2	7.6	1.4	380.7	0.6	188.5	33.1

[1] Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, D.C., *1978 Statistical Year Book of the Electric Utility Industry* and *1980 Annual Electric Power Survey.*

No. 1046. Privately and Publicly Owned Electric Utility Generating Plants—Number and Capacity, by Type and Size of Prime Mover: 1970 to 1979

[Capacity as of **Dec. 31.** Each prime mover type in combination plants is counted separately]

Type and size of prime mover	Number of prime movers						Capacity (mil. kilowatts)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
	Privately owned											
Total	**2,037**	**2,074**	**2,080**	**2,078**	**2,084**	**2,087**	**262.8**	**398.9**	**415.4**	**438.3**	**453.5**	**464.0**
Steam conventional	672	622	623	621	618	620	222.4	303.8	316.3	332.3	342.4	350.9
Under 100,000 kW	220	153	148	143	138	135	8.2	6.2	5.9	5.7	5.6	5.6
100,000–500,000 kW	299	252	244	239	236	237	77.1	65.6	63.7	62.9	63.1	63.3
Over 500,000 kW	153	217	231	239	244	248	137.1	232.0	246.7	263.8	273.7	281.9
Steam, nuclear	15	35	37	41	42	43	5.7	33.5	35.4	41.7	45.0	46.1
Over 500,000 kW	7	29	31	36	37	37	4.5	32.3	34.1	40.8	44.1	44.8
Hydro	754	727	729	730	731	733	18.9	23.1	23.1	23.1	23.8	23.9
Over 25,000 kW	165	169	170	171	172	173	15.6	19.9	20.0	20.0	20.7	20.7
Gas turbine	265	388	391	395	404	406	14.4	37.0	38.8	39.6	40.5	41.4
Over 25,000 kW	126	261	264	270	276	279	12.1	34.9	36.7	37.4	38.4	39.3
Internal combustion	331	302	300	291	289	285	1.3	1.5	1.7	1.6	1.8	1.8
Under 5,000 kW	238	198	188	183	178	172	.5	.4	.4	.4	.4	.4
Over 5,000 kW	93	104	112	108	111	113	.9	1.1	1.3	1.2	1.4	1.4
	Publicly owned											
Total	**1,496**	**1,517**	**1,501**	**1,509**	**1,502**	**1,486**	**78.8**	**109.3**	**115.6**	**121.9**	**125.6**	**134.3**
Steam, conventional	326	316	305	305	304	305	37.7	49.6	52.1	56.0	57.7	61.5
Under 100,000 kW	254	226	209	205	201	195	6.9	6.9	6.6	6.6	6.4	6.2
100,000–500,000 kW	58	66	71	71	73	75	12.3	14.8	16.1	16.2	16.6	17.6
Over 500,000 kW	14	24	25	29	30	35	18.5	27.8	29.5	33.3	34.6	37.6
Steam, nuclear	1	10	11	8	8	8	.8	6.2	7.5	8.2	8.5	8.5
Over 500,000 kW	1	4	6	6	7	7	.8	4.9	6.6	7.7	8.5	8.5
Hydro	434	419	411	415	415	412	36.3	42.8	44.6	45.6	47.2	51.4
Over 25,000 kW	164	180	181	184	185	186	35.1	41.7	43.5	44.5	46.0	50.3
Gas turbine	58	109	120	125	125	131	1.1	7.1	7.7	8.4	8.5	9.1
Over 25,000 kW	12	46	53	59	60	65	.4	6.1	6.7	7.3	7.4	8.1
Internal combustion	677	663	654	656	650	630	3.0	3.6	3.6	3.7	3.8	3.7
Under 5,000 kW	471	404	397	391	387	361	1.0	.8	.8	.8	.8	.7
Over 5,000 kW	206	259	257	265	263	269	2.0	2.8	2.8	2.9	3.0	3.0

Source: U.S. Energy Information Administration, unpublished data.

NO. 1047. FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1960 TO 1978

[As of June 30. Comprises only electricity-generating plant of these projects; excludes projects not primarily manufacturing electricity (e.g., West Point, Annapolis). Investments represent allocation to power projects for capital equipment and improvements. Reserves for depreciation not deducted]

PROJECT GROUP OR SYSTEM	INSTALLED CAPACITY (1,000 kW)					INVESTMENT ALLOCATED [1] (mil. dol.)				
	1960	1970	1975	1977	1978	1960	1970	1975	1977	1978
Total	**22,616**	**36,650**	**47,394**	**52,246**	**54,530**	**5,398**	**10,121**	**15,043**	**19,167**	**21,456**
Percent capacity of all electric utilities	13.5	10.7	9.7	9.4	9.5	(x)	(x)	(x)	(x)	(x)
Central Valley:										
Bureau of Reclamation	630	1,322	1,331	1,141	1,141	138	213	332	181	239
Columbia Basin:										
Bonneville Power Admin. [2]	–	–	–	–	–	480	1,118	1,626	1,868	1,969
Bureau of Reclamation	2,282	2,464	2,733	3,967	5,167	277	359	621	693	859
Corps of Engineers	3,781	6,522	8,177	9,817	10,774	850	1,603	2,315	3,157	3,383
Hoover and Parker-Davis:										
Bureau of Reclamation	1,595	1,690	1,690	1,699	1,705	209	225	230	236	236
Missouri Basin:										
Bureau of Reclamation	397	693	691	684	708	304	508	552	606	609
Corps of Engineers	745	2,048	2,048	2,008	2,055	357	714	721	723	733
Southeastern Power Admin.:										
Corps of Engineers	1,271	1,910	2,083	2,651	2,651	410	644	746	938	956
Southwestern Power Admin.:										
S'western Power Admin. [2]	–	–	–	–	–	27	56	61	62	63
Corps of Engineers	601	1,533	1,847	1,917	1,926	203	438	611	614	615
Tennessee Valley Authority	11,032	17,256	25,450	27,018	27,032	2,054	3,703	6,671	9,239	10,926
Other projects	282	1,212	1,344	1,344	1,371	88	540	557	850	868

– Represents zero. X Not applicable. [1] Includes estimates. [2] Transmission.

Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, Statistics of Publicly Owned Electric Utilities in the United States, annual, and annual summaries.

NO. 1048. RURAL ELECTRIFICATION ADMINISTRATION—ELECTRIC PROGRAM, SUMMARY OF OPERATIONS: 1960 TO 1979

[Includes Virgin Islands and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970,* series S 147–159]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Loans and guarantees approved Dec. 31: [2]											
Borrowers [3]	Number	1,087	1,103	1,096	1,091	1,094	1,095	1,093	1,097	1,101	1,098
REA amount	Mil. dol	4,256	5,793	7,496	8,945	9,674	10,440	11,180	12,068	12,993	13,950
Guaranteed amount	Mil. dol	–	–	–	–	1,075	2,450	6,124	8,573	10,395	16,760
Non-REA amount	*Mil. dol*	–	–	–	660	917	1,086	1,290	1,566	1,866	2,161
Systems in operation, Dec. 31: [4]											
Systems [5]	Number	1,038	1,052	1,050	1,046	1,047	1,050	1,048	1,051	1,052	1,054
Miles energized [6]	*1,000*	1,465	1,567	1,676	1,767	1,798	1,828	1,857	1,890	1,918	1,950
Consumers served	1,000	4,826	5,541	6,442	7,457	7,768	8,018	8,312	8,631	8,963	9,275
Borrowers' operations during year: [7]											
Energy generated	*Bil. kWh*	4.9	8.8	23.8	32.0	32.8	33.5	38.7	46.0	52.5	60.2
Energy purchased	Bil. kWh	26.1	39.1	60.5	79.2	84.5	91.9	100.1	102.6	107.5	109.1
Energy sold	Bil. kWh	27.3	42.7	76.0	100.7	105.7	112.7	123.2	131.5	141.9	150.1
Revenue	Mil. dol	615	847	1,309	1,913	2,316	2,972	3,556	4,212	5,017	5,770
Average monthly consumption per consumer:											
All consumers	kWh	466	654	948	1,120	1,149	1,191	1,254	1,313	1,339	1,335
Residential consumers [8]	kWh	357	479	687	793	803	840	866	910	937	919
Total utility plant	Bil. dol	3.7	5.0	7.7	9.0	10.1	11.8	14.0	17.3	20.4	23.6
Employees	1,000	(NA)	31.7	37.0	41.4	42.9	43.6	44.7	46.5	48.8	50.8

– Represents zero. NA Not available. [1] Preliminary, except loans approved. [2] Cumulative net (excludes loans rescinded). [3] Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made. [4] Includes data at *time of repayment of loan for borrowers* whose loans have been repaid in full. As of Dec. 31, 1979, there were 111 such borrowers, with 26,690 miles energized and 150,754 consumers served. [5] Rural electric distribution, generation, and transmission systems operated by REA borrowers. [6] Pole miles of electric distribution and transmission line in service. [7] Excludes energy sales and revenues of power sold by one REA borrower to another. [8] *Includes rural-nonfarm and farm consumers.*

Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Electric Borrowers.*

No. 1049. Electric Utilities—Balance Sheet and Income Account of Privately Owned Companies: 1960 to 1978

[In millions of dollars. As of **Dec. 31.** On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970,* series S 133-146 and V 197-212]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
COMPOSITE BALANCE SHEET									
Assets and other debits	**44,742**	**56,395**	**87,417**	**124,849**	**142,990**	**157,104**	**173,080**	**192,055**	**211,093**
Electric utility plant [1]	45,456	59,703	93,303	130,840	146,007	160,711	177,566	196,815	218,001
Depreciation and amortization	*8,889*	*13,631*	*20,253*	*26,227*	*28,870*	*31,891*	*35,567*	*39,814*	*44,482*
Net electric utility plant	36,567	46,072	73,050	104,613	117,137	128,820	141,999	157,001	173,519
Other utility plant	4,852	6,613	8,974	10,799	11,281	11,673	12,097	12,619	13,182
Depreciation and amortization	*963*	*1,418*	*2,095*	*2,620*	*2,865*	*3,107*	*3,368*	*3,662*	*3,932*
Net other utility plant	3,889	5,195	6,879	8,179	8,416	8,566	8,729	8,957	9,250
Total utility plant	50,308	66,315	102,277	141,639	157,288	172,384	189,663	209,434	231,183
Depreciation and amortization	*9,852*	*15,048*	*22,348*	*28,847*	*31,735*	*34,998*	*38,935*	*43,477*	*48,414*
Net total utility plant	40,456	51,267	79,929	112,792	125,553	137,386	150,728	165,957	182,769
Other property and investments	1,004	1,247	1,742	3,412	4,014	4,498	4,822	5,607	6,375
Current and accrued assets	3,066	3,639	5,321	7,705	11,873	13,530	15,571	18,182	18,919
Deferred debits	216	242	425	940	1,550	1,691	1,959	2,309	3,030
Liabilities and other credits [2]	**44,742**	**56,395**	**87,417**	**124,849**	**142,990**	**157,104**	**173,080**	**192,055**	**211,093**
Capital stock	13,322	15,668	20,782	30,836	33,984	37,773	41,613	45,599	49,148
Other paid-in capital	1,747	2,622	4,400	8,048	9,419	11,531	13,444	15,613	17,899
Retained earnings	3,736	5,712	9,363	12,396	13,299	14,668	16,233	17,829	19,376
Subsidiary earnings [3]	(x)	(x)	(x)	394	485	602	667	795	943
Long-term debt	21,035	25,502	41,937	56,673	64,499	70,820	76,210	82,178	88,262
Current and accrued liabilities	3,112	4,222	7,309	10,963	15,240	13,655	14,054	16,035	18,317
Deferred credits and operating reserves	277	546	945	1,540	1,855	2,689	4,046	5,664	7,143
Deferred income taxes [4]	1,325	1,829	2,198	3,347	4,209	5,368	6,813	8,342	10,004
COMPOSITE INCOME ACCOUNTS									
Electric operating revenues	10,116	13,400	19,791	29,104	37,225	44,598	50,552	58,865	65,427
Electric operating expenses	7,917	10,296	15,310	22,677	30,134	36,075	41,126	48,579	54,345
Net electric operating revenues	2,199	3,104	4,481	6,427	7,091	8,523	9,426	10,286	11,082
Other utility operating income	198	304	404	433	495	522	634	589	652
Total utility operating income	2,397	3,409	4,885	6,860	7,586	9,045	10,060	10,875	11,734
Other income	178	191	774	1,571	1,992	2,208	2,489	2,159	2,516
Total income	2,575	3,600	5,659	8,431	9,578	11,253	12,549	13,034	14,250
Income deductions	792	1,019	2,251	3,500	4,454	5,091	5,355	5,026	5,533
Net income [5]	1,783	2,581	3,408	5,041	5,470	6,132	7,201	8,011	8,717

X Not applicable. [1] Includes construction work in progress. [2] Includes contributions in aid of construction through 1973. [3] Unappropriated undistributed. [4] Cumulative. [5] Beginning 1973, includes net extraordinary income.

Source: 1960-1975, U.S. Federal Power Commission and, thereafter, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States,* annual.

No. 1050. Largest Public Utility Companies—Assets, Revenues, Income, and Stockholders' Equity, by Rank of Assets: 1970 and 1979

[In millions of dollars, except percent. Excludes telephone and telegraph companies. As of **Dec. 31** or calendar year, as applicable]

ASSET GROUP	1970				1979			
	Assets [1]	Operating revenues [2]	Net income	Stockholders' equity [3]	Assets [1]	Operating revenues [2]	Net income	Stockholders' equity [3]
40 largest (mil. dol.)	**73,787**	**21,349**	**2,640**	**26,244**	**185,187**	**74,710**	**7,156**	**63,175**
Lowest ten (mil. dol.)	11,135	3,445	432	4,110	27,190	9,105	1,052	8,748
Second ten (mil. dol.)	13,944	4,489	505	4,911	34,030	14,540	1,453	11,459
Third ten (mil. dol.)	18,066	5,687	628	5,832	46,651	20,742	1,825	15,620
Highest ten (mil. dol.)	30,642	7,728	1,075	11,391	77,316	30,323	2,829	27,348
Percent of total:								
Lowest ten	15.1	16.1	16.4	15.7	14.7	12.2	14.7	13.8
Second ten	18.9	21.0	19.1	18.7	18.4	19.5	20.3	18.1
Third ten	24.5	26.6	23.8	22.2	25.2	27.8	25.5	24.7
Highest ten	41.5	36.2	40.7	43.4	41.8	40.6	39.5	43.3

[1] Total assets employed in business, net of depreciation; includes consolidated subsidiaries. [2] Gross receipts from operations during year; includes nonutility revenues from manufacturing, transportation, etc. [3] Capital stock excluding redeemable preferred, surplus, and retained earnings (i.e., net worth).

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory,* July issues. (Copyright.)

No. 1051. Electric Light and Power Industry—Energy Generated, Sales, Revenue, and Customers: 1950 to 1979

[Prior to 1960, excludes Alaska and Hawaii. Sales and revenue are to and from ultimate customers]

CLASS	Unit	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Energy generated [1]	Bil. kWh	329	547	753	1,055	1,532	1,867	1,918	2,037	2,124	2,206	2,247
Sales [2]	**Bil. kWh**	**281**	**481**	**683**	**953**	**1,391**	**1,701**	**1,733**	**1,850**	**1,951**	**2,018**	**2,077**
Residential or domestic	Bil. kWh	70	125	196	281	448	555	586	613	652	679	694
Percent of total	Percent	25.0	26.1	28.7	29.5	32.2	32.6	33.8	33.2	33.4	33.6	33.4
Commercial [3]	Bil. kWh	52	78	115	202	313	393	418	441	469	481	494
Industrial [4]	Bil. kWh	142	258	345	433	573	689	662	725	757	782	813
Revenue [2]	**Bil. dol**	**5.1**	**8.0**	**11.5**	**15.2**	**22.1**	**39.1**	**46.9**	**53.5**	**62.6**	**69.9**	**77.6**
Residential or domestic	Bil. dol	2.0	3.3	4.9	6.3	9.4	15.7	18.8	21.1	24.7	27.4	30.0
Percent of total	Percent	39.7	41.4	42.2	41.8	42.7	40.1	40.1	39.6	39.4	39.2	38.7
Commercial [3]	Bil. dol	1.4	1.9	2.8	4.3	6.3	11.2	13.5	15.2	18.0	19.7	21.7
Industrial [4]	Bil. dol	1.4	2.4	3.3	3.9	5.4	10.7	12.7	15.0	17.6	20.3	23.2
Ultimate customers, Dec. 31 [2]	**Mil**	**45.0**	**52.6**	**58.9**	**65.6**	**72.5**	**80.1**	**81.8**	**83.6**	**85.6**	**87.7**	**89.5**
Residential or domestic	Mil	38.9	45.8	51.4	57.6	64.0	71.0	72.6	74.2	75.9	77.8	79.4
Commercial [3]	Mil	5.6	6.2	6.8	7.4	7.9	8.5	8.6	8.8	8.9	9.1	9.4
Industrial [4]	Mil	.3	.4	.5	.3	.4	.4	.4	.4	.4	.5	.5
Avg. kWh used per customer	1,000	**6.4**	**9.3**	**11.7**	**14.7**	**19.4**	**21.4**	**21.4**	**22.4**	**23.1**	**23.3**	**23.4**
Residential	1,000	1.8	2.8	3.9	4.9	7.1	7.9	8.2	8.4	8.7	8.8	8.8
Commercial [3]	1,000	9.3	12.7	17.0	27.4	40.0	46.6	49.0	50.7	52.9	53.1	53.2
Avg. annual bill per customer	**Dol**	**115**	**155**	**198**	**234**	**308**	**493**	**578**	**646**	**740**	**807**	**876**
Residential	Dol	53	73	95	111	148	224	262	288	329	357	382
Commercial [3]	Dol	245	316	418	584	803	1,327	1,582	1,755	2,031	2,176	2,337
Avg. revenue per kWh sold	**Cents**	**1.81**	**1.67**	**1.69**	**1.59**	**1.59**	**2.30**	**2.70**	**2.89**	**3.21**	**3.46**	**3.73**
Residential	Cents	2.88	2.65	2.47	2.25	2.10	2.83	3.21	3.45	3.78	4.03	4.33
Commercial [3]	Cents	2.63	2.50	2.46	2.13	2.01	2.85	3.23	3.46	3.84	4.10	4.39
Industrial [4]	Cents	1.02	.94	.97	.90	.95	1.55	1.92	2.07	2.33	2.59	2.85

[1] Source: 1950–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, unpublished data. [2] Includes other types not shown separately. [3] Small light and power. [4] Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, D.C., *Statistical Year Book*.

No. 1052. Electric Energy Sales, by Class of Service, and by States: 1978

[In billions of kilowatthours]

STATE	Total [1]	Residential	Commercial	Industrial	STATE	Total [1]	Residential	Commercial	Industrial
Total	*2,004.8*	*671.1*	*459.9*	*800.7*	**S.A.—Con.**				
					W. Va	19.5	6.1	3.2	10.1
N.E	**75.2**	**28.0**	**23.1**	**21.9**	N.C	60.4	22.6	12.1	24.1
Maine	8.0	3.0	1.6	3.2	S.C	35.6	11.7	7.8	15.4
N.H	5.8	2.4	1.0	2.3	Ga	49.1	19.2	10.9	18.5
Vt	3.5	1.5	.6	1.1	Fla	84.7	41.8	23.2	17.3
Mass	32.3	11.2	11.8	8.2					
R.I	5.0	1.8	1.6	1.3	**E.S.C**	**180.3**	**59.8**	**28.1**	**89.1**
Conn	20.6	8.1	6.5	5.8	Ky	36.1	8.7	4.7	21.1
					Tenn	72.4	26.0	12.8	32.8
M.A	**248.9**	**76.4**	**66.3**	**94.5**	Ala	49.5	15.7	6.5	27.0
N.Y	103.4	29.9	32.0	32.1	Miss	22.3	9.4	4.1	8.2
N.J	47.9	15.7	15.4	16.4					
Pa	97.6	30.8	18.9	46.0	**W.S.C**	**264.6**	**86.9**	**54.1**	**111.9**
					Ark	24.0	9.3	4.2	9.6
E.N.C	**385.8**	**113.9**	**76.1**	**182.7**	La	48.3	15.4	7.9	20.8
Ohio	119.3	31.5	18.0	66.2	Okla	28.5	11.1	6.4	9.3
Ind	59.8	18.3	9.0	32.0	Tex	163.8	51.1	35.6	72.2
Ill	97.4	29.1	26.0	35.8					
Mich	73.5	21.9	14.5	35.6	**Mt**	**99.5**	**31.4**	**26.6**	**37.8**
Wis	35.8	13.1	8.6	13.1	Mont	10.8	2.8	1.8	6.1
					Idaho	13.0	4.5	3.7	4.7
W.N.C	**138.3**	**53.8**	**31.9**	**48.6**	Wyo	6.1	1.2	.9	4.0
Minn	*31.5*	*11.3*	*4.6*	*14.8*	*Colo*	18.9	5.9	5.8	6.5
Iowa	24.0	9.6	5.2	8.6	N. Mex	8.1	2.3	2.6	2.6
Mo	39.5	16.1	10.9	11.4	Ariz	24.0	8.4	6.8	7.4
N. Dak	4.9	2.4	.8	1.4	Utah	9.7	2.9	2.3	3.9
S. Dak	4.8	2.5	.9	1.2	Nev	8.9	3.4	2.7	2.6
Nebr	13.1	5.3	3.5	3.8					
Kans	20.5	6.6	6.0	7.4	**Pac**	**272.4**	**86.9**	**73.3**	**100.1**
					Wash	65.3	21.9	9.7	31.3
S.A	**339.8**	**134.0**	**80.4**	**114.1**	Oreg	36.0	12.8	9.1	13.6
Del	5.7	1.8	1.4	2.4	Calif	162.6	49.3	52.4	51.8
Md. [2]	38.9	12.1	10.8	15.3	Alaska	2.6	1.1	.8	.6
Va	45.9	18.7	11.0	11.0	Hawaii	5.9	1.8	1.3	2.8

[1] Includes other service, not shown separately. [2] Includes District of Columbia.

Source: U.S. Energy Information Administration, unpublished data.

No. 1053. Privately Owned Gas Utility Industry—Balance Sheet and Income Account: 1960 to 1979

[**In millions of dollars.** Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
COMPOSITE BALANCE SHEET									
Assets, total [1]	**20,000**	**25,640**	**34,929**	**46,607**	**50,286**	**55,261**	**59,697**	**62,918**	**70,245**
Total utility plant	20,835	28,205	38,541	47,484	49,384	52,066	55,020	59,033	62,710
Depreciation and amortization	*4,570*	*7,205*	*10,696*	*15,358*	*16,779*	*18,693*	*20,586*	*22,861*	*24,400*
Utility plant (net)	16,265	21,000	27,845	32,126	32,605	33,373	34,434	36,172	38,310
Investment and fund accounts [1]	1,380	1,885	3,024	7,539	9,198	10,876	12,513	12,805	14,097
Current and accrued assets	2,185	2,545	3,674	6,060	7,543	9,707	11,194	12,129	15,427
Deferred debits [2]	170	210	386	882	940	1,305	1,556	1,815	2,411
Liabilities, total [1]	**20,000**	**25,640**	**34,929**	**46,607**	**50,286**	**55,261**	**59,697**	**62,918**	**70,245**
Capitalization, total [1]	16,940	21,520	28,646	36,360	39,044	42,379	44,316	45,830	48,165
Capital stock [1]	7,810	10,005	12,965	17,942	19,500	21,593	23,840	25,585	27,135
Long-term debts	9,130	11,515	15,681	18,418	19,544	20,786	20,476	20,245	21,030
Current and accrued liabilities	2,420	3,035	4,832	7,765	8,158	9,063	10,636	11,704	16,024
Deferred income taxes [3]	350	660	788	1,665	2,052	2,525	2,794	2,991	3,798
Other liabilities and credits	290	425	663	817	1,032	1,294	1,951	2,393	2,257
COMPOSITE INCOME ACCOUNT									
Operating revenues, total	8,696	11,525	16,380	24,195	30,550	37,618	46,309	52,995	66,931
Operating expenses [4]	7,587	10,063	14,306	21,329	27,480	34,217	42,685	49,272	62,887
Operation and maintenance	5,951	7,973	11,636	17,450	22,957	28,949	36,958	43,108	56,281
Federal, State, and local taxes	1,058	1,292	1,569	2,291	2,763	3,363	3,719	3,980	4,294
Operating income	1,109	1,462	2,074	2,865	3,070	3,402	3,624	3,723	4,043
Utility operating income	1,137	1,503	2,159	3,012	3,221	3,543	3,776	3,944	4,296
Income before interest charges [1]	1,247	1,660	2,457	3,856	4,137	4,646	4,996	5,385	6,303
Net income [1]	830	1,107	1,427	2,303	2,502	2,877	3,193	3,443	4,208
Dividends	581	781	1,006	1,363	1,509	1,783	1,959	2,117	2,362

[1] Beginning 1974, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. [2] Includes capital stock discount and expense and reacquired securities. [3] Includes reserves for deferred income taxes. [4] Includes expenses not shown separately.

No. 1054. Gas Utility Industry—Summary: 1950 to 1979

[Excludes Hawaii through 1955 and Alaska through 1960. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than $25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Customers [1] **(1,000)**	**24,001**	**28,479**	**33,054**	**37,338**	**41,482**	**44,267**	**44,555**	**44,942**	**45,274**	**45,789**	**46,478**
Residential	22,146	26,283	30,418	34,341	38,097	40,628	40,950	41,338	41,682	42,183	42,821
Commercial	1,739	2,048	2,458	2,790	3,131	3,392	3,367	3,371	3,371	3,370	3,423
Industrial and other	116	149	178	207	254	249	237	233	220	236	234
Sales [2] **(trillion Btu** [3])	**4,209**	**6,659**	**9,288**	**11,980**	**16,044**	**16,000**	**14,863**	**14,814**	**14,341**	**14,748**	**15,440**
Residential	1,384	2,239	3,188	3,999	4,923	4,865	4,991	5,014	4,946	5,107	5,083
Percent of total	32.9	33.6	34.3	33.4	30.7	30.4	33.6	33.9	34.5	34.6	32.9
Commercial	410	603	920	1,345	2,007	2,293	2,387	2,423	2,409	2,500	2,486
Industrial	2,289	3,535	4,710	6,146	8,439	8,153	6,837	7,107	6,711	6,841	7,555
Other	126	282	470	490	674	689	648	270	275	301	316
Revenues [2] **(mil. dol.)**	**1,948**	**3,450**	**5,617**	**7,407**	**10,283**	**15,242**	**19,101**	**23,701**	**28,303**	**32,150**	**38,947**
Residential	1,177	2,007	3,177	4,030	5,207	6,899	8,445	9,941	11,541	12,939	14,833
Percent of total	60.4	58.2	56.6	54.4	50.6	44.9	44.2	41.9	40.8	40.2	38.1
Commercial	266	424	723	1,054	1,620	2,539	3,302	4,075	4,980	5,696	6,624
Industrial	480	938	1,563	2,148	3,181	5,391	6,745	9,374	11,385	13,065	16,961
Other	26	81	153	176	274	413	608	311	397	450	530
Prices (dol. per mil. Btu [3])	**.46**	**.52**	**.60**	**.62**	**.64**	**.95**	**1.29**	**1.60**	**1.97**	**2.18**	**2.52**
Residential	.85	.90	1.00	1.01	1.06	1.42	1.69	1.98	2.33	2.53	2.92
Commercial	.65	.70	.79	.78	.81	1.11	1.38	1.68	2.07	2.28	2.66
Industrial	.21	.27	.33	.35	.38	.66	.99	1.32	1.70	1.91	2.24
Gas mains mileage (1,000)	**387**	**497**	**631**	**768**	**913**	**974**	**980**	**987**	**998**	**1,013**	**1,030**
Field and gathering	33	46	56	62	66	66	68	70	71	75	78
Transmission	113	146	184	211	252	262	263	258	260	261	263
Distribution	242	305	391	495	595	646	649	659	667	678	688
Construction expenditure [4] **(mil. dol.)**	**1,198**	**1,345**	**1,845**	**1,935**	**2,506**	**2,965**	**2,466**	**2,425**	**2,833**	**3,581**	**4,366**
Transmission	716	593	848	770	1,019	632	590	530	670	935	1,226
Distribution	299	500	696	824	913	1,097	910	926	1,048	1,228	1,448
Production and storage	144	198	216	225	370	1,060	831	828	943	1,202	1,406

[1] Annual average. [2] Excludes sales for resale. [3] For definition, see text, p. 601. [4] Includes general.

Source of tables 1053 and 1054: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

NO. 1055. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY CLASS OF SERVICE, AND STATES: 1979

[See headnote, table 1054]

REGION AND STATE	CUSTOMERS [1] (1,000)				SALES [3] (trillion Btu [4])				REVENUES [3] (mil. dol.)			
	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial
U.S	46,478	42,821	3,423	189	15,440	5,083	2,486	7,555	38,947	14,833	6,624	16,961
N. Eng	1,700	1,570	117	9	286	137	73	72	1,154	625	289	229
Maine	15	13	2	(Z)	2	1	1	1	9	3	3	3
N.H	53	48	5	(Z)	9	4	2	2	31	15	8	7
Vt	15	13	1	(Z)	5	1	1	2	17	5	3	8
Mass	1,060	983	69	5	174	86	47	38	711	394	189	119
R.I	164	152	10	1	28	14	4	10	102	58	17	27
Conn	395	361	31	2	69	32	18	19	285	150	69	66
Mid. Atl	8,080	7,498	548	24	1,593	775	281	504	5,205	2,830	925	1,355
N.Y	3,924	3,679	225	12	588	336	112	119	2,101	1,321	373	341
N.J	1,843	1,655	183	5	288	144	63	81	1,089	598	242	248
Pa	2,313	2,164	140	6	717	295	107	305	2,014	911	310	766
E. No. Cent	10,598	9,788	759	48	3,902	1,642	748	1,502	10,095	4,575	1,946	3,549
Ohio	2,724	2,525	190	6	960	423	171	360	2,466	1,174	438	836
Ind	1,225	1,120	100	4	492	174	72	245	1,170	461	176	529
Ill	3,266	3,012	233	19	1,194	530	250	412	3,249	1,536	672	1,039
Mich	2,374	2,206	158	9	889	388	191	310	2,236	1,023	488	725
Wis	1,010	924	78	8	366	127	64	175	975	382	172	420
W. No. Cent	4,063	3,682	362	17	1,489	550	313	615	3,272	1,405	706	1,145
Minn	783	711	65	7	276	111	51	112	693	320	136	233
Iowa	743	662	78	2	267	97	57	112	632	261	138	230
Mo	1,209	1,123	85	1	350	167	96	85	838	448	230	157
N. Dak	82	73	10	(Z)	25	12	11	2	67	33	28	5
S. Dak	100	88	11	1	26	13	8	6	63	33	19	11
Nebr	434	376	55	2	160	57	38	65	320	134	76	111
Kans	713	649	59	5	383	95	50	233	658	175	78	397
So. Atl	3,980	3,648	313	14	1,236	348	206	615	3,255	1,206	586	1,360
Del	80	75	5	(Z)	21	7	3	9	65	28	11	24
Md	768	714	48	5	153	70	22	60	486	263	76	147
D.C	149	134	16	(Z)	26	14	10	2	92	51	36	6
Va	519	474	42	2	128	48	29	50	385	173	89	117
W. Va	393	360	32	(Z)	138	49	24	65	359	143	61	155
N.C	356	315	39	2	122	31	21	69	355	107	68	179
S.C	288	260	26	1	132	21	16	88	292	70	40	172
Ga	998	921	75	2	293	90	54	145	754	301	134	313
Fla	428	395	32	1	223	19	27	126	467	68	73	247
E. So. Cent	2,190	1,980	193	7	799	213	115	452	1,840	572	279	951
Ky	624	568	53	1	184	79	34	65	412	188	77	133
Tenn	503	438	58	2	217	48	37	129	477	112	91	269
Ala	670	620	46	2	234	55	28	151	580	184	70	325
Miss	393	353	37	1	163	31	16	106	371	87	40	225
W. So. Cent	5,418	4,939	445	27	3,220	459	254	2,362	6,979	1,197	599	4,995
Ark	480	425	53	2	208	47	29	131	347	89	51	204
La	974	907	64	3	563	77	28	444	1,139	198	64	856
Okla	798	722	73	4	491	83	48	357	873	175	92	603
Tex	3,166	2,887	255	19	1,959	251	149	1,431	4,621	735	392	3,332
Mt	2,618	2,373	232	9	908	278	175	435	2,049	717	412	880
Mont	182	162	20	1	65	25	17	20	139	55	33	45
Idaho	109	94	15	(Z)	50	9	10	31	143	33	32	78
Wyo	116	102	13	(Z)	57	15	11	29	113	38	26	48
Colo	811	724	85	2	254	98	72	84	577	243	168	163
N. Mex	318	282	29	3	135	31	17	75	297	81	38	152
Ariz	567	522	42	2	147	34	22	88	361	114	55	186
Utah	361	338	22	1	124	52	16	57	228	110	28	90
Nev	155	149	6	(Z)	75	15	11	50	192	42	31	117
Pac	7,832	7,342	454	36	2,009	681	321	999	5,097	1,705	882	2,497
Wash	364	320	43	1	154	35	34	84	477	129	112	233
Oreg	266	233	32	1	92	21	17	55	308	87	61	160
Calif	7,129	6,726	371	32	1,729	617	262	847	4,243	1,468	690	2,078
Alaska	39	34	5	(Z)	30	7	7	11	36	13	9	10
Hawaii	33	29	2	2	4	1	1	2	33	8	9	16

Z Fewer than 500. [1] Averages for the year. [2] Includes other service, not shown separately. [3] Excludes sales for resale. [4] For definition, see headnote, table 1025.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

No. 1056. Gas Utility Industry—Prices, by State: 1970 to 1979

[In dollars per million Btu. For definition of Btu, see headnote, table 1025. Excludes sales for resale]

Division and State	1970	1975	1979				Division and State	1970	1975	1979			
			Total	Residential	Commercial	Industrial				Total	Residential	Commercial	Industrial
U.S.	.64	1.29	2.52	2.92	2.66	2.24	**So. Atl.**—Con.						
N. Eng	1.60	2.87	4.04	4.55	3.95	3.20	W. Va	.64	1.24	2.60	2.92	2.57	2.37
Maine	2.23	3.04	4.56	5.93	4.58	3.59	N.C	.70	1.58	2.90	3.49	3.12	2.58
N.H	1.54	2.21	3.51	3.82	3.39	3.28	S.C	.62	1.10	2.21	3.39	2.50	1.96
Vt	2.22	2.06	3.62	3.88	3.46	3.51	Ga	.57	1.12	2.58	3.33	2.46	2.15
Mass	1.64	2.91	4.10	4.58	4.01	3.17	Fla	.55	1.15	2.09	3.70	2.76	1.96
R.I	1.36	2.82	3.65	4.25	3.91	2.71	**E. So. Cent**	.51	1.03	2.30	2.69	2.43	2.11
Conn	1.60	2.93	4.15	4.72	3.89	3.44	Ky	.67	1.11	2.23	2.39	2.28	2.04
Mid. Atl	1.06	1.97	3.27	3.65	3.29	2.69	Tenn	.53	1.00	2.19	2.34	2.47	2.08
N.Y	1.21	2.14	3.57	3.93	3.34	2.88	Ala	.52	1.04	2.48	3.36	2.51	2.15
N.J	1.26	2.31	3.78	4.16	3.86	3.05	Miss	.38	.95	2.28	2.79	2.51	2.11
Pa	.87	1.68	2.81	3.09	2.90	2.51	**W. So. Cent**	.35	.99	2.17	2.63	2.36	2.11
E. No. Cent	.74	1.34	2.59	2.79	2.60	2.36	Ark	.37	.80	1.69	2.01	1.79	2.01
Ohio	.73	1.35	2.57	2.78	2.57	2.32	La	.30	.85	2.02	2.57	2.27	1.93
Ind	.71	1.16	2.38	2.65	2.45	2.16	Okla	.46	.79	1.78	2.09	1.89	1.69
Ill	.73	1.35	2.72	2.90	2.69	2.52	Tex	.35	1.10	2.36	2.93	2.64	2.33
Mich	.78	1.43	2.51	2.63	2.56	2.34	**Mt**	.49	.99	2.26	2.58	2.36	2.02
Wis	.80	1.31	2.66	3.02	2.67	2.40	Mont	.54	1.03	2.15	2.22	1.69	2.25
W. No. Cent	.56	1.00	2.20	2.55	2.26	1.86	Idaho	.67	1.48	2.83	3.69	3.19	2.48
Minn	.67	1.19	2.50	2.89	2.67	2.09	Wyo	.34	.70	1.99	2.49	2.33	1.65
Iowa	.62	1.04	2.36	2.70	2.41	2.05	Colo	.48	.90	2.27	2.49	2.35	1.95
Mo	.54	1.18	2.40	2.69	2.39	1.84	N. Mex	.42	.88	2.20	2.64	2.29	2.02
N. Dak	.82	1.26	2.66	2.87	2.44	2.67	Ariz	.57	1.19	2.45	3.33	2.53	2.10
S. Dak	.71	1.05	2.38	2.61	2.29	1.99	Utah	.46	.85	1.84	2.13	1.79	1.59
Nebr	.51	.90	2.00	2.34	2.02	1.69	Nev	.58	1.30	2.54	2.94	2.90	2.35
Kans	.39	.69	1.72	1.85	1.55	1.71	**Pac**	.58	1.31	2.54	2.50	2.75	2.50
So. Atl	.72	1.39	2.63	3.46	2.84	2.21	Wash	.65	1.55	3.10	3.70	3.28	2.78
Del	.93	1.73	3.12	3.91	3.48	2.55	Oreg	.74	1.80	3.33	4.13	3.66	2.93
Md	1.13	1.97	3.18	3.75	3.40	2.44	Calif	.56	1.26	2.45	2.38	2.63	2.45
D.C	1.28	2.21	3.58	3.74	3.46	3.09	Alaska	.70	.81	1.21	1.87	1.32	0.89
Va	.95	1.78	3.00	3.63	3.10	2.37	Hawaii	2.76	6.78	9.34	10.83	9.09	8.84

Source: American Gas Association, Arlington, Va., *Gas Facts,* annual (copyright).

No. 1057. Water Power—Developed and Undeveloped, by Division: 1950 to 1978

[**In millions of kilowatts.** As of **Dec. 31.** Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects (10.7 million kW in 1978). Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970,* series S 160-175]

Division	Developed installed capacity							Estimated undeveloped capacity						
	1950	1960	1965	1970	1975	1977	1978	1950	1960	1965	1970	1975	1977	1978
U.S.	18.7	33.2	44.5	52.0	57.0	59.4	61.0	87.6	114.2	124.1	128.0	113.7	109.6	115.9
N. Eng	1.2	1.5	1.5	1.5	1.5	1.5	1.5	3.3	2.9	3.2	3.3	3.3	3.4	2.8
Mid. Atl	1.7	2.5	4.8	4.3	4.2	4.2	4.2	6.6	7.6	5.0	4.5	4.3	4.5	4.6
E. No. Cent	.9	.9	.9	.9	.9	1.0	1.0	2.3	3.0	1.4	1.6	1.4	1.3	1.4
W. No. Cent	.6	1.6	3.0	2.7	2.8	2.8	2.8	5.8	6.4	4.1	4.4	2.1	2.1	3.3
So. Atl	2.8	3.8	5.2	5.3	5.8	5.8	5.8	8.2	8.4	10.0	9.6	8.4	7.2	8.5
E. So. Cent	2.7	3.8	4.5	5.2	5.5	5.6	5.3	4.7	4.6	4.3	3.8	3.1	2.9	3.5
W. So. Cent	.5	.9	1.7	1.9	2.3	2.3	2.3	3.6	3.9	3.1	3.3	2.7	2.4	2.8
Mt	2.3	4.6	5.6	6.2	6.9	7.1	7.3	23.4	23.6	26.5	26.7	19.6	18.3	17.8
Pac	6.0	13.6	17.4	23.9	27.2	29.1	30.8	29.8	53.8	66.5	70.9	68.8	67.5	71.2

Source: 1950-1975, U.S. Federal Power Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped,* Jan. 1, 1976; thereafter, U.S. Federal Energy Regulatory Commission, unpublished data.

No. 1058. Solar Collector Shipments, by Type, 1974 to 1979, and Use, 1978 and 1979

[**In thousands of sq. feet, except number of manufacturers.** Solar collector-device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored]

Item	1974	1975	1976	1977	1978	1979	End use	1978	1979
Number of manufacturers	45	131	186	321	351	347	Total shipments	10,860	14,340
Producer shipments, total	1,274	3,743	5,801	10,312	10,860	14,340	Pool heating	5,970	8,598
Low temperature collector	1,137	3,026	3,876	4,743	5,873	8,388	Domestic hot water	2,513	2,910
Medium temperature, special, and other collectors	137	717	1,925	5,569	4,988	5,952	Space heating	1,736	1,787
							Space cooling	179	234
							Industrial processing	82	231
							Other	380	581

Source: U.S. Energy Information Administration, *Energy Data Report, Solar Collector Manufacturing Activity, July through December 1979.*

No. 1059. Nuclear Power Plants—Number, Capacity, and Generation, 1965 to 1979, and Projections, 1980 to 1990

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1985	1990
Operating reactors [1]	10	19	37	48	51	59	68	71	71	75	112	139
Capacity [1] (mil. kWh)	.9	6.5	21.0	31.6	39.8	42.9	49.9	53.5	54.6	57.8	98.3	127.7
Percent of total electric utility capacity	.4	1.9	4.8	6.6	7.8	8.1	9.0	9.2	9.1	9.3	12.4	15.7
Electricity generated (bil. kWh)	3.7	21.8	83.3	114	173	191	251	276	255	273	487	709
Percent of total electric utility generation	.4	1.4	4.5	6.1	9.0	9.4	11.8	12.5	11.4	11.8	18.0	21.9

[1] As of year end. Includes plants shut down permanently or for extended periods.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vols. II and III.

No. 1060. Commercial Nuclear Power Generation, by Country: 1970 to 1979

[Generation for **calendar years**; other data as of **December**, Excludes Communist countries]

COUNTRY	REACTORS			ELECTRICITY GENERATED [1] (bil. kWh)					GROSS CAPACITY (1,000 kW)				
	1970	1975	1979	1970	1975	1977	1978	1979	1970	1975	1977	1978	1979
Total	64	140	195	73.9	329.0	469.4	550.4	577.4	15,186	69,196	91,701	105,675	115,894
U.S.	15	55	72	23.2	181.8	262.6	292.7	279.7	5,211	39,399	48,344	54,133	54,191
Argentina	-	1	1	-	2.5	1.6	2.9	2.7	-	340	340	367	358
Belgium	1	3	3	.3	6.8	11.9	12.5	11.3	11	1,744	1,744	1,744	1,744
Canada	1	5	9	.9	13.2	26.8	32.9	38.4	220	2,380	4,787	4,788	5,588
Germany, F.R. of	4	7	11	5.3	21.7	35.8	32.5	40.3	907	3,452	6,413	6,413	8,346
Gr. Britain	27	29	33	26.5	30.5	38.0	36.6	38.5	4,783	6,135	8,102	8,761	9,012
Finland	-	-	2	-	-	2.7	3.2	6.6	-	-	440	465	1,148
France	4	10	16	5.7	18.3	17.9	30.5	39.9	1,606	3,066	4,928	6,842	8,756
India	2	3	3	2.2	2.5	2.8	2.3	2.9	400	620	620	620	620
Italy	3	3	4	3.3	3.8	3.4	4.4	2.6	631	639	630	1,490	1,490
Japan	3	10	22	3.3	16.7	27.3	50.9	62.0	828	5,278	7,994	11,502	15,121
Netherlands	1	2	2	.4	3.3	3.7	4.1	3.5	55	523	523	523	523
Pakistan	-	1	1	-	.5	.3	.2	.1	-	137	137	137	137
South Korea	-	-	1	-	-	-	2.3	3.1	-	-	-	587	587
Spain	1	3	3	.9	7.5	6.5	7.6	6.7	160	1,117	1,117	1,117	1,117
Sweden	1	5	6	(z)	12.0	19.9	23.8	21.0	12	3,312	3,882	3,850	3,850
Switzerland	1	3	4	1.9	7.7	8.1	8.3	11.8	364	1,054	1,064	1,064	2,034
Taiwan	-	-	2	-	-	.1	2.7	6.3	-	-	636	1,272	1,272

- Represents zero. Z Less than 50 million kWh. [1] Gross.

Source: McGraw-Hill, Inc., New York, N.Y., *Nucleonics Week*, December issues. (Copyright.)

No. 1061. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1965 to 1979

[Years ending **Dec. 31**. Metric ton=1.102 short tons or .984 long ton]

ITEM	UNIT	1965	1970	1973	1974	1975	1976	1977	1978	1979
URANIUM (U_3O_8)										
Production	Sh. tons	10,442	12,005	13,235	11,528	11,600	12,747	14,940	18,500	18,500
Exports	Sh. tons	-	2,100	600	1,500	500	600	2,000	3,400	2,600
Imports	*Sh. tons*	4,000	-	-	-	700	1,800	2,800	2,600	1,700
Delivered price	Dol./lb	(NA)	(NA)	7.10	7.65	10.50	16.10	19.75	21.60	21.60
ENRICHMENT [1]										
Enriched product	Metric tons	146	1,548	4,706	1,970	2,707	2,685	3,117	3,023	3,482
For domestic customers	Metric tons	47	1,176	1,007	1,124	1,190	1,090	1,881	1,506	2,270
For foreign customers	Metric tons	99	372	3,699	846	1,517	1,595	1,236	1,517	1,212
Cost of services	Mil. dol	(NA)	83.8	252.5	719.7	562.6	668.9	659.1	877.2	1,234.0
DISCHARGED COMMERCIAL REACTOR FUEL [1]										
Annual discharge	Metric tons	(NA)	67	149	454	547	730	911	1,131	1,390
Inventory, yearend	Metric tons	(NA)	[2] 161	583	1,037	1,584	2,314	3,225	4,356	5,746

- Represents zero. NA Not available. [1] Uranium content. Source: Nuclear Assurance Corporation, Atlanta, Ga.
[2] Allows for reprocessing.

Source: Except as noted, Energy Information Administration, *Annual Report to Congress*, vol. II; U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1978; Uranium Industry Seminar Proceedings*, 1978; and unpublished data.



Section 21

Science

This section presents statistics on scientific and technological resources, with emphasis on patterns of research and development funding and on scientific and technical personnel and education. Also included are statistics on space program outlays and accomplishments. Principal sources of these data are the National Science Foundation and the National Aeronautics and Space Administration.

The National Science Foundation (NSF) gathers data chiefly through recurring surveys. Some current NSF publications containing data on funds for research and development and on scientific and engineering personnel include the occasional bulletin series, *Reviews of Data on Science Resources* and *Science Resources Studies Highlights;* and annual, biennial, and periodic reports such as *Federal Funds for Research and Development; Research and Development in Industry; National Patterns of Science and Technology Resources; Academic Science: R&D Funds, Scientists and Engineers, Graduate Enrollment and Support; Scientists, Engineers, and Physicians From Abroad; Federal Scientific, Technical, and Health Personnel; Federal Support to Universities, Colleges, and Selected Nonprofit Institutions; Characteristics of Doctoral Scientists and Engineers in the U.S.; Characteristics of Experienced Scientists and Engineers; Scientific and Technical Personnel in Private Industry Science and Engineering Personnel: A National Overview;* and policy reports relating to national allocation of human resources and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

The Budget of the United States Government, published by the U.S. Office of Management and Budget, contains summary financial data on Federal research and development programs. In addition, *Aerospace Facts and Figures,* published by Aerospace Industries Association of America, Inc., presents data on sales and orders of space vehicle systems and employment in NASA programs.

Research and development outlays.—The National Science Foundation defines research as a "systematic and intensive study directed toward a fuller knowledge of the subject studied" and development as "the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes." National data on outlays of funds are composed of four sectors: *(1) Government,* made up primarily of Federal executive agencies; *(2) industry,* consisting of manufacturing and nonmanufacturing firms and the federally funded research and development centers they administer; *(3) colleges and universities,* composed of colleges, universities and their affiliated institutions, agricultural experiment stations and associated schools of agriculture, and federally funded research and development centers administered by educational institutions; and *(4) other nonprofit institutions,* consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and federally funded research and development centers administered by nonprofit organizations. These centers are exclusively or substantially financed by the Federal government and, in most instances, were originally established to meet a particular research and development need of the Government. They are administered on a contractual basis, by companies, educational institutions, or other nonprofit organizations. The research and development funds reported consist of current operating costs, including those for

planning and administration, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific personnel.

Scientists, engineers, and technicians.—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. They are generally classified according to the fields of their employment rather than the discipline in which they received their major training. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training. Craftsmen and skilled workers are excluded.

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

No. 1062. Research and Development—Outlays: 1955 to 1980

[Includes basic research, applied research, and development. Defense-related outlays comprise all research and development spending by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outlays are those of the National Aeronautics and Space Administration; they exclude space activities of other Federal agencies, estimated at less than 5 percent of all space research and development spending. Minus sign (−) denotes decrease]

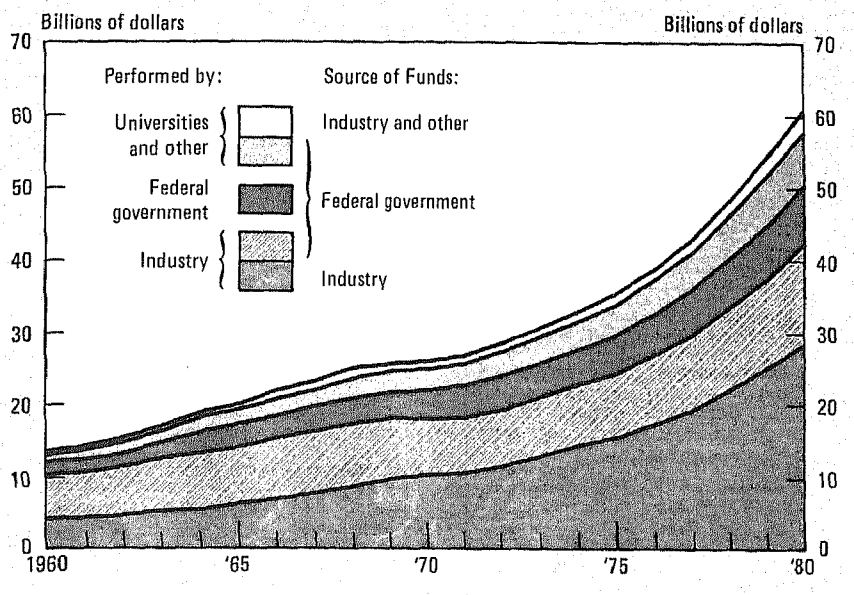
Year or period	Current dollars			Constant (1972) dollars		Annual percent change [3]		Percent of total R and D outlays					
								Federally funded defense-space-related			Other outlays		
	Total [1] (bil. dol.)	Defense space related (bil. dol.)	Other (bil. dol.)	Total (bil. dol.)	Percent of GNP [2]	Current dollars	Constant dollars	Total	Defense	Space	Total	Non-Federal	Federal
1955	6.2	3.0	3.1	10.1	1.5	9.4	7.0	49	48	1	51	43	8
1956	8.4	4.2	4.2	13.3	2.0	35.5	31.4	50	49	1	50	42	8
1957	9.8	5.3	4.5	15.0	2.2	16.9	13.1	54	53	1	47	38	9
1958	10.7	5.8	4.9	16.2	2.4	9.6	7.8	54	53	1	47	37	10
1959	12.4	7.0	5.3	18.3	2.5	15.4	12.9	57	54	3	43	35	8
1960	13.5	7.4	6.1	19.6	2.7	9.4	7.6	55	52	3	44	35	9
1961	14.3	8.0	6.3	20.7	2.7	5.9	4.9	56	50	6	44	35	9
1962	15.4	8.5	6.9	21.8	2.7	7.5	5.6	55	48	7	46	36	10
1963	17.1	9.4	7.7	23.8	2.9	10.8	9.2	55	41	14	44	34	10
1964	18.9	10.6	8.3	25.9	3.0	10.5	8.8	56	37	19	45	34	11
1965	20.0	10.8	9.2	26.9	2.9	6.3	4.0	54	33	21	46	35	11
1966	21.8	11.4	10.5	28.5	2.9	9.0	5.5	52	33	19	48	36	12
1967	23.1	11.3	11.8	29.3	2.9	6.0	2.9	49	35	14	51	38	13
1968	24.6	11.8	12.8	29.8	2.8	6.3	1.7	48	35	13	52	39	13
1969	25.6	11.5	14.1	29.6	2.7	4.2	−.8	45	34	11	55	42	13
1970	25.9	11.1	14.8	28.4	2.6	1.1	−4.0	43	33	10	57	43	14
1971	26.6	10.9	15.7	27.7	2.5	2.7	−2.3	41	32	9	59	44	15
1972	28.4	11.4	17.0	28.4	2.4	6.8	2.5	40	32	8	60	45	15
1973	30.6	11.6	19.0	29.1	2.4	7.7	2.5	38	31	7	62	47	15
1974	32.8	11.5	21.3	28.5	2.3	7.2	−2.1	35	28	7	65	49	16
1975	35.3	12.4	22.9	27.9	2.3	7.6	−2.1	35	27	8	65	48	17
1976	39.0	13.3	25.7	29.2	2.3	10.5	4.7	34	26	8	66	49	17
1977	43.0	14.2	28.8	30.3	2.3	10.3	3.8	33	25	8	67	50	17
1978	48.3	15.0	33.3	31.8	2.3	12.3	5.0	31	24	7	69	50	19
1979, est.	54.3	16.8	37.5	32.8	2.3	12.4	3.1	31	24	7	69	51	18
1980, est.	60.4	19.3	41.1	33.3	1.3	11.2	1.5	32	24	8	68	51	17
Annual avg:													
1960–1969	19.4	10.1	9.4	25.6	2.8	(x)	(x)	53	40	13	48	36	11
1970–1980	38.6	12.5	25.2	29.8	2.4	(x)	(x)	36	28	8	64	48	16

X Not applicable. [1] Includes revisions not shown in detail. [2] GNP = Gross national product. [3] Change from prior year shown; 1955 change from 1954.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources,* 1980; and unpublished data.

Figure 21.1

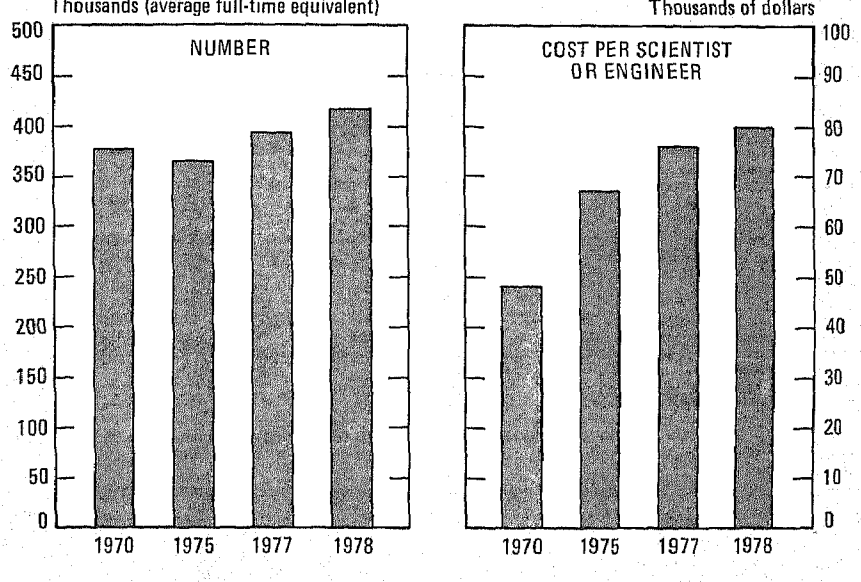
Research and Development, Funds Used: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1063.

Figure 21.2

Research and Development Scientists and Engineers in Private Industry: 1970 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1074.

NO. 1063. RESEARCH AND DEVELOPMENT (R AND D) FUNDS, BY PERFORMANCE SECTOR AND SOURCE: 1965 TO 1980

[**In millions of dollars, except percent.** Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector. Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administered by industry and other nonprofit institutions included in totals of respective sectors. See also *Historical Statistics, Colonial Times to 1970*, series W 109-125]

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.	1980, est.
Total R and D [1]	**20,044**	**25,910**	**30,631**	**32,768**	**35,256**	**38,960**	**43,013**	**48,286**	**54,296**	**60,375**
In 1972 dollars	26,914	28,400	29,063	28,476	27,888	29,165	30,316	31,756	32,823	33,264
Percent Federal as source	64.9	56.6	53.2	51.1	51.5	50.9	50.6	49.8	49.3	48.7
Federal Government	3,093	3,855	4,619	4,815	5,397	5,710	6,142	6,882	7,500	7,830
Industry	14,185	18,067	21,249	22,887	24,187	26,997	29,928	33,400	37,622	42,250
Federal funds	7,740	7,779	8,145	8,220	8,605	9,561	10,521	11,302	12,472	13,950
Industry funds	6,445	10,288	13,104	14,667	15,582	17,436	19,407	22,098	25,150	28,300
Universities and colleges	1,474	2,335	2,940	3,023	3,409	3,730	4,064	4,615	5,340	6,050
Federal funds	1,073	1,648	2,038	2,032	2,288	2,501	2,717	3,057	3,600	4,100
Industry funds	41	61	85	96	113	123	139	170	190	210
University and college funds [2]	267	461	615	677	750	821	893	1,029	1,150	1,300
Other nonprofit institutions funds [2]	93	165	202	218	258	285	315	359	400	440
Univ. and colleges, associated federally funded R and D centers	629	737	817	865	987	1,147	1,384	1,717	1,840	2,000
Other nonprofit institutions	663	916	1,006	1,178	1,276	1,376	1,495	1,672	1,994	2,245
Federal funds	477	649	690	822	875	925	987	1,100	1,350	1,520
Industry funds	62	95	105	115	125	135	150	165	180	200
Other [3]	124	172	211	241	276	316	358	407	464	525
Total research, basic and applied	**6,894**	**9,226**	**10,557**	**11,506**	**12,506**	**14,009**	**15,369**	**17,219**	**19,495**	**21,735**
In 1972 dollars	9,242	10,126	10,049	10,070	9,938	10,495	10,822	11,533	11,791	11,987
Percent Federal as source	62.9	59.9	57.9	56.4	56.9	56.7	56.5	55.9	55.7	55.6
Federal Government	1,354	1,862	2,096	2,309	2,499	2,868	3,037	3,217	3,530	3,730
Industry	3,250	4,029	4,456	4,987	5,300	5,931	6,567	7,430	8,410	9,450
Federal funds	1,224	1,207	1,125	1,188	1,287	1,385	1,541	1,750	1,910	2,150
Industry funds	2,026	2,822	3,331	3,799	4,013	4,546	5,026	5,680	6,500	7,300
Universities and colleges	1,417	2,223	2,772	2,890	3,261	3,562	3,855	4,380	5,075	5,755
Federal funds	1,036	1,564	1,918	1,961	2,210	2,408	2,597	2,922	3,445	3,925
Industry funds	39	56	81	90	106	115	130	160	180	200
University and college funds [2]	252	448	582	635	703	771	834	964	1,080	1,225
Other nonprofit institutions funds [2]	90	155	191	204	242	268	294	334	370	405
Univ. and colleges, associated federally funded R and D centers	412	485	523	502	573	686	867	1,017	1,090	1,225
Other nonprofit institutions	461	628	710	818	873	962	1,043	1,175	1,390	1,575
Federal funds	307	409	452	525	545	595	635	720	880	1,000
Industry funds	50	77	85	94	103	112	123	135	145	160
Other [3]	104	142	173	199	225	255	285	320	365	415
Total basic research	**2,555**	**3,513**	**3,877**	**4,153**	**4,556**	**4,908**	**5,476**	**6,357**	**7,305**	**8,230**
In 1972 dollars	3,419	3,860	3,702	3,661	3,638	3,680	3,851	4,182	4,420	4,544
Percent of total R and D	12.7	13.6	12.7	12.7	12.9	12.6	12.7	13.2	13.5	13.6
Percent Federal as source	70.8	69.8	68.1	68.0	67.8	68.4	68.7	69.0	69.5	69.7
Federal Government	364	541	537	611	682	719	866	1,047	1,150	1,210
Industry	592	602	631	699	730	819	911	1,040	1,180	1,325
Federal funds	186	158	132	163	157	185	210	250	280	325
Industry funds	406	444	499	536	573	634	701	790	900	1,000
Universities and colleges	1,138	1,796	2,055	2,153	2,410	2,547	2,787	3,185	3,745	4,275
Federal funds	879	1,296	1,456	1,522	1,694	1,827	1,992	2,257	2,700	3,100
Industry funds	26	40	57	61	72	72	82	100	115	125
University and college funds [2]	164	350	408	432	479	481	527	614	690	785
Other nonprofit institutions funds [2]	69	110	134	138	165	167	186	214	240	265
Univ. and colleges, associated federally funded R and D centers	208	269	297	285	309	359	402	500	550	650
Other nonprofit institutions	253	305	357	405	425	464	510	585	680	770
Federal funds	172	189	218	245	245	265	290	335	400	450
Industry funds	29	44	49	54	60	64	70	80	85	95
Other [3]	52	72	90	106	120	135	150	170	195	225
Total development	13,150	16,683	20,074	21,262	22,750	24,951	27,644	31,067	34,801	38,640
In 1972 dollars	17,672	18,274	19,014	18,406	17,950	18,670	19,494	20,431	21,032	21,277
Percent of total R and D	65.6	64.4	65.5	64.9	64.5	64.0	64.3	64.3	64.1	64.0
Percent Federal as source	66.0	54.8	50.8	48.3	48.5	47.7	47.3	46.5	45.7	45.0

[1] Basic research, applied research, and development. [2] Includes State and local government funds received by these institutions and used for research and development. [3] Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources, 1980.*

NO. 1064. FEDERAL FUNDING FOR RESEARCH AND DEVELOPMENT, BY CHARACTER OF WORK, BUDGET FUNCTION, AND FIELD OF SCIENCE: 1973 to 1981

[**In millions of dollars.** For years ending **June 30** except, beginning **1977** ending **Sept. 30.** Excludes R&D plant. For any given year, obligations differ from expenditures (see table 1047) because not all funds are expended during year obligated. Function data for 1973–77 are shown in obligations, and for 1978–81 are shown in budget authority. See *Historical Statistics, Colonial Times to 1970*, series W 126, for total obligations]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980, est.	1981, est.
R&D total	**16,800**	**17,411**	**19,039**	**20,780**	**23,984**	**26,388**	**28,978**	**31,878**	**35,492**
Basic research	2,193	2,339	2,536	2,700	3,191	3,619	4,097	4,509	4,902
Applied research	3,454	3,877	4,305	4,915	5,413	6,105	6,576	7,295	8,006
Development	11,154	11,195	12,198	13,165	15,380	16,663	18,305	20,075	22,584
R&D total	**16,800**	**17,411**	**19,039**	**20,780**	**23,984**	**26,517**	**29,040**	**31,845**	**35,528**
National defense	9,002	9,016	9,679	10,430	11,864	12,899	13,791	14,959	18,117
Space	2,824	2,702	2,764	3,130	3,365	3,481	3,969	4,606	4,918
Health	1,585	2,069	2,170	2,351	2,629	2,968	3,401	3,650	3,792
Energy	630	759	1,363	1,649	2,562	3,134	3,461	3,765	3,675
General science	658	749	813	858	974	1,050	1,119	1,246	1,371
Natural resources and environment	554	516	624	683	753	904	1,010	1,090	1,140
Transportation	572	694	635	631	709	768	799	860	876
Agriculture	308	313	342	383	457	501	552	602	634
Ed., training, employment, and soc. serv	290	236	239	255	230	345	354	457	341
Community and regional dev	78	82	93	109	101	92	127	118	137
International affairs	28	24	29	42	66	57	117	127	135
Veterans benefits and services	74	85	95	98	107	111	123	126	130
Commerce and housing credit	50	51	65	69	71	77	92	107	114
Income security	106	71	72	48	55	67	57	63	80
Administration of justice	33	35	44	35	30	44	47	48	46
General government	7	9	12	12	13	18	23	21	23
Research total	**5,646**	**6,216**	**6,841**	**7,616**	**8,604**	**9,725**	**10,673**	**11,803**	**12,908**
Percent of total R and D	33.6	35.7	35.9	36.7	35.9	36.9	36.8	37.0	36.4
Life sciences	1,929	2,265	2,462	2,639	3,016	3,430	3,850	4,187	4,432
Engineering	1,413	1,575	1,765	2,068	2,125	2,446	2,623	2,963	3,246
Physical sciences	986	1,028	1,119	1,266	1,560	1,680	1,822	1,980	2,263
Environmental sciences	585	633	731	766	908	1,028	1,103	1,250	1,329
Social sciences	298	291	302	393	449	507	528	560	602
Mathematics and computer sciences	133	136	151	167	211	235	257	282	353
Psychology	108	133	138	138	156	193	202	222	248
Other sciences	195	154	173	178	180	206	287	359	436

Source: U.S. National Science Foundation, *Federal Funds for Research and Development*, annual.

NO. 1065. FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT, BY AGENCY: 1970 TO 1980

[**In millions of dollars except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See headnote, table 1064. See *Historical Statistics, Colonial Times to 1970*, series W 142, for total R & D expenditures]

AGENCY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, est.	1980, est.
Total	**15,340**	**15,545**	**16,498**	**16,800**	**17,415**	**19,047**	**20,789**	**23,995**	**26,414**	**29,576**	**30,733**
Departments:											
Agriculture	281	305	350	367	379	420	462	547	621	667	664
Commerce	122	144	187	191	181	215	229	245	284	319	322
Defense [1]	7,360	7,509	8,318	8,404	8,420	9,012	9,655	10,963	11,554	13,002	13,880
Percent of total	48.0	48.3	50.4	50.0	48.3	47.3	46.4	45.7	43.7	44.0	45.2
Army	1,660	1,682	2,064	2,014	2,010	1,897	2,014	2,442	2,549	2,776	3,045
Navy	2,258	2,284	2,519	2,655	2,719	3,100	3,328	3,817	3,998	4,618	4,528
Air Force	2,990	3,114	3,254	3,274	3,216	3,513	3,727	4,031	4,262	4,679	5,221
Energy [2]	1,346	1,303	1,298	1,363	1,489	2,047	2,464	3,536	4,245	4,689	4,659
HHS [3]	1,221	1,476	1,751	1,838	2,290	2,398	2,584	2,823	3,207	3,665	3,726
NIH [4]	873	1,039	1,271	1,314	1,737	1,880	2,060	2,280	2,581	2,961	2,961
Interior	158	194	220	243	197	311	342	326	385	435	417
Transportation	328	497	311	311	370	312	295	355	408	418	395
Agencies:											
EPA [5]	89	137	122	181	169	258	259	296	385	400	436
NASA [6]	3,800	3,258	3,157	3,061	3,002	3,064	3,447	3,703	3,875	4,392	4,540
NRC [7]	(NA)	(NA)	(NA)	(NA)	42	64	88	112	134	152	176
NSF [8]	289	337	455	480	556	595	609	697	749	819	910
Veterans Admin	59	63	69	74	85	95	98	107	114	127	127
Other agencies	288	322	260	288	235	256	257	285	453	491	481

NA Not available. [1] Includes agencies not shown separately. [2] Prior to 1974, Atomic Energy Commission; 1974–1977, Energy Research and Development Administration. [3] Health and Human Services beginning Oct. 1979; prior to then, Health, Education, and Welfare. [4] National Institutes of Health. [5] Environmental Protection Agency. [6] National Aeronautics and Space Administration. [7] Nuclear Regulatory Commission. Prior to 1974 part of Atomic Energy Commission. [8] National Science Foundation.

Source: National Science Foundation, *Federal Funds for Research and Development*, annual.

No. 1066. Industrial Research and Development Funds, by Geographic Division, 1965 to 1978, and by Source of Funds, 1978

[For composition of divisions, see fig. I, inside front cover]

Geographic division	Funds (mil. dol.)									Percent distribution		
	1965	1970	1974	1975	1976	1977	1978 [1]			1970	1975	1978
							Total	Federal Govt.	Private industry			
U.S. [2]	*14,185*	*18,067*	*22,867*	*24,187*	*26,997*	*29,928*	*33,400*	*11,302*	*22,098*	*100*	*100*	*100*
New England	1,175	1,854	2,060	2,032	2,152	2,407	2,688	1,115	1,573	10	8	8
Middle Atlantic	3,210	4,481	5,238	5,379	5,938	6,304	7,040	1,604	5,436	25	22	21
Eastern North Central	*2,500*	*3,623*	*4,699*	*4,810*	*5,389*	*6,287*	*7,021*	*530*	*6,491*	*20*	*20*	*21*
Western North Central	478	766	1,042	995	1,715	1,512	1,689	604	1,085	4	4	5
South Atlantic	1,015	1,424	1,804	1,753	1,851	2,017	2,252	773	1,479	8	7	7
Eastern South Central	*416*	*346*	*388*	*401*	*428*	*469*	*524*	*269*	*255*	*2*	*2*	*2*
Western South Central	796	571	729	844	1,116	1,216	1,358	568	790	3	3	4
Mountain	457	687	623	783	925	1,037	1,158	681	477	4	3	3
Pacific	4,137	4,315	4,962	5,389	5,938	6,359	7,101	4,798	2,303	24	22	21

[1] Estimated. [2] Beginning 1974, includes undistributed funds, not shown separately.

No. 1067. Funds for Performance of Industrial Research and Development, by Industry, 1965 to 1978, and by Source of Funds, 1977 and 1978

[**In millions of dollars.** Covers basic research, applied research, and development. See also *Historical Statistics, Colonial Times to 1970*, series W 144-160]

Industry	1965	1970	1975	1977			1978		
				Total	Federal Govt.	Private industry	Total	Federal Govt.	Private industry
Total [1]	**14,185**	**18,067**	**24,187**	**29,928**	**10,521**	**19,407**	**33,400**	**11,302**	**22,098**
Electrical equip. and communication	3,200	4,220	5,105	5,937	2,698	3,238	6,739	2,970	3,769
Aircraft and missiles	5,148	5,219	5,713	7,104	5,541	1,563	7,700	5,837	1,863
Machinery	1,065	1,729	3,196	3,967	576	3,391	4,469	594	3,875
Chemicals and allied products	1,356	1,773	2,727	3,256	300	2,956	3,598	365	3,232
Motor vehicles, transportation equip	1,230	1,591	2,430	3,444	[2] 438	[2] 2,887	3,913	[2] 449	[2] 3,333
Professional and scientific instruments	403	744	1,173	1,487	174	1,313	1,723	194	1,529
Petroleum refining and extraction	397	515	693	918	76	842	1,071	119	952
Primary metals	213	275	443	534	25	507	546	28	518
Food and kindred products	157	230	335	395	(NA)	(NA)	428	(NA)	(NA)
Fabricated metal products	145	207	324	394	45	349	397	37	360
Rubber products	162	276	467	491	(NA)	(NA)	495	(NA)	(NA)
Paper and allied products	94	178	249	336	(NA)	(NA)	394	(NA)	(NA)
Stone, clay, and glass products	112	167	233	287	(NA)	(NA)	330	(NA)	(NA)

NA Not available. [1] Includes industries not available separately. [2] Excludes transportation equipment.

Source of tables 1066 and 1067: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 1068. Federal Obligations to Universities and Colleges: 1965 to 1978

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Minus sign (–) denotes decrease]

Item	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total Federal obligations	**2,305**	**3,237**	**4,145**	**3,839**	**4,480**	**4,547**	**5,403**	**6,486**	**7,479**
Annual percent change [1]	41.9	–6.5	18.5	–7.4	16.7	1.5	18.8	20.0	15.3
Academic science obligations	1,816	2,188	2,599	2,464	2,737	2,806	2,959	3,348	3,958
Percent of total	78.8	67.6	62.7	64.2	61.1	61.7	54.8	51.6	52.9
Research and development	1,095	1,447	1,853	1,871	2,085	2,238	2,423	2,785	3,362
Research and development plant	126	45	37	43	29	45	24	36	34
Other science activities	595	696	709	550	623	522	513	526	561
Nonscience activities	489	1,049	1,546	1,375	1,743	1,741	2,443	3,138	3,522

[1] For 1965, change from 1964; for 1970, change from 1969; for 1972, change from 1971.

Source: U.S. National Science Foundation, *Federal Support to Universities, Colleges, and Selected Nonprofit Institutions*, annual.

NO. 1069. RESEARCH AND DEVELOPMENT EXPENDITURES IN SCIENCE AND ENGINEERING AT UNIVERSITIES AND COLLEGES: 1964 TO 1978

[**In millions of dollars.** Estimates for nonrespondents account for less than 7 percent of the total]

CHARACTERISTIC	1964	1966	1968	1970	1972	1974	1975	1976	1977	1978
Total	**1,275**	**1,715**	**2,149**	**2,335**	**2,677**	**3,023**	**3,409**	**3,730**	**4,064**	**4,615**
In 1972 dollars [1]	1,733	2,230	2,611	2,569	2,677	2,687	2,736	2,799	2,856	3,036
Basic research	1,003	1,303	1,650	1,796	2,022	2,153	2,408	2,547	2,797	3,175
Applied research	232	328	404	427	544	737	852	1,015	1,060	1,204
Development	41	83	95	112	110	133	149	168	207	235
Source of funds:										
Federal Government	917	1,261	1,572	1,648	1,839	2,032	2,288	2,501	2,729	3,057
State and local governments	132	156	172	219	270	327	352	386	374	414
Institutions' own funds	103	147	218	243	305	351	398	435	508	615
Foundations, voluntary health agencies, and other	82	109	131	165	187	218	258	284	314	359
Industry	41	42	55	61	75	96	113	123	139	170
Field of science:										
Engineering	162	259	309	319	347	348	382	433	497	601
Physical sciences [2]	217	287	320	307	330	334	350	380	429	497
Astronomy	16	23	24	19	22	24	27	26	32	37
Chemistry	70	88	105	102	110	116	121	140	164	182
Physics	120	159	173	162	162	169	174	183	201	235
Environmental sciences	55	68	120	125	192	235	255	287	317	378
Math. and computer sciences	33	42	58	72	71	77	85	87	107	124
Life sciences [2]	682	872	1,037	1,194	1,353	1,632	1,900	2,101	2,260	2,536
Biological and agricultural	315	422	491	547	682	858	1,013	1,123	1,235	1,356
Clinical medical	320	390	477	549	605	716	812	897	950	1,093
Psychology	32	40	59	59	70	74	80	78	84	89
Social sciences and other	96	146	245	257	313	324	355	361	266	275

[1] Based on GNP implicit price deflator; see text p. 435. [2] Includes sciences not shown separately.

Source: U.S. National Science Foundation, *Expenditures for Scientific Activities at Universities and Colleges*, annual; and unpublished data.

NO. 1070. SCIENTISTS AND ENGINEERS EMPLOYED IN RESEARCH AND DEVELOPMENT, BY SECTOR: 1961 TO 1980

[**In thousands of full-time equivalent employees.** Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted. DOD = Dept. of Defense]

SECTOR	1961	1965	1970	1974	1975	1976	1977	1978	1979 [1]	1980 [1]
Total	**425.7**	**494.5**	**546.6**	**525.1**	**534.9**	**549.2**	**573.9**	**601.6**	**629.5**	**659.0**
Industry (excl. social scientists) [2]	312.0	348.4	375.6	361.6	363.8	373.6	393.2	415.8	440.0	465.0
Universities and colleges, total	42.4	53.4	68.5	65.5	70.2	71.8	74.5	77.7	80.0	82.5
Scientists and engineers	33.6	40.4	50.3	48.0	51.6	52.9	54.4	57.1	59.0	60.5
Graduate students	8.8	13.0	18.2	17.5	18.6	18.9	20.1	20.6	21.0	22.0
Federal Government (incl. DOD)	51.1	61.8	69.8	62.6	63.4	64.0	64.7	65.4	66.0	66.5
University-associated federally funded R & D centers	9.1	11.1	11.5	12.1	12.7	13.4	14.0	14.7	15.0	16.0
Other nonprofit institutions [2 3]	11.1	19.9	21.2	23.3	24.8	26.4	27.5	28.0	28.5	29.0

[1] Estimated. [2] Includes professional R & D personnel employed at FFRDC's administered by industry and other nonprofit institutions. [3] Includes estimate for R & D scientists and engineers employed in State-affiliated institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources, 1980.*

NO. 1071. NOBEL PRIZE LAUREATES IN CHEMISTRY, PHYSICS, AND PHYSIOLOGY/MEDICINE—SELECTED COUNTRIES: 1901 TO 1979

[Presented by location of award-winning research and by date of award]

COUNTRY	1901–1979, total	1901–1915	1916–1930	1931–1945	1946–1960	1961–1975	1976–1979	1901–1979		
								Physics	Chemistry	Physiology/Medicine
Total	**334**	**52**	**41**	**49**	**74**	**92**	**26**	**115**	**93**	**126**
United States	118	3	3	14	38	42	18	43	22	53
United Kingdom	63	7	8	11	14	20	3	21	22	20
Germany, Fed. Rep. of [1]	51	15	12	11	4	8	1	14	25	12
France	20	10	3	2	–	5	–	8	6	6
Soviet Union	10	2	–	–	4	3	1	7	1	2
Other countries	72	15	15	11	14	14	3	22	17	33

– Represents zero. [1] Includes East Germany before 1946.

Source: U.S. National Science Foundation, *Science Indicators*, 1976; and unpublished data.

NO. 1072. SCIENTISTS AND ENGINEERS, BY FIELD, EMPLOYMENT STATUS, AND SEX: 1974 TO 1978

[**In thousands, except percent.** Represents the *total science and engineering* population in the United States]

FIELD	1974			1976			1978			
	Total		In labor force	Total		In labor force	Total		In labor force	Outside labor force [1]
	Number	Percent female		Number	Percent female		Number	Percent female		
Total, all fields	**2,482**	**8.7**	**2,288**	**2,706**	**9.2**	**2,452**	**2,741**	**9.7**	**2,508**	**234**
Engineers, total	1,292	.5	1,229	1,375	.6	1,268	1,396	1.6	1,285	111
Scientists, total	1,190	17.7	1,059	1,330	18.2	1,184	1,345	18.2	1,223	123
Physical scientists	248	8.4	207	261	9.4	237	255	8.9	217	38
Chemists	166	9.8	137	186	11.2	157	174	10.9	147	27
Physicists/astronomers	63	3.8	54	70	3.7	61	62	3.6	52	9
Other physical scientists	19	10.4	15	*25*	*12.4*	*19*	*20*	*7.3*	*18*	*2*
Mathematical scientists	101	19.8	84	110	20.8	92	108	18.4	90	18
Mathematicians	89	19.6	74	98	20.8	82	97	18.3	82	15
Statisticians	12	21.0	10	13	20.6	11	11	19.6	8	3
Computer specialists	170	20.4	167	180	20.2	173	238	18.0	235	3
Environmental scientists	79	6.7	71	86	7.5	77	81	10.6	74	7
Earth scientists	74	7.0	67	80	7.8	72	71	12.0	65	6
Oceanographers	2	([2])	1	2	([2])	2	2	([2])	1	([2])
Atmospheric scientists	4	2.8	3	4	2.6	3	8	1.2	9	([2])
Life scientists	266	19.5	243	314	19.4	286	328	22.0	296	32
Biological scientists	126	29.2	112	140	29.3	124	154	27.9	133	21
Agricultural scientists	97	1.8	90	129	4.4	118	130	6.7	120	10
Medical scientists	43	31.3	42	46	31.4	45	44	47.5	43	1
Psychologists	109	21.1	94	123	25.0	106	132	27.3	123	8
Social scientists	217	24.4	192	237	24.5	211	205	20.6	189	17
Economists	56	6.3	48	60	6.8	52	59	11.2	53	6
Sociologists/anthropologists	46	38.1	36	51	37.8	42	45	34.6	40	5
Other social scientists	115	27.3	108	127	27.4	117	102	19.9	96	6

[1] Includes those not employed or not seeking employment, such as retirees. [2] Too few cases to estimate.

NO. 1073. CHARACTERISTICS OF SCIENTISTS AND ENGINEERS: *1976 AND 1978*

[Represents the total science and engineering population in the United States]

CHARACTERISTIC	1976, total	1978								
		Total	Engineers	Physical scientists,	Mathematical specialists	Computer specialists	Environmental scientists	Life scientists	Psychologists	Social scientists
Total (1,000)	**2,706**	**2,741**	**1,396**	**255**	**108**	**238**	**81**	**328**	**132**	**205**
	PERCENT DISTRIBUTION									
Male	90.8	90.3	98.4	91.0	81.6	82.0	89.4	78.0	72.7	79.4
Female	9.2	9.7	1.6	9.0	18.4	18.0	10.6	22.0	27.3	20.6
Under 30 years	30.0	23.7	18.9	25.5	18.8	38.1	37.4	30.8	30.4	26.8
30-39 years	27.6	28.9	25.6	24.9	40.0	38.9	19.1	30.8	34.1	28.0
40-49 years	19.1	21.5	23.2	22.8	21.7	16.8	19.8	18.5	17.6	20.8
50-59 years	15.9	16.9	21.1	16.8	11.2	5.4	15.8	12.6	12.3	15.4
60 and over	7.5	9.1	11.3	9.9	8.3	*.8*	*7.9*	*7.4*	*5.7*	*9.0*
Highest degree:										
Doctorate	10.6	11.6	3.5	25.6	15.0	2.6	17.6	25.2	28.6	23.5
Master's	24.1	28.0	19.7	23.8	63.4	26.4	30.1	34.7	60.7	40.9
Bachelor's	62.4	58.0	72.3	50.4	21.4	71.0	*52.2*	*39.8*	*10.7*	*35.5*
Other	2.9	2.4	4.6	.1	.2	.1	.1	.3	.1	.1
Type of employer:										
Business, industry	60.3	61.8	77.7	54.8	38.7	74.0	55.9	29.7	26.2	32.7
Educational institutions	15.6	15.4	3.8	26.1	39.7	7.5	*17.8*	*32.4*	*45.8*	*33.0*
Nonprofit organizations	4.0	3.2	1.4	3.7	3.5	4.7	1.5	6.4	8.4	5.5
Federal Government	8.6	8.3	7.1	8.5	10.6	6.2	14.4	14.4	3.3	9.1
Military	.8	.8	.9	.3	.9	1.2	.1	.6	1.8	.3
Other government	6.7	8.3	6.9	4.5	5.4	4.5	9.3	12.2	12.2	18.2
Other	3.9	2.2	2.1	2.1	1.1	1.8	1.0	4.2	2.2	1.2

Source of tables 1072 and 1073: U.S. National Science Foundation, *U.S. Scientists and Engineers: 1978* (NSF 80-304).

No. 1074. Research and Development Scientists and Engineers—Average Full-Time-Equivalent and Cost, by Industry and Source of Support: 1970 to 1978

[**In thousands.** Data are estimates; for 1970 on man-years basis; thereafter, on average full-time-equivalent (FTE) basis. See *Historical Statistics, Colonial Times to 1970*, series W 167, for total cost per scientist or engineer]

INDUSTRY	1970			1975			1977			1978		
	Total	Private industry	Federal Govt.	Total	Private industry	Federal Govt.	Total	Private industry	Federal Govt.	Total	Private industry	Federal Govt.
Average FTE of scientists and engineers	**375.6**	**234.9**	**140.7**	**363.8**	**260.6**	**103.2**	**393.2**	**275.6**	**117.5**	**415.8**	**290.5**	**125.3**
Chemicals and allied products	41.4	38.0	3.4	44.8	42.2	2.6	47.2	44.7	2.5	48.6	46.0	2.6
Machinery	42.5	35.4	7.1	54.2	47.0	7.2	56.8	48.7	8.1	60.6	52.0	8.6
Electrical equipment	96.2	49.9	46.3	81.4	48.2	33.2	84.9	49.1	35.8	87.4	50.5	36.9
Motor vehicle and other transport equipment	26.8	21.5	5.3	27.5	24.0	3.5	31.4	27.4	4.0	34.0	29.7	4.3
Aircraft and missiles	85.2	20.9	64.3	67.2	21.1	46.1	77.0	24.3	52.7	84.3	26.6	57.7
Other industries	83.5	69.2	14.3	88.7	78.1	10.6	95.9	81.5	14.4	100.9	85.7	15.2
Cost per scientist or engineer (dol.)	**48.1**	**22.9**	**56.2**	**66.5**	**58.2**	**82.2**	**76.1**	**70.4**	**90.7**	**79.5**	(NA)	(NA)
Chemicals and allied products	42.8	42.0	53.7	60.9	56.0	87.0	69.1	66.5	113.1	74.0	(NA)	(NA)
Machinery	40.7	40.1	39.2	58.9	59.8	73.8	69.9	69.8	72.1	73.8	(NA)	(NA)
Electrical equipment	43.9	40.7	48.1	62.7	54.3	65.6	69.9	66.4	75.3	77.1	(NA)	(NA)
Motor vehicle and other transport equipment	59.6	63.2	51.7	88.4	86.0	104.3	91.5	(NA)	(NA)	101.3	(NA)	(NA)
Aircraft and missiles	61.3	54.3	65.0	85.1	56.1	96.2	92.3	67.0	107.8	91.4	(NA)	(NA)
Other industries	42.0	39.4	55.0	55.3	52.4	75.5	63.2	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

No. 1075. Employment of Natural Scientists and Engineers in Private Industry, by Occupation and Major Industrial Sector: 1975 and 1978

[**In thousands.** Total includes nonmanufacturing industries]

OCCUPATION	1975		1978		OCCUPATION	1975		1978	
	Total	Manufacturing	Total	Manufacturing		Total	Manufacturing	Total	Manufacturing
Total	[1] **1,184**	[1] **670**	**1,211**	**662**	Physical scientists	104	85	103	63
Engineers	853	507	916	536	Chemists	65	59	67	56
Chemical	50	41	46	33	Physicists	10	10	8	3
Civil, sanitary	82	11	84	9	Geologists, geophysicists	[2] 15	[2] 3	21	2
Electrical	292	143	255	152	Other	14	13	7	3
Industrial	67	57	89	70					
Metallurgical	20	16	13	9	Life scientists	60	24	27	14
Mechanical, aeronautical	201	157	228	157	Math scientists	14	7	30	10
Petroleum	18	3	14	1	Computer scientists	143	43	135	40
Other	124	78	187	103					

[1] Includes social scientists. [2] Geologists only.

Source: U.S. National Science Foundation, and U.S. Bureau of Labor Statistics, unpublished data.

No. 1076. Employment of Science and Engineering Technicians in Private Industry, by Occupation and Major Industrial Sector: 1978

OCCUPATION	Total (1,000)	Percent distribution	Percent manufacturing	INDUSTRY	Total (1,000)	Percent distribution
Technicians, total	**1,105.1**	**100.0**	**42.4**	Mining	21.4	1.9
				Construction	44.4	4.0
Engineering technicians	819.7	74.1	42.0	Manufacturing	468.4	42.4
Drafters	263.7	23.9	42.8	Transportation, communications, public utilities	95.6	8.7
Electrical and electronic technicians	329.8	29.8	34.4	Wholesale and retail trade	131.7	11.9
Other technicians	225.7	20.4	52.0	Finance, insurance, and real estate	41.7	3.8
Science technicians	92.1	8.3	78.0	Services	301.9	27.3
Computer programmers	161.5	14.6	32.7			

Source: U.S. National Science Foundation and U.S. Bureau of Labor Statistics, unpublished data.

No. 1077. Scientists and Engineers—Employment in Institutions of Higher Education, by Field: 1965 to 1978

[**In thousands.** As of **January.** Includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R and D=research and development]

FIELD	1965	1971	1975	1977	1978	FIELD	1965	1971	1975	1977	1978
Total	**189.9**	**269.2**	**291.4**	**311.2**	**321.3**	Math, and computer scientists	13.7	24.5	28.4	32.0	32.9
Universities, colleges	178.9	257.9	278.9	297.3	306.5	Life scientists	75.8	110.3	113.5	117.4	122.5
Teaching staff	122.0	185.0	215.0	228.7	235.4	Agricultural	13.5	18.0	14.3	14.2	14.9
						Biological	24.3	31.8	38.2	42.7	43.4
Engineers [1]	21.7	27.1	27.9	29.9	30.9	Medical	38.0	60.4	61.0	60.5	64.2
Aeronautical	1.1	1.5	1.1	1.1	1.1	Psychologists	9.4	16.8	21.6	23.7	23.7
Chemical	1.6	1.8	1.9	1.9	2.0						
Civil	3.1	4.1	4.9	5.2	5.3	Social scientists [1]	32.9	43.2	48.7	53.1	54.2
Electrical	5.5	6.9	6.8	6.9	7.2	Economists	7.9	11.3	12.7	13.8	14.0
Mechanical	4.1	5.4	5.3	5.5	5.7	Sociologists	6.3	11.3	14.2	15.5	15.3
						Political science	5.9	8.9	10.6	11.2	11.3
Physical and environmental science [1]	25.5	35.9	38.7	41.3	42.2	Federally funded R and D centers	11.0	11.3	12.5	13.9	14.8
Chemists	10.7	14.7	16.1	17.1	17.6	Engineers	5.0	5.1	5.9	6.4	6.6
Earth scientists	4.0	6.5	6.0	6.9	6.9	Scientists	6.0	6.2	6.6	7.6	8.2
Physicists	9.1	12.2	12.3	12.5	12.8						

[1] Includes other engineers or scientists not shown separately.

No. 1078. Full-Time Scientists and Engineers Employed in Universities and Colleges, by Field of Employment, and Sex: 1975 to 1978

[**In thousands, except percent.** As of **January.** Excludes graduate students who receive stipends for part-time services as scientists or engineers. Excludes federally funded research and development centers]

FIELD OF EMPLOYMENT	1975	1977	1978		FIELD OF EMPLOYMENT	1975	1977	1978	
			Total	Percent male				Total	Percent male
Total	**223.3**	**235.9**	**241.1**	**84.0**	Mathematicians [2]	22.4	23.9	24.3	85.8
Physical sciences	26.7	27.5	27.9	91.2	Social sciences	38.2	41.0	41.6	81.8
Chemistry	13.8	14.5	14.7	88.3	Economics	10.2	10.7	10.8	91.0
Physics	10.9	11.1	11.3	95.8	Sociology	10.7	11.6	11.4	73.6
Other	1.9	2.0	1.9	87.2	Political science	8.7	9.0	9.0	88.1
					Other	8.6	9.7	10.4	75.9
Environmental scientists [1]	6.8	8.0	8.1	93.1					
Life sciences	90.7	94.2	97.2	79.7	Engineer	22.6	23.9	24.6	97.6
Agricultural	13.2	12.9	13.6	91.0	Aeronautical [3]	.9	1.0	1.0	98.1
Biological	33.5	36.9	37.4	79.3	Chemical	1.6	1.7	1.7	98.1
Medical	44.0	44.4	46.2	76.7	Civil	3.8	4.1	4.2	97.0
Psychology	16.0	17.3	17.4	75.2	Electrical	5.4	5.5	5.6	98.4
					Mechanical	4.4	4.5	4.5	98.7
					Other	6.5	7.2	7.6	96.5

[1] Includes atmospheric scientists and oceanographers. [2] Includes computer scientists. [3] Includes astronautical.

Source of tables 1077 and 1078: U.S. National Science Foundation, *Human Resources for Scientific Activities at Universities and Colleges*, annual.

No. 1079. Professional Scientific, Engineering, and Technical Personnel in the Federal Government, by Occupational Group: 1966 to 1978

[**In thousands, except percent.** 1966 data as of **December,** all other years as of **October**]

OCCUPATIONAL GROUP	1966	1970	1975	1977	1978	PERCENT FEMALE				
						1966	1970	1975	1977	1978
Total	**192.7**	**206.2**	**221.9**	**229.2**	**236.7**	**16.6**	**16.4**	**19.7**	**20.8**	**21.5**
Scientific personnel	71.5	77.2	77.3	81.4	[1]84.8	7.8	8.0	8.8	9.8	10.7
Physical sciences	27.3	29.8	27.1	27.1	27.5	6.4	6.4	6.6	7.3	7.9
Mathematics and statistics	7.3	8.6	10.0	10.6	11.2	20.0	17.4	15.9	16.7	17.6
Life sciences	26.0	26.9	26.4	28.3	29.3	3.7	4.1	5.1	6.1	6.6
Social sciences	5.8	6.6	8.0	9.1	9.4	14.5	16.2	17.6	19.9	21.8
Geography and cartography	3.2	3.3	2.9	3.3	3.6	8.6	8.5	7.9	9.2	9.8
Psychology	1.9	2.2	2.9	3.0	3.2	14.6	13.7	14.6	15.1	16.0
Engineering personnel	76.8	83.0	86.6	87.8	89.2	.5	.5	.7	.9	1.1
Health professional personnel	44.3	46.0	58.0	59.9	62.8	58.8	59.2	62.7	65.1	65.0
Health officers	13.1	13.0	13.4	11.7	12.1	4.7	5.5	7.8	9.8	10.6

[1] Includes community planning.

Source: U.S. National Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management.

No. 1080. Salaries of Professional, Scientific, and Technical Personnel in the Federal Government, by Occupational Field, by Sex: 1970 to 1978

[**In thousands of dollars.** Mean annual salaries as of **October;** for definition of mean, see p. xii]

Occupational field	All personnel				Male			Female		
	1970	1975	1977	1978	1970	1975	1978	1970	1975	1978
Engineering	17.8	24.2	27.8	29.5	17.8	24.2	29.6	15.5	19.2	22.4
Health officers	19.5	28.6	38.2	40.0	19.3	28.4	39.9	21.3	31.0	40.4
Nursing personnel	10.0	14.7	16.6	17.8	10.9	14.2	17.9	10.0	14.7	16.6
Scientific personnel	**16.3**	**22.5**	**25.7**	**27.0**	**16.5**	**22.8**	**27.5**	**14.0**	**19.1**	**22.4**
Physical sciences	17.8	24.4	28.3	29.7	18.1	24.8	30.3	13.6	19.2	22.5
General physical	20.5	28.1	34.0	35.8	20.7	28.3	36.4	15.0	21.7	24.5
Chemistry	16.0	22.5	25.6	27.0	16.5	23.1	27.9	13.4	18.9	22.3
Physics	17.8	25.5	29.8	31.5	17.9	25.6	31.7	15.7	21.0	25.6
Life sciences	14.3	20.0	22.7	23.9	14.3	20.1	24.1	13.0	17.5	20.0
General biological sciences	15.9	21.0	24.2	25.5	16.6	21.7	26.5	12.2	17.0	20.5
Agricultural sciences	13.2	18.6	21.0	22.3	13.2	18.6	22.4	14.9	16.2	16.7
Animal sciences	17.3	23.5	27.4	28.8	17.4	23.8	29.3	14.5	19.4	23.3
Microbiology	15.6	21.0	24.0	25.3	16.6	22.3	27.2	13.1	17.9	21.3
Plant sciences	14.5	20.8	23.6	24.7	14.5	21.0	25.2	12.5	17.5	18.6
Mathematics	15.5	22.0	25.6	27.2	15.8	22.5	28.1	14.1	19.4	23.6
Statistics	16.7	22.5	25.3	26.3	17.3	23.3	27.7	14.5	19.7	22.4
Social sciences	17.8	23.4	26.8	28.1	18.3	24.2	29.5	15.0	20.0	23.7
Economics	18.0	23.6	27.4	28.8	18.3	24.2	29.7	15.2	19.7	23.8
Geography and cartography	13.9	19.8	22.3	23.3	14.1	20.0	23.7	12.4	17.4	19.7
Psychology	18.2	23.9	27.8	29.0	18.5	24.5	29.8	15.9	20.5	25.0

Source: U.S. National Science Foundation, unpublished data. Compiled from data supplied by U.S. Office of Personnel Management.

No. 1081. Scientists, Engineers, and Physicians Admitted as Immigrants, 1967 to 1978

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes professors and instructors]

Occupation	1967–1970, total	1971–1975, total	1976–1978, total	1972	1973	1974	1975	1976	1977	1978
Scientists and engineers	**49,088**	**43,957**	**25,170**	**11,323**	**6,632**	**5,969**	**6,931**	**7,495**	**7,819**	**9,856**
Engineers [1]	34,589	29,408	17,099	7,436	4,443	3,866	4,648	5,146	5,191	6,762
Chemical	2,974	2,860	1,397	791	438	333	438	446	470	481
Civil	4,305	5,096	1,944	1,461	700	575	694	697	543	704
Electrical	5,368	4,607	2,350	1,305	661	543	676	754	680	916
Mechanical	5,743	5,374	2,310	1,470	829	627	845	823	676	811
Natural scientists [1]	12,133	11,541	5,765	3,271	1,790	1,422	1,602	1,663	1,893	2,209
Agricultural scientists [2]	1,057	1,876	965	518	388	250	305	212	314	437
Biologists, medical scientists	1,389	1,791	927	527	309	222	238	268	325	334
Chemists	5,650	4,956	2,298	1,372	711	592	675	678	752	868
Physicists	1,726	989	478	325	118	113	137	152	148	178
Social scientists	2,366	3,008	2,306	616	399	681	681	686	735	885
Physicians and surgeons	**12,896**	**29,908**	**17,692**	**7,143**	**7,119**	**4,537**	**5,361**	**6,184**	**7,073**	**4,435**

[1] Includes occupations not shown separately. [2] Includes foresters and conservationists.

Source: U.S. National Science Foundation, *Scientists, Engineers, and Physicians From Abroad,* annual through 1975; unpublished data thereafter. Data from U.S. Immigration and Naturalization Service.

No. 1082. Graduate Science Students in Doctorate-Granting Institutions, by Field and Level of Study: 1975 to 1978

[**In thousands.** As of **fall.** Includes outlying areas]

Field of science	Total students, first-year			Total students, beyond first-year			Full-time students, first-year			Full-time students, beyond first-year		
	1975	1977	1978	1975	1977	1978	1975	1977	1978	1975	1977	1978
Total	**113.2**	**115.6**	**106.7**	**183.1**	**194.3**	**205.3**	**79.7**	**80.5**	**74.7**	**131.9**	**137.9**	**142.9**
Engineering	29.3	28.9	25.3	35.8	37.8	40.9	16.5	15.8	14.6	20.6	21.0	22.5
Physical sciences	7.0	7.2	6.8	17.8	18.1	18.3	6.0	6.2	5.8	15.4	15.7	15.9
Environmental sciences	3.7	3.8	3.6	7.0	8.0	8.3	3.1	3.3	3.1	5.6	6.3	6.6
Mathematical sciences	8.6	8.2	8.0	12.5	12.8	13.7	5.3	5.1	4.8	8.5	8.6	8.9
Life sciences	28.5	31.6	29.6	44.9	51.5	55.7	23.1	24.1	22.6	36.4	40.1	42.5
Psychology	7.8	7.8	7.1	19.2	20.5	20.8	5.8	6.1	5.5	13.9	15.2	15.1
Social sciences	28.3	28.2	26.4	46.0	45.5	47.7	19.8	19.9	18.2	31.4	30.9	31.4

Source: U.S. National Science Foundation, *Survey of Graduate Science Student Support and Postdoctorals,* annual.

No. 1083. Doctorates Conferred, 1970 to 1979, and Selected Fields, 1979, by Characteristics

Characteristic	All fields [1]				1979					
	1970	1975	1977	1978	Total [1]	Physical sciences [2]	Engineering	Biological sciences [3]	Psychology	Social sciences [4]
Doctorates conferred	29,475	32,913	31,672	30,850	31,200	4,298	2,494	3,317	3,081	2,583
Percent with master's degree	78.6	81.3	81.3	81.4	81.2	61.6	90.6	52.6	78.9	83.7
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Male	86.5	78.1	75.2	73.1	71.4	88.5	97.5	73.2	59.2	75.0
Female	13.5	21.9	24.8	26.9	28.6	11.5	2.5	26.8	40.8	25.0
White [5]	(NA)	79.8	78.7	83.4	83.3	82.6	71.4	86.3	88.0	82.2
Black and other [5]	(NA)	12.1	14.1	10.7	10.9	10.3	21.8	7.9	7.5	10.3
Not reported [5]	(NA)	8.1	7.3	5.9	5.8	7.1	6.8	5.8	4.5	7.4
U.S. citizens	84.2	82.1	82.1	81.6	81.3	76.4	51.9	85.5	91.2	77.2
Foreign citizens	14.0	15.9	15.2	15.4	15.7	21.6	45.6	11.8	3.7	19.9
Citizenship unknown	1.6	2.0	2.7	2.9	3.0	2.0	2.5	2.6	5.1	2.9
Median age at award [6] (yr.)	30.7	31.5	31.6	31.7	31.9	29.0	30.3	29.4	30.5	32.4
Median total time, [6] baccalaureate to doctorate (yr.)	7.9	8.6	8.7	8.9	9.0	6.7	7.6	7.0	7.7	9.4
Registered time (yr.)	5.6	5.9	6.1	6.1	6.2	5.7	5.5	5.8	6.0	6.6

NA Not available. [1] Includes other fields, not shown separately. [2] Astronomy, physics, chemistry, earth sciences, and mathematics. [3] Biochemistry, botany, microbiology, physiology, zoology, and related fields. [4] Anthropology, sociology, economics, political science, public administration, and international relations. [5] 1978 and 1979 data on race limited to U.S. citizens and non-U.S. citizens with permanent visas (26,529 in 1978 and 26,683 in 1979). [6] For definition of median, see Guide to tabular presentation.

Source: U.S. National Science Foundation. Data from National Research Council, *Summary Report, 1979: Doctorate Recipients from United States Universities.*

No. 1084. Science Doctorates Conferred and Enrollment for Advanced Degrees: 1965 to 1979

[Doctorates conferred, years ending **June 30**; enrollment as of fall term. See also *Historical Statistics, Colonial Times to 1970*, series H 767-771, 774, and 776-780]

Field of science	1965	1970	1974	1975	1976	1977	1978	1979
Science doctorates conferred	**10,477**	**17,731**	**18,316**	**18,352**	**17,872**	**17,373**	**17,034**	**17,230**
Life sciences	2,539	4,163	4,303	4,402	4,350	4,266	4,361	4,495
Biological sciences	1,963	3,360	3,473	3,498	3,562	3,484	3,508	3,640
Agricultural sciences [1]	576	803	830	904	788	782	853	855
Physical sciences	2,865	4,400	3,800	3,749	3,572	3,410	3,234	3,321
Chemistry	1,444	2,234	1,792	1,762	1,623	1,570	1,545	1,567
Physics and astronomy	1,046	1,655	1,334	1,293	1,235	1,149	1,066	1,108
Earth, environmental, and marine sciences	375	511	674	694	714	691	623	646
Social sciences	1,361	2,626	3,286	3,344	3,278	3,137	3,008	2,862
Economics	538	826	833	867	854	809	778	780
Sociology	239	504	645	680	734	725	610	632
Anthropology	82	217	381	385	428	386	399	383
Other social sciences [2]	502	1,079	1,427	1,412	1,262	1,217	1,221	1,067
Psychology	954	1,888	2,587	2,749	2,878	2,960	3,049	3,081
Engineering	2,073	3,432	3,144	2,959	2,791	2,641	2,423	2,494
Mathematics	685	1,222	1,196	1,149	1,003	959	959	977
Graduate enrollment (1,000)	**535.3**	**816.2**	**965.0**	**1,053.8**	**1,030.0**			
Science fields (1,000)	195.3	252.2	250.7	261.5	258.2			
Percent of total	36.5	30.9	26.0	24.8	25.1			
Engineering [3] (1,000)	57.5	64.8	56.0	59.3	57.3			
Social sciences [4] (1,000)	30.0	45.0	45.6	46.3	44.2			
Biological sciences (1,000)	28.3	37.6	43.4	45.5	45.4	(NA)	(NA)	(NA)
Physical sciences (1,000)	36.5	40.1	34.9	35.5	36.1			
Psychology (1,000)	15.6	25.3	32.8	35.3	35.4			
Mathematical subjects [5] (1,000)	21.0	30.6	27.1	27.0	26.8			
Agriculture and forestry [1] (1,000)	6.4	8.7	10.8	12.6	13.1			
Health fields (1,000)	8.9	14.2	30.4	35.5	38.1			
All other fields (1,000)	331.1	549.8	683.9	756.8	733.7			

NA Not available. [1] Excludes agricultural economics. [2] Includes econometrics, statistics, geography, political science and public administration, history and philosophy of science, archeology, linguistics, and agricultural economics. [3] Includes interdisciplinary studies; excludes engineering technologies. [4] Includes agricultural economics, anthropology, archeology, demography, economics, geography, linguistics, political science and government, and sociology. [5] Includes computer and information sciences.

Source: U.S. National Science Foundation. Data from National Research Council, Doctorate Record File; and U.S. National Center for Education Statistics, *Enrollment for Masters and Higher Degrees*, annual.

NO. 1085. DOCTORAL SCIENTISTS AND ENGINEERS, BY STATES: 1979

[Includes doctorate holders receiving their degrees between 1936 and June 1978]

STATE	Total	Natural scientists	Social scientists	Engineers	STATE	Total	Natural scientists	Social scientists	Engineers
Total	**332,280**	**188,536**	**92,212**	**51,532**	Mo	5,401	3,172	1,467	762
					Mont	1,225	767	372	86
Ala	3,124	1,809	860	455	Nebr	2,068	1,378	408	282
Alaska	693	512	165	16	Nev	656	304	282	70
Ariz	3,605	1,866	1,052	687	N.H	978	571	150	257
Ark	1,115	748	284	83	N.J	13,574	7,996	2,477	3,101
Calif	39,700	20,251	11,289	8,160	N. Mex	3,884	2,586	503	795
Colo	6,321	4,038	1,371	912	N.Y	32,716	17,365	10,811	4,540
Conn	5,971	3,290	2,019	662	N.C	7,371	4,773	1,753	845
Del	2,851	2,004	363	484	N. Dak	721	492	174	55
D.C	11,616	5,387	4,895	1,334	Ohio	13,394	7,535	3,693	2,166
Fla	7,508	4,133	2,427	948	Okla	3,149	1,580	1,004	565
Ga	4,956	3,401	1,081	474	Oreg	3,867	2,347	1,116	404
Hawaii	1,649	997	537	115	Pa	15,868	8,581	4,433	2,854
Idaho	1,494	813	371	310	R.I	1,741	1,000	435	306
Ill	14,863	8,023	4,788	2,052	S.C	2,549	1,759	493	297
Ind	5,790	3,382	1,606	802	S. Dak	777	475	240	62
Iowa	3,132	2,013	945	174	Tenn	5,615	3,341	1,371	903
Kans	2,343	1,169	903	271	Tex	16,439	9,705	3,427	3,307
Ky	2,966	1,711	1,045	210	Utah	2,718	1,360	643	715
La	4,054	2,508	891	655	Vt	987	552	399	36
Maine	1,147	657	288	202	Va	9,516	5,324	2,616	1,576
Md	12,835	8,828	2,540	1,467	Wash	6,913	3,289	2,319	1,305
Mass	14,078	7,941	4,008	2,129	W. Va	1,833	1,131	447	255
Mich	10,698	6,264	2,966	1,468	Wis	5,980	3,401	1,667	912
Minn	6,187	4,138	1,539	510	Wyo	799	418	340	41
Miss	2,099	1,009	746	344	Other areas	746	442	193	111

Source: U.S. National Science Foundation, *1979 Characteristics of Doctoral Scientists and Engineers in the United States.* Data derived from the Doctoral Roster of Scientists and Engineers.

NO. 1086. FEDERAL SPACE PROGRAM—OUTLAYS, BY AGENCY: 1960 TO 1980

[In millions of dollars, except percent. Through **1976,** for years ending **June 30,** thereafter, years ending **Sept. 30.** NASA = National Aeronautics and Space Administration]

YEAR	Total [1]	NASA [2]		Dept. of Defense	Dept. of Energy [3]	YEAR	Total [1]	NASA [2]		Dept. of Defense	Dept. of Energy [3]
		Total	Percent of total					Total	Percent of total		
1960	888	329	37.0	518	41	1970	5,453	3,565	65.4	1,756	103
1961	1,468	604	47.3	710	64	1971	4,999	3,171	63.4	1,693	97
1962	2,387	1,226	51.4	1,029	130	1972	4,772	3,195	67.0	1,470	60
1963	4,079	2,517	61.7	1,368	181	1973	4,719	3,069	65.0	1,557	51
1964	5,900	4,101	69.5	1,564	220	1974	4,854	2,960	61.0	1,777	39
1965	6,856	5,005	73.0	1,592	232	1975	4,891	2,953	60.4	1,829	34
1966	7,689	5,828	75.8	1,637	188	1976	5,314	3,336	62.8	1,864	26
1967	7,208	5,307	73.6	1,673	184	1977	5,983	3,440	57.5	2,412	22
1968	6,647	4,574	68.8	1,890	146	1978	6,509	3,623	55.7	2,729	34
1969	6,331	4,083	64.5	2,095	117	1979	7,446	4,062	54.5	3,250	38
						1980, est.	8,350	4,166	50.0	4,023	34

[1] Includes agencies not shown separately. [2] Excludes aircraft technology. [3] See footnote 2, table 1065.

Source: U.S. National Aeronautics and Space Administration, *Aeronautics and Space Report of the President,* annual. Data from U.S. Office of Management and Budget.

NO. 1087. EMPLOYMENT ON NASA PROGRAMS: 1960 TO 1981

[In thousands of employees. As of **June 30** except, beginning **1977,** as of **September 30.** NASA = National Aeronautics and Space Administration]

YEAR	Total	NASA	Contractors [1]	YEAR	Total	NASA	Contractors [1]	YEAR	Total	NASA	Contractors [1]
1960	46.8	10.3	36.5	1967	306.9	33.7	273.2	1974	125.2	25.0	100.2
1961	74.6	17.1	57.5	1968	267.9	32.5	235.4	1975	127.7	24.3	103.4
1962	137.7	22.2	115.5	1969	218.3	31.7	186.6	1976	132.0	24.0	108.0
1963	246.3	27.9	218.4	1970	160.9	31.4	129.5	1977	124.1	23.6	100.5
1964	379.1	32.0	347.1	1971	143.6	29.5	114.1	1978	126.0	23.2	102.8
1965	409.9	33.2	376.7	1972	138.8	27.5	111.3	1979	(NA)	22.8	(NA)
1966	393.9	33.9	360.0	1973	134.9	26.9	108.0	1980, est	(NA)	22.6	(NA)
								1981, est	(NA)	22.7	(NA)

NA Not available. [1] Employment by private firms with contracts to perform for NASA.

Source: Aerospace Industries Association of America, Inc., Washington, D.C., *Aerospace Facts and Figures, 1980/81* (copyright).

No. 1088. National Aeronautics and Space Administration—Outlays for Research and Development: 1965 to 1980

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Performance includes research and development, and research and program management. Space science includes technology]

Year	Total outlays	Percent change	Performance				Facilities			
			Total	Space flight	Space science, applications	Air transport and other	Total	Space flight	Space science, applications	Air transport and other
1965	5,093	[1] 22.1	4,562	3,138	1,126	298	531	401	78	52
1966	5,933	16.5	5,361	3,819	1,120	422	572	391	63	118
1967	5,426	−8.5	5,137	3,477	1,160	500	289	172	47	70
1968	4,726	−12.9	4,599	3,028	1,061	510	127	69	29	29
1969	4,252	−10.0	4,187	2,754	893	540	65	27	21	17
1970	3,753	−11.7	3,699	2,195	963	541	54	14	21	19
1971	3,382	−9.9	3,338	1,877	926	535	44	8	6	30
1972	3,423	1.2	3,373	1,727	1,111	535	50	13	7	30
1973	3,316	−3.1	3,271	1,532	1,220	519	45	5	11	29
1974	3,256	−1.8	3,181	1,448	1,156	577	75	25	12	38
1975	3,266	.3	3,181	1,500	1,076	606	85	35	9	42
1976	3,670	12.4	3,549	1,934	969	646	121	66	11	43
1977	3,945	7.5	3,840	2,195	1,002	643	105	56	4	45
1978	3,984	1.0	3,860	2,204	964	692	124	56	8	60
1979	4,196	5.3	4,063	2,175	1,144	744	133	41	9	83
1980, est	5,011	19.4	4,856	2,702	1,317	837	155	43	4	108

[1] Change from 1964.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

No. 1089. Space Vehicle Systems—Sales and Backlog Orders: 1965 to 1979

[**In millions of dollars.** Backlog orders as of **Dec. 31.** Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

Year	Net sales			Backlog orders			Year	Net sales			Backlog orders		
	Total	Military	Non-military	Total	Military	Non-military		Total	Military	Non-military	Total	Military	Non-military
1965	2,449	602	1,847	2,203	503	1,700	1975	2,119	1,096	1,023	1,304	1,019	285
1970	1,956	1,025	931	1,184	786	398	1976	2,002	904	1,098	1,234	902	332
1971	1,725	860	865	916	603	313	1977	1,870	814	1,056	1,589	1,263	326
1972	1,656	905	751	959	646	313	1978	2,324	1,006	1,318	2,188	1,693	495
1973	1,562	902	660	1,177	923	254	1979	2,528	1,152	1,376	1,460	910	550
1974	1,751	944	807	1,492	1,131	361							

Source: Aerospace Industries Association of America, Inc., Washington, D.C., *Aerospace Facts and Figures, 1980/81* (copyright).

No. 1090. Space Launchings: 1957 to 1979

[Criterion of success is attainment of Earth orbit or Earth escape by payload]

Year	United States				Soviet Union successful launchings	Year	United States				Soviet Union successful launchings
	Earth orbit		Earth escape				Earth orbit		Earth escape		
	Success	Failure	Success	Failure			Success	Failure	Success	Failure	
Total	**941**	**129**	**79**	**15**	**1,707**	1968	61	15	3	–	85
						1969	58	1	8	1	80
1957	–	1	–	–	2	1970	36	1	3	–	103
1958	5	8	–	4	1	1971	45	2	8	1	114
1959	9	9	1	2	3	1972	33	2	8	–	109
1960	16	12	1	2	3	1973	23	2	3	–	129
1961	35	12	–	2	8						
1962	55	12	4	1	26	1974	27	2	1	–	114
						1975	30	4	4	–	139
1963	62	11	–	–	20	1976	33	–	1	–	141
1964	69	8	4	–	39	1977	27	2	2	–	125
1965	93	7	4	1	75	1978	34	2	7	–	140
1966	94	12	7	[1] 1	52	1979	18	–	–	–	124
1967	78	4	10	–	75						

– Represents zero. [1] Attained Earth orbit and included in Earth orbit success totals.

Source: Library of Congress, Science Policy Research Division, *United States and Soviet Progress in Space: Summary Data Through 1979 and A Forward Look,* January 1980.



Section 22

Transportation—Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage, construction, and cost; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of railroads.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics.* Another major source of data on interstate land transport is the U.S. Interstate Commerce Commission (ICC). Among its publications are the *Annual Report to Congress,* and the *Transport Statistics in the United States* volumes, which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report.* DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin,* and the *Rail-Highway Grade-Crossing Accident/Incident Bulletin.*

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in *Commodity Transportation Survey, National Travel Survey,* and *Truck Inventory and Use Survey.* The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor-vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1975 Annual Housing Survey and are contained in the 1975 report, *The Journey to Work.*

Data are also presented in many nongovernment publications. Among them are: The weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts,* both published by the Association of American Railroads, Washington, D.C.; *Bus Facts,* issued annually by the American Bus Association, Washington, D.C.; and the *Transit Fact Book,* containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, D.C. Useful annual handbooks in the field of motor-vehicle transport are *Motor Vehicle Facts and Figures,* issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich.; and *Accident Facts,* issued by the National Safety Council, Chicago, Ill.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation of oil by pipelines.

Motor carriers.—For 1960–1973, class I for-hire motor carriers of freight were classified by the ICC as those with $1 million or more of gross annual operating revenue; since 1974, the class I minimum has been $3 million. For 1960–1968, class I motor carriers of passengers were classified by the ICC as those with $200,000 or more of gross annual operating revenue; for 1969–1976, as those with revenues of $1 million or more; and since 1977, as those with $3 million or more.

Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

For years prior to 1978, class I railroads were those with annual revenues of $1 million or more for 1950–1955; $3 million or more for 1956–1964; $5 million or more for 1965–1975; and $10 million or more for 1976–1977. Since 1978 the classification has been: Class I, those having more than $50 million gross annual operating revenue; class II, from $1 million to $50 million; and class III, less than $1 million.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

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

NO. 1091. OPERATING REVENUES, BY TYPE OF TRANSPORT: 1950 TO 1978

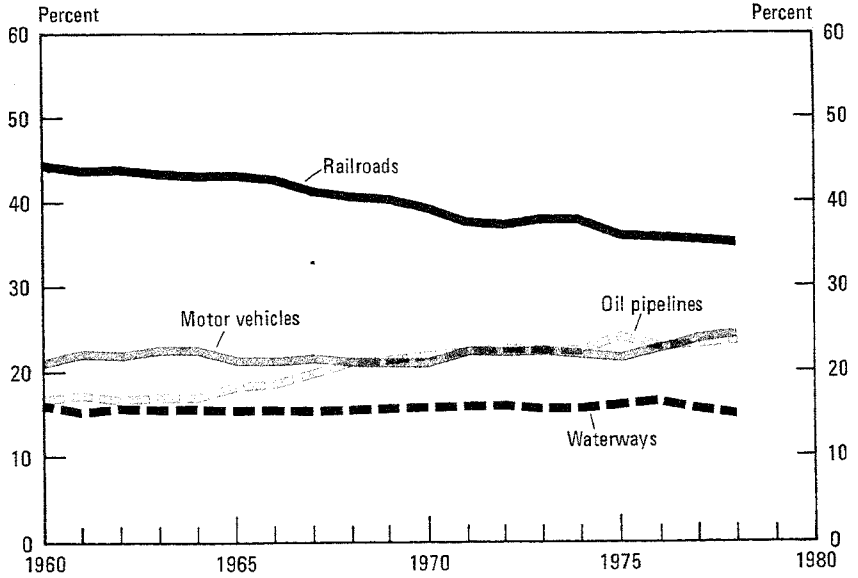
[Excludes Alaska and Hawaii, except as noted. Except for air carriers and beginning 1977, oil pipelines, data cover carriers regulated by U.S. Interstate Commerce Commission. See also *Historical Statistics, Colonial Times to 1970,* series Q 23-35]

TYPE OF TRANSPORT	1950	1955	1960	1965	1970	1975	1976	1977	1978
REVENUES (mil. dol.)									
Railroads [1 2] (class I, II)	9,924	10,590	9,955	10,738	12,511	17,400	19,630	21,300	22,600
Domestic certificated route air carriers [3]	558	1,215	2,129	3,609	7,131	11,911	13,789	15,690	17,938
International certificated route air carriers [3]	260	398	685	1,199	1,914	3,064	3,316	3,774	4,332
Charter air carriers [3]	42	77	83	141	337	433	417	516	530
Motor carriers of property [2 4]	3,737	5,535	7,214	10,068	14,585	22,000	26,000	31,000	36,500
Motor carriers of passengers [2 4]	539	552	667	885	1,062	1,360	1,387	1,410	1,480
Oil pipelines, interstate [5]	442	678	770	904	1,188	1,874	2,137	2,792	4,907
Waterlines [6]	330	452	427	426	502	946	1,035	925	944
Electric railways	79	60	23	13	11	14	13	14	14
INDEX (1967 = 100)									
Railroads [1 2] (class I, II)	91	98	92	99	115	160	181	196	208
Domestic certificated route air carriers [3]	11	25	44	74	146	244	282	321	368
International certificated route air carriers [3]	15	22	39	68	108	173	187	213	246
Charter air carriers [3]	16	30	32	54	130	167	161	199	203
Motor carriers of property [2 4]	33	49	64	89	129	195	230	274	323
Motor carriers of passengers [2 4]	57	58	71	94	112	144	147	149	157
Oil pipelines, interstate [5]	44	68	77	91	119	188	215	281	493

[1] Includes Pullman (for 1950 to 1965), line-haul, and switching and terminal companies. [2] Beginning 1960, includes Alaska and Hawaii. [3] Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual. Revenues for passenger/cargo operations. For certificated route air carriers, see also headnote, table 1160. Charter air carriers (see table 1162) cover domestic and international. [4] Class I, II, and III. [5] Beginning 1960, includes operations in Alaska. [6] Domestic (inland and coastal) traffic only.

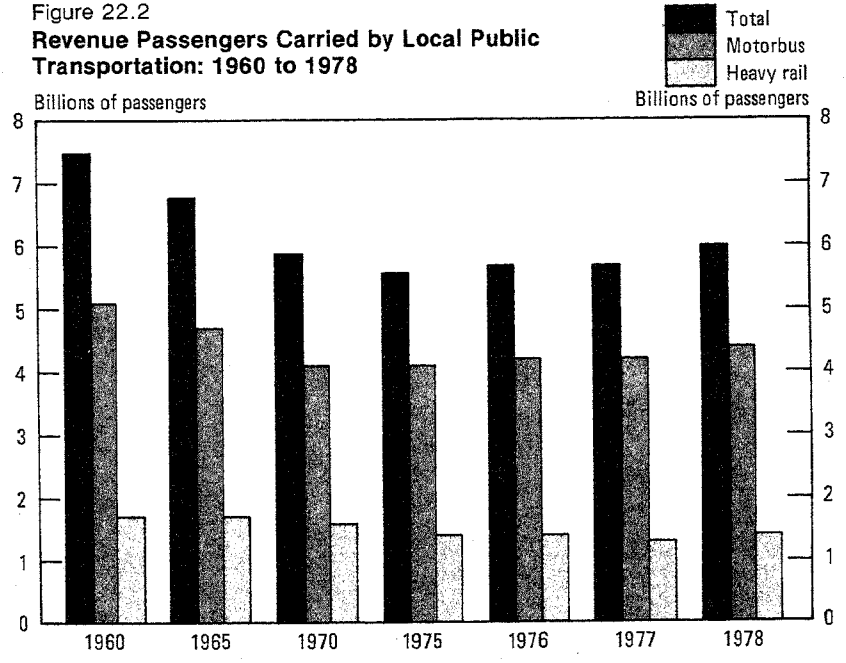
Source: Except as noted, U.S. Interstate Commerce Commission, *Annual Report; Statistics of Class I, II, and III Motor Carriers, 1939–1956* (Statement No. 589); *Transport Economics,* quarterly 1974–1979 (discontinued in 1979); and unpublished data.

Figure 22.1
Ton-Miles of Domestic Intercity Freight Traffic — Percent Distribution by Type of Transportation: 1960 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1094.

Figure 22.2
Revenue Passengers Carried by Local Public Transportation: 1960 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1131.

No. 1092. Passenger and Freight Transportation Outlays, by Type of Transport: 1960 to 1978

[In billions of dollars. Freight data include outlays for mail and express. ICC=Interstate Commerce Commission]

TYPE OF TRANSPORT	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total transportation outlays [1]	104.0	141.1	194.7	216.8	224.5	270.8	291.3	311.3	359.4	407.1	457.9
Passenger, total	58.1	81.4	111.8	128.9	142.4	156.8	168.8	185.2	215.0	244.1	270.1
Private transportation	51.2	72.5	97.3	113.1	124.9	138.0	147.1	159.5	187.0	212.2	234.5
Automobiles [2]	50.0	70.0	92.3	107.1	117.9	129.8	137.8	148.6	174.9	199.2	220.3
New and used cars	20.2	30.4	32.7	42.0	47.0	51.4	44.2	48.0	62.9	74.2	82.2
Tires, tubes, accessories	2.8	3.8	5.4	6.0	6.7	7.5	8.1	8.8	9.8	11.2	12.3
Gasoline and oil	14.4	19.6	29.3	31.2	33.2	37.1	48.5	52.7	57.2	62.3	67.9
Insurance less claims	2.3	2.8	4.3	5.6	6.2	6.0	5.8	4.4	6.2	8.7	10.1
Interest on debt	2.8	3.5	4.7	4.8	5.6	6.5	7.3	7.5	7.8	8.6	9.0
Registration and operator's permit fees	1.0	1.3	1.9	2.0	2.1	2.2	2.3	2.3	2.7	2.8	3.0
Repair, greasing, washing, parking, tolls [3]	6.5	8.7	14.0	15.6	17.3	19.1	21.6	24.9	28.2	31.5	35.8
Small truck [4]	.3	1.1	2.4	2.9	3.5	4.0	4.9	6.1	7.0	7.8	8.6
Air	.9	1.4	2.6	3.1	3.5	4.1	4.4	4.7	5.2	5.2	5.6
Aircraft	.2	.3	.4	.3	.6	.8	.8	1.0	1.2	1.5	1.7
Operating costs	.7	1.0	2.3	2.8	3.0	3.3	3.6	3.8	4.0	3.7	3.9
For-hire transportation	6.9	8.9	14.5	15.7	17.4	18.8	21.7	25.7	28.0	31.9	35.6
Local [5]	2.8	3.2	4.6	4.9	5.2	5.5	6.1	9.1	9.1	10.2	11.4
Bus and transit [6]	1.3	1.5	1.8	1.9	2.0	2.2	2.4	4.9	4.5	5.3	6.2
School bus	.5	.7	1.2	1.4	1.5	1.6	1.9	2.2	2.4	2.5	2.7
Taxi	.9	.9	1.4	1.5	1.5	1.5	1.6	1.8	2.0	2.2	2.2
Intercity [5]	3.3	4.4	7.7	8.4	9.4	10.4	12.3	12.9	14.9	17.2	19.6
Air	2.1	3.3	6.6	7.3	8.2	9.1	10.8	11.2	13.0	14.9	17.1
Rail [7]	.6	.5	.3	.3	.3	.4	.5	.6	.9	1.2	1.3
Bus	.6	.6	.8	.8	.8	.9	1.0	1.0	1.1	1.1	1.2
International	.9	1.3	2.2	2.4	2.6	2.9	3.3	3.7	4.0	4.5	4.7
Freight, total [5]	46.8	61.1	83.8	93.4	103.9	117.5	124.5	126.0	145.8	167.2	192.6
Highway [5]	31.5	43.8	62.5	70.9	80.2	90.5	93.7	95.3	110.7	128.3	147.4
Truck, intercity	18.0	23.6	33.6	37.5	40.0	44.6	48.8	47.4	56.2	67.4	79.6
ICC regulated	7.2	10.1	14.6	16.7	18.7	20.8	22.7	22.0	26.0	31.0	36.5
Non-ICC regulated	10.7	13.6	19.0	20.8	21.3	23.8	26.1	25.4	30.2	36.4	43.1
Truck, local [4]	13.5	20.1	28.8	33.3	40.1	45.7	44.7	47.8	54.2	60.7	67.6
Rail	9.0	9.9	11.9	12.7	13.1	14.8	17.0	16.5	19.2	20.5	21.9
Water	3.3	3.8	5.1	5.2	5.6	6.8	8.0	7.9	8.9	10.3	12.4
Oil pipeline	.9	1.1	1.4	1.5	1.6	1.7	1.9	2.2	2.5	3.2	5.5

[1] Total outlays adjusted to include Federal Government expenditures for public facilities (airways, airports, highways, ground transportation research and development programs, and Urban Mass Transportation Administration programs) and State government expenditures for highways not otherwise included in other items shown, less transport user charges. Estimated freight costs included in costs of new cars gasoline, oil, tires, and tubes excluded to prevent duplication. [2] Includes business-owned vehicles. [3] Includes storage and rental. [4] Small trucks used predominantly for personal transportation included under "passenger". [5] Includes items not shown separately. [6] Includes Federal, State and local government operating subsidies and capital grants. [7] Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Association of America, Washington, D.C., *Transportation Facts and Trends*, quarterly. (Copyright.)

No. 1093. Personal Consumption Expenditures for Transportation: 1960 to 1978

[In billions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total transportation expenditures	42.4	58.2	78.0	110.9	115.1	125.5	150.8	171.9	191.3
Percent of total personal consumption [1]	13.1	13.5	12.6	13.7	12.9	12.8	13.8	14.2	14.2
User-operated transportation	39.1	54.2	72.5	104.3	107.7	117.9	142.2	162.5	181.1
New autos	14.0	21.4	22.1	34.5	27.5	30.0	39.4	46.2	50.3
Net purchases of used autos	2.6	3.9	5.7	8.4	8.8	10.2	13.8	15.5	17.7
Other motor vehicles	.6	1.3	2.5	5.9	4.7	5.7	8.5	10.4	12.8
Tires, tubes, accessories, other parts	2.5	3.2	4.6	6.4	6.9	7.5	8.3	9.5	10.4
Repair, greasing, washing, parking [2]	5.1	6.9	11.2	15.4	17.6	20.4	23.2	25.9	29.5
Gasoline and oil	12.0	14.7	22.0	27.8	36.4	39.5	42.9	46.7	50.9
Bridge, tunnel, ferry, road tolls	.3	.5	.6	.8	.8	.8	.8	.9	.9
Insurance premiums less claims paid	2.0	2.4	3.7	5.1	4.9	3.8	5.3	7.4	8.6
Purchased local transportation [3]	2.0	2.1	2.5	2.6	2.8	3.0	3.3	3.5	3.7
Transit systems	1.3	1.3	1.6	1.6	1.7	1.8	1.9	2.1	2.2
Taxicab	.6	.6	.8	.8	.9	1.0	1.1	1.2	1.2
Purchased intercity transportation	1.3	1.9	3.0	3.9	4.6	4.6	5.3	6.0	6.5
Airline	.7	1.2	2.2	3.0	3.5	3.6	4.2	4.8	5.3
Bus	.3	.4	.5	.5	.6	.6	.6	.6	.7
Railway and other [4]	.3	.3	.3	.4	.5	.4	.5	.5	.6

[1] See table 733. [2] Includes rental and storage. [3] Includes railway commutation. [4] Railway excludes commutation; "other" consists of baggage charges, coastal and inland waterway fares, and travel agents' fees.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74*, and *Survey of Current Business*, July issues.

No. 1094. Volume of Domestic Intercity Freight and Passenger Traffic, by Type of Transport: 1950 to 1978

[Prior to 1960, excludes Alaska and Hawaii, except as noted. A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1970*, series Q1-22]

TYPE OF TRANSPORT	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
FREIGHT TRAFFIC	BILLIONS OF TON-MILES											
Total	1,094	1,298	1,330	1,651	1,936	2,071	2,232	2,212	2,066	2,202	2,307	2,436
Railroads [1]	628	655	595	721	771	783	858	852	759	800	834	868
Motor vehicles	173	223	285	359	412	470	505	495	454	510	555	602
Inland waterways [2]	163	217	220	262	319	339	358	355	342	373	368	375
Oil pipelines	129	203	229	306	431	476	507	506	507	515	546	586
Domestic airways [3 4]	.3	.6	.8	1.9	3.3	3.7	3.9	3.9	3.7	3.9	4.2	4.6
	PERCENT DISTRIBUTION											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Railroads [1]	57.44	50.43	44.73	43.67	39.83	37.80	38.51	38.52	36.74	36.33	36.15	35.63
Motor vehicles	15.80	17.20	21.46	21.76	21.28	22.70	22.66	22.38	21.97	23.16	24.06	24.71
Inland waterways [2]	14.93	16.68	16.56	15.89	16.46	16.35	16.08	16.05	16.55	16.94	15.95	15.39
Oil pipelines	11.81	15.66	17.19	18.56	22.26	22.98	22.75	22.87	24.54	23.38	23.67	24.06
Domestic airways [3 4]	.03	.04	.06	.12	.17	.18	.18	.18	.19	.18	.18	.19
PASSENGER TRAFFIC	BILLIONS OF PASSENGER-MILES											
Total	508	716	784	920	1,185	1,300	1,356	1,331	1,352	1,440	1,450	1,542
Private automobiles	438	637	706	818	1,026	1,129	1,174	1,143	1,164	1,236	1,234	1,298
Domestic airways [3 5]	10	23	34	58	119	133	143	146	148	165	176	204
Bus [6]	26	25	19	24	25	26	26	28	26	25	26	25
Railroads [1]	32	29	22	18	11	9	9	10	10	10	10	11
Inland waterways [2]	1.2	1.7	2.7	3.1	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.0
	PERCENT DISTRIBUTION											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private automobiles	86.20	89.01	90.10	88.86	86.60	86.82	86.58	85.88	86.09	85.83	85.10	84.18
Domestic airways [3 5]	1.98	3.18	4.33	6.31	10.01	10.24	10.55	10.97	10.95	11.46	12.14	13.23
Bus [6]	5.20	3.56	2.47	2.58	2.14	1.97	1.92	2.10	1.92	1.74	1.79	1.62
Railroads [1]	6.39	4.01	2.75	1.91	.92	.66	.67	.75	.74	.69	.69	.71
Inland waterways [2]	.23	.24	.34	.34	.34	.31	.29	.30	.30	.28	.28	.26

[1] Includes electric railways. Beginning 1970, freight traffic excludes mail and express. [2] Includes Great Lakes. Freight traffic includes Alaska for all years and Hawaii beginning 1960. [3] Revenue service only for certificated route and charter carriers. [4] Includes express, mail, and excess baggage. [5] Includes private pleasure and business flying. [6] Excludes school bus.

Source: U.S. Interstate Commerce Commission, *Annual Report; Intercity Ton-Miles, 1939-1959* (Statement No. 6103); *Transport Economics*, quarterly (discontinued in 1979); and unpublished data.

No. 1095. Federal Outlays for Transportation, by Function: 1965 to 1980

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30, 1980** estimated]

FUNCTION	TOTAL OUTLAYS (mil. dol.)							PERCENT DISTRIBUTION			
	1965	1970	1975	1977	1978	1979	1980	1970	1975	1979	1980
Total outlays [1]	**5,746**	**7,006**	**10,388**	**14,636**	**15,444**	**17,459**	**19,631**	**100.0**	**100.0**	**100.0**	**100.0**
Ground transportation	4,105	4,678	6,501	10,037	10,355	12,064	[2] 13,571	66.8	62.6	69.1	[2] 69.1
Highway construction [3]	(NA)	(NA)	4,821	5,719	5,640	6,759	7,116	(NA)	46.4	38.7	36.2
Highway safety	(NA)	(NA)	150	583	644	733	1,243	(NA)	1.4	4.2	6.3
Mass transit	(NA)	(NA)	929	2,000	2,177	2,542	2,712	(NA)	8.9	14.6	13.8
Railroads	(NA)	(NA)	555	1,676	1,829	1,962	2,321	(NA)	5.3	11.2	11.8
Regulation	(NA)	(NA)	46	59	65	67	79	(NA)	.4	.4	.4
Air transportation	944	1,422	2,408	2,816	3,277	3,392	3,779	20.3	23.2	19.4	19.2
Airways and airports	(NA)	(NA)	2,029	2,369	2,778	2,850	3,124	(NA)	19.5	16.3	15.9
Aeron. research and technology	(NA)	(NA)	316	344	398	443	532	(NA)	3.0	2.5	2.7
Air carrier subsidies	(NA)	(NA)	64	80	77	72	94	(NA)	.6	.4	.5
Regulation	(NA)	(NA)	(NA)	23	25	27	30	(NA)	(NA)	.2	.2
Water transportation	730	913	1,459	1,749	1,854	1,977	2,250	13.0	14.0	11.3	11.5
Marine safety and transportation	(NA)	(NA)	922	1,149	1,273	1,424	1,570	(NA)	8.9	8.2	8.0
Ocean shipping	(NA)	(NA)	537	591	571	543	668	(NA)	5.2	3.1	3.4
Regulation	(NA)	(NA)	(NA)	8	9	10	12	(NA)	(NA)	.1	.1
Other	1	26	74	76	61	93	102	.4	.7	.5	.5

NA Not available. [1] Total reflects deductions for offsetting receipts. [2] Includes $100 million (.5 percent) for transportation energy initiatives, not shown separately. [3] Includes improvement.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 1096. 50 LARGEST TRANSPORTATION COMPANIES—REVENUES AND ASSETS, BY RANK OF OPERATING REVENUES: 1960 TO 1979

[**In billions of dollars, except percent.** Revenues include nontransportation activities; assets as of end of companies' fiscal years. Companies listed derive more than 50 percent of their operating revenues from the transport of passengers and/or freight (e.g., railroads, airlines, motor carriers, pipelines); excludes companies primarily engaged in freight forwarding, express shipping, or vehicle rental]

OPERATING REVENUE GROUP	REVENUES					ASSETS				
	1960	1970	1975	1978	1979	1960	1970	1975	1978	1979
50 largest, total	11.8	23.0	38.6	56.0	63.0	30.7	46.4	53.1	71.3	73.4
Lowest ten	.7	1.0	1.7	2.7	3.1	1.3	1.8	2.3	2.4	2.0
Second ten	1.1	1.4	3.0	4.6	5.0	1.9	1.7	3.0	6.1	5.1
Third ten	1.8	2.5	4.6	7.3	8.5	5.5	3.8	5.3	14.8	9.2
Fourth ten	2.7	5.6	10.5	13.8	15.4	7.6	12.7	18.1	18.1	21.4
Highest ten	5.5	12.6	18.8	27.6	31.0	14.4	26.4	24.5	29.9	35.8
Percent, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest ten	6.1	4.4	4.4	4.8	4.9	4.2	3.8	4.3	3.4	2.7
Second ten	9.4	5.9	7.8	8.2	8.0	6.2	3.6	5.6	8.5	6.9
Third ten	15.1	10.8	11.9	13.0	13.5	18.1	8.3	10.0	20.8	12.5
Fourth ten	23.0	24.1	27.2	24.6	24.5	24.7	27.4	34.1	25.4	29.1
Highest ten	46.3	54.8	48.7	49.3	49.1	46.8	56.9	46.1	41.9	48.8

Source: Time, Inc., New York, N.Y.; adopted from *The Fortune Directory,* July issues. (Copyright.)

NO. 1097. EMPLOYMENT IN TRANSPORTATION, BY TYPE OF TRANSPORT: 1965 TO 1979

[Annual averages of monthly figures. Based on Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Q 36-42]

TYPE OF TRANSPORT	NUMBER (1,000)							PERCENT				
	1965	1970	1975	1976	1977	1978	1979	1965	1970	1975	1978	1979
Total	2,532	2,684	2,636	2,680	2,782	2,911	3,037	100.0	100.0	100.0	100.0	100.0
Trucking [1]	882	999	1,024	1,068	1,132	1,222	1,286	34.9	37.2	38.8	42.0	42.3
Public warehousing	82	84	84	81	88	90	91	3.2	3.1	3.2	3.1	3.0
Railroads	735	634	548	538	545	536	546	29.0	23.6	20.8	18.4	18.0
Class I railroads [2]	640	566	498	494	502	490	503	25.3	21.1	18.9	16.8	16.5
Airlines [3]	229	352	363	374	386	405	423	9.0	13.1	13.8	13.9	13.9
Local and interurban passengers	269	269	270	264	262	258	261	10.6	10.0	10.2	8.9	8.6
Waterlines [3]	230	213	195	195	196	212	225	9.1	8.0	7.4	7.3	7.4
Pipelines [4]	20	18	18	18	19	20	19	.8	.7	.7	.7	.6
Transportation services	85	115	134	142	156	169	186	3.4	4.3	5.1	5.8	6.1

[1] Includes terminals. [2] See text, p. 636. [3] Covers establishments engaged in domestic and/or international service. [4] Oil and other commodities, except natural gas.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 1098. INTERCITY CARRIERS OF SMALL SHIPMENT TRAFFIC—REVENUES, BY TYPE OF CARRIER: 1965 TO 1978

[Covers shipments of less than 10,000 pounds by intercity carriers regulated by Interstate Commerce Commission]

TYPE OF CARRIER	TOTAL (mil. dol.)								PERCENT			
	1965	1970	1973	1974	1975	1976	1977	1978 [1]	1965	1970	1975	1978 [1]
Total revenues	[2] 5,229	[2] 7,408	[2] 10,195	[2] 11,359	11,034	13,049	13,837	15,151	100	100	100	100
Motor carriers, class I and II [3]	3,100	4,193	5,799	6,569	6,030	7,300	8,407	9,403	59	57	55	62
Railroads, class I *and II* [4]	53	37	26	26	18	17	22	23	1	(Z)	(Z)	(Z)
Bus express	61	102	115	122	131	152	154	173	1	1	1	1
Water and maritime carriers	14	11	11	7	8	16	9	5	(Z)	(Z)	(Z)	(Z)
Air freight	322	812	1,229	1,378	1,558	1,795	(NA)	(NA)	6	11	14	(X)
United Parcel Service [5]	93	420	832	922	1,175	1,228	2,329	2,776	2	6	11	18
Freight forwarder	459	594	962	1,111	1,158	1,653	1,894	1,857	9	8	10	12
Parcel post	698	929	954	954	957	888	1,022	914	13	13	9	6

NA Not available. X Not applicable. Z Less than .5 percent. [1] Preliminary. [2] Includes REA Express, *which declared bankruptcy in 1975.* [3] Less than truckload. [4] Less than carload. [5] Data are for intercity shipments only.

Source: U.S. Interstate Commerce Commission, *Transport Economics,* vol. V, No. 1, 1978, and unpublished data.

NO. 1099. TRANSPORTATION ACCIDENTS, AND RESULTING DEATHS AND INJURIES, BY TYPE OF TRANSPORT: 1970 TO 1979

[Data for waterborne carriers are for years ending **June 30** except, beginning **1977,** ending **Sept. 30;** all other data for **calendar year.** For motor vehicle data, see also tables 1110–1112; for railroad data, see also tables 1140 and 1152; for air carrier and general aviation data, see tables 1157 and 1160]

YEAR AND CASUALTY	Total (1,000)	TYPE OF TRANSPORT								
		Motor vehicle [1] (1,000)	Railroad [2]	Air carrier [3]	General aviation	Recreational boating [4]	Gas pipelines [5]	Liquid pipelines [6]	Waterborne [7]	Hazardous materials [8]
Accidents:										
1970	16,021	16,000	8,095	55	4,712	3,803	1,304	347	2,582	(NA)
1975	16,524	16,500	8,041	45	4,237	6,308	1,425	257	3,305	10,779
1976	16,827	16,800	10,248	28	4,193	7,199	1,351	212	4,211	11,898
1977	17,627	17,600	10,362	26	4,286	6,815	1,698	237	3,574	15,954
1978	18,328	18,300	11,277	25	4,608	6,529	1,508	278	4,268	18,022
1979	[9] 18,121	18,100	9,832	33	4,238	5,116	1,814	221	(NA)	17,522
Deaths:										
1970	56.5	52.6	785	146	1,310	1,418	38	4	178	(NA)
1975	48.2	44.5	575	124	1,345	1,466	23	7	190	27
1976	50.0	45.5	510	45	1,320	1,264	68	5	269	18
1977	52.1	47.9	534	655	1,436	1,312	37	3	216	3
1978	54.1	50.3	582	163	1,548	1,321	37	3	179	46
1979	[9] 54.7	51.1	552	353	1,311	1,342	41	4	(NA)	18
Injuries:										
1970	2,025	2,000	21,327	274	1,894	780	347	21	105	(NA)
1975	1,859	1,800	54,306	194	1,929	2,136	819	17	74	655
1976	1,870	1,800	65,331	230	1,816	1,838	340	4	153	820
1977	1,972	1,900	67,867	218	1,921	1,779	443	15	136	750
1978	2,077	2,000	72,545	311	1,847	1,761	452	9	119	1,132
1979	(NA)	2,000	74,073	(NA)	1,764	2,340	(NA)	12	(NA)	942

NA Not available. [1] Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 1110. Other data are from National Safety Council. [2] Number of accidents covers only those accidents which result in damages to railroad property exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold was raised from $750 to $1,750 in 1975 and to $2,300 in 1977. Deaths exclude fatalities in railroad-highway grade crossing accidents. [3] Covers certificated route and charter air carriers, commercial operators of large aircraft (beginning 1975), and deregulated carriers (beginning 1979). [4] Accidents are required to be reported to U.S. Coast Guard whenever they result in a death; a person's losing consciousness or receiving medical treatment or being disabled for more than 24 hours; damages exceeding $100; or a person's disappearance. [5] Accidents as reported on incident/accident reports filed during reporting year. Fatalities and injuries as reported in annual report. [6] Pipelines carrying hazardous materials, petroleum, and liquid petroleum products. [7] Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding $1,500; material damage affecting the sea-worthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3 days. [8] Accidents, deaths, and injuries involving hazardous materials cover all types of transport. [9] Excludes waterborne.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *Transportation Safety Information Report,* quarterly.

NO. 1100. RURAL AND MUNICIPAL HIGHWAY MILEAGE, BY GOVERNMENTAL CONTROL: 1950 TO 1978

[**In thousands, except percent.** As of **Dec. 31.** Prior to **1960,** excludes Alaska and Hawaii. Municipal roads are those within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas. All other roads are classed as rural. For definition of surfaced roads, see footnote 1, table 1104. See also *Historical Statistics, Colonial Times to 1970,* series Q 50, 51, and 55]

MILEAGE AND CONTROL	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total mileage	**3,313**	**3,418**	**3,546**	**3,690**	**3,730**	**3,807**	**3,816**	**3,838**	**3,857**	**3,867**	**3,885**
Rural mileage	2,990	3,045	3,116	3,183	3,169	3,176	3,178	3,199	3,209	3,180	3,190
Percent surfaced	56.2	63.8	69.5	72.3	76.1	76.7	77.2	77.6	78.2	78.6	79.4
Under State control	580	620	659	687	707	711	706	711	711	702	703
Under local control	2,336	2,333	2,345	2,346	2,275	2,249	2,248	2,261	2,264	2,235	2,255
Under Federal control	73	93	112	150	188	216	224	227	234	242	232
Municipal mileage	323	373	430	506	561	631	638	639	648	687	694
Under State control	36	42	50	65	74	82	84	84	87	86	87
Under local control	287	331	379	442	487	550	554	555	561	600	607
Federal-aid highway system: [1]											
Primary	234	235	265	269	272	268	268	266	307	310	311
Interstate [2]	(X)	(X)	10	21	32	35	36	37	38	39	39
Urban	(X)	(X)	(X)	(X)	(X)	17	37	65	124	131	133
Secondary	410	514	601	640	647	655	651	643	392	400	401

X Not applicable. [1] Beginning 1976, data by system not comparable with prior years due to changes in classification. [2] Highway mileage open to traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics,* annual.

No. 1101. Highway Mileage of Rural Roads: 1960 to 1978

[**In thousands.** As of **Dec. 31.** For definition of rural roads, see headnote, table 1100. For definition of surfaced roads, see footnote 1 table 1104. See also *Historical Statistics, Colonial Times to 1970*, series Q 51–54]

ITEM	TOTAL RURAL MILEAGE					SURFACED RURAL				
	1960	1965	1970	1975	1978	1960	1965	1970	1975	1978
Total	**3,116**	**3,183**	**3,169**	**3,199**	**3,190**	**2,165**	**2,302**	**2,411**	**2,483**	**2,534**
Primary State highways	403	414	408	412	402	399	410	405	409	400
Secondary roads under State control	241	249	273	268	271	211	226	253	251	255
County roads	1,742	1,740	1,733	1,739	1,706	1,128	1,203	1,265	1,310	1,318
Other roads under local control	603	607	542	522	548	393	408	417	421	442
National and State parks, forests, etc	127	173	213	258	262	34	55	71	92	118

No. 1102. Receipts and Disbursements for Highways, by Type: 1970 to 1978

[**In millions of dollars.** Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 440. State data include District of Columbia]

TYPE	1970			1975			1978		
	Total [1]	Federal	State	Total [1]	Federal	State	Total [1]	Federal	State
Total receipts	**21,747**	**6,124**	**11,720**	**29,160**	**7,676**	**15,105**	**34,927**	**9,686**	**17,755**
Current income	19,861	6,124	10,415	26,921	7,676	13,693	33,185	9,686	16,813
Imposts on highway users [2]	15,311	5,295	9,688	18,578	5,699	12,387	22,352	7,006	14,769
Other taxes and fees	3,732	598	396	6,605	1,250	768	8,611	1,754	1,302
Investment income and other receipts	818	231	331	1,738	727	538	2,222	926	742
Bond issue proceeds [3]	1,886	-	1,305	2,239	-	1,412	1,742	-	942
Intergovernmental payments [4]	(x)	−4,750	+2,364	(x)	−6,595	+3,019	(x)	−7,423	+3,069
Funds drawn from (+) or placed in (−) reserves	−912	−943	+16	−461	−452	+66	−1,706	−1,439	−545
Total funds available	20,835	431	14,100	28,699	629	18,190	33,221	824	20,279
Total disbursements	**20,835**	**431**	**14,100**	**28,699**	**629**	**18,190**	**33,221**	**824**	**20,279**
Current disbursements	19,583	431	13,318	27,207	629	17,282	31,542	824	19,310
Capital outlay	11,575	262	9,327	14,398	327	11,011	14,567	452	11,005
Maint. and traffic services	4,720	46	1,967	7,286	89	2,987	9,962	114	4,095
Admin. and research	1,275	123	719	1,981	213	1,124	2,583	258	1,530
Law enforcement and safety	1,303	-	800	2,413	-	1,337	3,066	-	1,686
Interest on debt	710	-	505	1,129	-	823	1,364	-	994
Debt retirement	1,252	-	782	1,492	-	908	1,679	-	969

- *Represents zero.* X *Not applicable.* [1] *Includes other levels of government not shown separately.*
[2] Excludes amounts later allocated for nonhighway purposes. [3] Par value. Excludes issue and redemption of *short-term* notes or refunding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other receipts. Redemption premiums and discounts are included with interest on debt. [4] Plus sign (+) indicates net receipt of funds from other levels of government; minus sign (−) indicates net disbursement of funds to other levels.

No. 1103. Public Highway Debt—State and Local Governments: 1960 to 1980

[**In millions of dollars.** Long-term obligations. State data are for calendar years; local data for varying fiscal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1970*, series Q 136–147]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979 [1]	1980 [2]
Total debt issued [3]	**1,206**	**1,070**	**1,886**	**1,657**	**2,239**	**2,224**	**2,230**	**1,742**	**1,623**	**1,850**
State	680	586	1,305	846	1,412	1,462	1,183	942	773	900
County and local rural	190	169	174	230	222	198	339	200	225	275
Municipal	336	315	407	581	605	564	708	600	625	675
Total debt redeemed [4]	**616**	**855**	**1,252**	**1,445**	**1,492**	**1,567**	**1,648**	**1,679**	**1,712**	**1,744**
State	300	459	782	887	908	920	960	969	982	984
County and local rural	96	123	152	163	166	172	178	185	190	200
Municipal	220	273	318	395	418	475	510	525	540	560
Total debt outstanding	**13,166**	**15,316**	**19,107**	**23,016**	**23,801**	**24,455**	**25,037**	**25,100**	**25,011**	**25,117**
State	9,384	10,905	13,903	16,918	17,422	17,964	18,187	18,160	17,951	17,867
County and local rural	1,280	1,363	1,685	1,775	1,822	1,846	2,007	2,022	2,057	2,132
Municipal	2,502	3,048	3,519	4,323	4,557	4,645	4,843	4,918	5,003	5,118

[1] Preliminary. [2] Estimated. [3] *Excludes refunding issues.* [4] Excludes redemptions by refunding.

Source of tables 1101–1103: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

NO. 1104. MUNICIPAL AND RURAL HIGHWAY MILEAGE, 1970 TO 1978, AND FEDERAL AID HIGHWAY MILEAGE, 1978—STATES

[As of **Dec. 31.** For definition of municipal and rural roads, see headnote, table 1100. Compiled for latest available year from reports of State authorities and planning survey data. A State's total mileage may decrease because of abandonment of roads and elimination of curves, circuitous routes, and natural obstacles]

STATE	1970, total (1,000)	1975, total (1,000)	1978								
			Total (1,000)	Municipal (1,000)	Rural			Federal-aid highway system			
					Total (1,000)	Percent		Primary		Urban	Secondary
						Surfaced[1]	Under local control	Total	Interstate[2]		
U.S	**3,730.1**	**3,838.1**	**3,885.5**	**694.7**	**3,190.8**	**80.2**	**70.7**	**310,605**	**39,412**	**132,828**	**400,501**
Ala	78.9	86.5	87.0	19.3	67.7	94.9	70.8	7,829	770	2,298	11,203
Alaska	7.3	9.9	[3] 9.9	[3] 1.7	[3] 8.3	[3] 59.8	[3] 21.7	3,673	-	114	2,668
Ariz	42.7	51.6	57.5	10.8	46.7	74.8	46.7	4,659	1,101	1,705	3,707
Ark	78.9	77.8	74.2	10.6	63.6	85.4	75.3	5,881	524	890	7,036
Calif	164.1	171.1	176.3	62.2	114.1	62.5	52.8	13,391	2,204	16,091	11,046
Colo	82.3	85.5	87.3	9.1	78.2	[4] 65.6	87.6	5,240	866	2,206	3,470
Conn	18.4	18.9	[4] 19.1	[4] 13.6	[4] 5.5	[4] 99.3	[4] 72.7	1,645	281	2,816	931
Del	4.9	5.2	[3] 5.2	[3] 1.0	[3] 4.2	[3] 99.8	[3] 2.4	487	41	284	628
D.C	1.1	1.1	[3] 1.1	[3] 1.1	(x)	(x)	(x)	90	12	320	-
Fla	89.5	101.5	97.1	26.6	70.5	67.6	84.5	9,185	1,149	5,058	4,602
Ga	100.0	101.5	103.0	16.4	86.6	72.6	81.8	11,791	1,118	2,991	14,269
Hawaii	3.5	3.8	3.9	1.1	2.8	99.3	64.3	670	34	202	468
Idaho	56.0	57.5	64.0	3.6	60.4	49.2	41.4	3,237	594	492	4,151
Ill	129.9	131.5	133.2	30.7	102.6	94.4	86.7	13,065	1,670	6,328	12,766
Ind	91.0	91.2	90.9	16.3	74.5	99.2	86.7	6,168	1,115	4,786	8,717
Iowa	112.1	112.4	112.1	13.4	98.8	94.6	90.7	9,968	729	2,295	13,219
Kans	134.0	134.7	134.9	11.8	123.0	75.0	91.8	8,946	797	1,416	22,541
Ky	69.1	70.1	68.8	6.3	62.5	93.1	61.4	4,659	679	1,779	7,328
La	52.8	54.7	55.4	10.4	45.0	95.1	66.2	4,141	623	1,474	7,601
Maine	21.4	21.6	21.8	3.0	18.8	93.8	41.0	2,304	310	663	2,748
Md	26.3	25.9	27.0	4.4	22.5	99.8	74.2	2,787	334	1,929	2,046
Mass	29.1	32.8	33.6	27.2	6.4	97.4	87.5	2,755	420	5,489	2,208
Mich	114.7	118.8	119.4	20.2	99.2	48.7	89.1	8,547	1,111	5,450	17,291
Minn	127.7	128.4	127.9	19.2	108.7	90.9	88.3	10,241	817	1,969	16,248
Miss	66.8	67.5	68.5	7.8	60.7	97.7	83.2	6,737	652	1,512	11,784
Mo	115.3	117.0	117.6	18.2	99.3	94.8	69.3	8,049	1,094	2,159	18,097
Mont	78.3	78.2	77.9	2.7	75.2	61.7	78.7	6,688	1,042	328	4,709
Nebr	100.4	97.1	96.7	7.3	89.4	82.3	88.5	7,774	481	962	11,450
Nev	49.7	49.7	49.9	1.8	48.1	31.2	89.6	2,961	479	369	2,459
N.H	14.8	15.3	15.6	5.4	10.1	81.2	70.3	1,358	198	603	1,286
N.J	32.1	33.0	[4] 33.1	[4] 19.6	[4] 13.5	[4] 95.6	[4] 88.1	2,000	311	5,204	1,933
N.Mex	67.3	70.6	72.0	5.5	66.5	98.3	71.4	5,215	960	672	3,302
N.Y	105.8	108.6	109.0	44.0	65.0	95.2	82.9	9,824	1,256	8,376	6,417
N.C	86.0	90.8	91.9	16.1	75.9	90.9	-	5,506	734	1,626	10,560
N.Dak	106.9	106.0	107.1	4.0	103.2	66.4	92.2	6,179	571	326	10,374
Ohio	108.9	110.6	111.2	24.5	86.7	98.4	80.0	8,101	1,482	7,442	11,807
Okla	107.9	109.4	109.7	16.2	93.5	76.1	87.5	6,319	803	2,160	8,175
Oreg	95.1	104.5	112.2	8.5	103.8	63.8	33.1	5,655	701	1,801	7,673
Pa	115.2	115.2	118.5	34.0	84.5	86.6	51.4	11,630	1,500	6,709	8,031
R.I	5.3	5.5	[4] 5.8	[4] 3.6	[4] 2.2	[4] 95.2	[4] 72.7	528	75	831	161
S.C	59.7	60.9	61.6	7.4	54.2	69.6	36.9	6,542	697	965	8,927
S.Dak	84.2	82.3	82.5	3.2	79.3	76.1	86.8	6,548	626	380	10,923
Tenn	78.7	81.3	82.1	12.7	69.3	97.8	86.4	7,403	1,009	2,241	9,647
Tex	245.5	255.9	262.1	63.0	199.2	71.3	68.1	20,174	2,954	7,227	33,031
Utah	40.4	48.9	49.0	5.2	43.8	41.9	49.3	3,516	752	750	2,681
Vt	14.5	13.9	[4] 14.0	[4] 1.6	[4] 12.4	[4] 93.0	[4] 77.4	1,467	310	220	1,982
Va	61.1	62.8	64.8	10.5	54.2	96.4	1.7	6,615	918	3,040	10,462
Wash	75.1	84.3	83.9	10.6	73.3	[4] 80.2	55.7	6,005	653	4,049	7,187
W.Va	35.5	37.0	37.5	3.7	33.8	74.0	-	2,939	465	781	6,378
Wis	103.2	105.2	106.2	16.2	90.0	94.5	88.9	9,662	522	2,733	11,938
Wyo	40.6	32.6	34.5	1.5	33.0	57.0	71.8	3,851	868	317	2,235

- Represents zero. X Not applicable. [1] Covers soil-surfaced roads and roads with slag, gravel, stone, bituminous, or concrete surfaces. [2] Highway mileage open to traffic. [3] 1976 data. [4] 1977 data.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1105. Designated Federal-Aid Projects—Total, 1960 to 1978, and by States and Puerto Rico, 1978

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Projects comprise those financed from the Federal-aid primary, secondary, urban, rural, TOPICS (urban traffic operations program to increase capacity and safety), and interstate funds. See text, pp. 635 and 636. Cost data represent cumulative costs for projects completed during year shown and for projects still under construction at end of year shown. See also *Historical Statistics, Colonial Times to 1970*, series Q 65–68]

YEAR AND STATE	COMPLETED DURING YEAR			UNDER CONSTRUCTION		
	Miles	Cost		Miles	Cost	
		Total [1] (mil. dol.)	Percent Federal		Total [1] (mil. dol.)	Percent Federal
1960	28,830	3,652	68.6	25,538	7,080	73.2
1965	18,783	4,563	74.3	25,883	12,228	78.4
1970	10,935	4,355	75.0	20,831	14,547	77.4
1974	8,081	4,433	75.1	14,186	17,900	77.9
1975	7,161	4,218	76.1	15,952	20,104	79.3
1976	8,381	5,140	77.0	17,156	20,753	80.4
1977	9,358	5,818	78.5	19,411	21,742	80.7
1978, total	**9,503**	**5,296**	**79.3**	**21,116**	**23,250**	**80.8**
U.S	**9,488**	**5,287**	**79.3**	**21,075**	**23,165**	**80.9**
Ala	62	138	84.8	467	650	78.0
Alaska	184	43	95.3	336	200	95.0
Ariz	135	139	89.2	401	337	92.3
Ark	74	42	78.6	176	185	77.3
Calif	522	118	82.2	2,207	1,832	85.6
Colo	176	79	83.5	115	299	86.0
Conn	5	19	84.2	267	377	83.8
Del	11	20	85.0	21	58	75.9
D.C	7	28	89.3	12	154	75.3
Fla	430	208	74.0	667	889	79.9
Ga	466	99	77.8	2,747	833	80.0
Hawaii	12	19	73.7	17	283	80.2
Idaho	172	100	87.0	137	80	87.5
Ill	450	286	80.1	421	522	77.8
Ind	63	99	74.7	138	203	73.9
Iowa	492	91	73.6	533	247	78.9
Kans	193	66	75.8	488	293	79.9
Ky	27	63	71.4	162	456	77.9
La	45	140	83.6	171	725	80.3
Maine	64	22	81.8	156	105	81.9
Md	119	25	72.0	406	959	82.5
Mass	75	190	80.0	98	543	82.0
Mich	427	199	76.4	702	632	79.7
Minn	375	111	79.3	533	469	82.1
Miss	63	36	77.8	405	327	77.1
Mo	75	100	75.0	431	510	78.2
Mont	312	99	85.9	474	239	81.6
Nebr	352	54	75.9	432	98	72.4
Nev	98	37	91.9	130	177	93.2
N.H	24	24	87.5	95	71	77.5
N.J	39	70	75.7	139	709	77.3
N. Mex	40	30	83.3	191	226	87.6
N.Y	228	275	72.4	510	1,207	79.5
N.C	121	142	83.8	419	614	77.0
N. Dak	423	46	76.1	913	120	75.8
Ohio	312	265	74.3	454	857	78.6
Okla	157	69	69.6	225	276	79.7
Oreg	154	86	90.7	111	254	89.4
Pa	224	180	63.3	520	2,040	76.0
R.I	25	27	59.3	58	83	74.7
S.C	280	65	81.5	317	221	79.6
S. Dak	219	29	79.3	475	86	77.9
Tenn	267	299	79.9	374	242	76.9
Tex	412	280	77.1	820	940	80.1
Utah	166	81	92.6	198	250	91.6
Vt	123	35	88.6	128	41	78.0
Va	165	324	84.6	287	713	83.5
Wash	200	88	81.8	464	510	88.2
W. Va	20	107	85.0	81	643	86.0
Wis	325	67	74.6	901	301	75.7
Wyo	78	28	85.7	145	79	88.6
P. Rico	15	9	44.4	41	85	65.9

[1] Excludes highway planning and research work (1978, total: Completed, $147 million total cost, $100 million Federal funds; underway, $323 million total cost, $230 million Federal funds).

Source: U.S. Federal Highway Administration, *Federal Aid and Allied Highway Programs*, annual, and *Highway Statistics*, annual.

No. 1106. Federal-Aid Payments to State and Local Governments for Highway Construction—States and Puerto Rico: 1970 to 1979

[**In millions of dollars.** For years ending **June 30** except, beginning **1978**, ending **Sept. 30**]

STATE	1970	1975	1978	1979
Total	**4,524**	**4,874**	**6,022**	**7,205**
Highway trust fund	4,336	4,583	5,749	6,762
Other	188	291	273	444
U.S	**4,520**	**4,860**	**6,004**	**7,179**
Ala	82	95	156	192
Alaska	40	80	109	78
Ariz	68	89	121	136
Ark	43	50	84	85
Calif	503	350	360	451
Colo	57	78	125	127
Conn	65	50	68	73
Del	10	13	21	26
D.C	32	13	19	11
Fla	69	166	246	263
Ga	64	115	151	277
Hawaii	33	43	40	56
Idaho	37	42	59	50
Ill	185	204	201	270
Ind	100	64	106	149
Iowa	63	88	115	133
Kans	50	68	71	99
Ky	96	98	100	194
La	110	113	166	125
Maine	21	23	29	56
Md	66	122	124	162
Mass	94	72	125	124
Mich	160	174	184	193
Minn	108	86	122	161
Miss	57	58	53	73
Mo	106	122	142	203
Mont	62	45	85	84
Nebr	38	58	53	56
Nev	35	26	64	67
N.H	21	26	33	37
N.J	110	97	91	135
N. Mex	55	60	81	85
N.Y	256	229	413	529
N.C	62	92	163	195
N. Dak	24	31	41	48
Ohio	243	208	199	259
Okla	56	57	70	81
Oreg	70	95	90	118
Pa	238	267	183	119
R.I	28	17	16	20
S.C	35	47	69	99
S. Dak	39	36	39	45
Tenn	102	125	119	149
Tex	227	224	326	333
Utah	71	54	55	67
Vt	28	25	26	24
Va	112	179	225	306
Wash	93	113	155	202
W. Va	116	190	118	124
Wis	42	47	127	155
Wyo	38	33	47	45
Undist	-	3	18	29
P. Rico	4	14	[1] 18	[1] 27

– Represents zero. [1] Includes $4 million in 1978 and $2 million in 1979 for other U.S. outlying areas.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

No. 1107. Disbursements of State Highway Funds—Total, 1975 to 1978, and by Purpose, 1978, by States

[**In millions of dollars.** Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1970*, series Q 90-94]

STATE	1975, total	1977, total	1978			STATE	1975, total	1977, total	1978		
			Total [1]	State highways					Total [1]	State highways	
				Capital outlays [2]	Maintenance [3]					Capital outlays [2]	Maintenance [3]
U.S	**21,131**	**21,440**	**23,880**	**10,016**	**4,038**	Mo	448	442	527	282	118
						Mont	123	168	155	86	18
Ala	364	426	489	263	49	Nebr	210	206	227	87	30
Alaska	254	244	227	101	60	Nev	85	112	118	68	18
Ariz	270	278	315	147	43	N.H	92	123	125	52	35
Ark	283	288	317	163	60						
						N.J	510	476	561	131	127
Calif	1,497	1,543	1,616	404	212	N. Mex	142	147	254	98	104
Colo	239	294	318	138	53	N.Y	1,129	1,103	1,582	775	227
Conn	351	293	328	104	56	N.C	541	612	662	323	153
Del	90	124	124	55	16	N. Dak	97	111	120	56	17
D.C	77	90	83	-	-	Ohio	877	903	976	302	132
Fla	781	759	866	452	97	Okla	290	313	347	127	56
Ga	487	479	595	310	74	Oreg	318	290	325	96	54
Hawaii	105	109	105	57	13	Pa	1,485	1,358	1,247	294	399
Idaho	119	153	144	57	26	R.I	52	51	58	16	17
Ill	1,189	1,046	1,130	448	135	S.C	255	293	277	144	63
Ind	529	466	528	156	109	S. Dak	98	109	119	47	27
Iowa	409	415	469	195	51	Tenn	467	436	486	232	51
Kans	262	278	334	142	57	Tex	984	892	1,112	707	207
Ky	515	558	670	357	106	Utah	125	143	146	74	23
La	545	495	549	335	66	Vt	76	81	82	27	18
Maine	117	135	154	66	50	Va	574	705	843	463	233
Md	443	466	465	109	54	Wash	417	471	554	226	98
Mass	415	470	358	103	33	W. Va	417	445	523	258	136
Mich	794	857	834	243	87	Wis	371	379	413	148	54
Minn	358	441	532	263	67	Wyo	116	107	130	83	19
Miss	339	317	361	146	30						

- Represents zero. [1] Includes funds for administration and miscellaneous, highway law enforcement, bond interest, bond redemption, and for county and local roads and streets. [2] Outlays for roads and bridges. [3] Includes traffic services.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1108. Highway Construction—Contracts Awarded: 1960 to 1979

[**In millions of dollars.** Covers contracts awarded and force-account work authorized by State agencies for highways, including Federal-State, Federal-State-Local, and State-Local cooperative work, and a small amount by the Federal government for National Park and Forest roads, etc. Work on local roads and streets is included only when contracted or performed by the State or when Federal funds are involved]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**4,039**	**4,825**	**6,506**	**6,462**	**7,154**	**7,187**	**6,037**	**7,542**	**8,904**	**10,778**
Federally aided contracts	3,174	3,921	4,915	4,598	5,257	5,967	5,030	6,169	6,861	8,667
Federal funds	2,292	3,001	3,657	3,379	4,222	4,824	4,004	4,968	5,504	7,122
Non-Federally aided contracts	865	904	1,592	1,864	1,897	1,220	1,007	1,373	2,043	2,111
Toll facilities	226	49	49	146	13	11	35	21	13	84

Source: U.S. Federal Highway Administration, *Monthly Highway Construction Contracts*.

No. 1109. Motor-Vehicle Travel, by Type of Vehicle, and Speed: 1960 to 1978

[**Travel in billions of vehicle-miles, except as indicated.** Travel estimates based on automatic traffic recorder data. Urban travel includes all travel in municipalities and urbanized areas. All other travel is classed as rural. Speed trend data for 1960–1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all States have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring Program. Minus sign (–) denotes decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 199–207]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total travel	**719**	**888**	**1,121**	**1,268**	**1,309**	**1,286**	**1,330**	**1,412**	**1,477**	**1,548**
Avg. annual percent change	[1] 3.6	4.3	4.8	6.4	3.2	– 1.8	3.5	6.2	4.6	4.8
Passenger cars [2]	588	712	901	1,004	1,037	1,013	1,051	1,098	1,141	1,194
Rural	303	333	406	436	444	427	441	462	475	501
Urban	285	378	495	568	592	586	610	637	666	694
Buses	4.4	4.8	5.0	5.1	5.0	5.1	5.1	5.8	5.9	6.1
Rural	2.3	2.6	2.8	3.0	2.9	3.0	3.0	3.2	3.2	3.2
Urban	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.6	2.7	2.9
Trucks and combinations	126	171	215	260	267	268	275	308	330	348
Rural	82	103	134	151	154	153	157	163	176	186
Urban	45	69	81	108	113	114	118	145	153	162
Average miles per vehicle (1,000):										
Passenger vehicles	9.5	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8
Passenger cars [2]	9.4	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8
Buses	16.0	15.2	13.3	12.6	11.7	11.3	11.1	12.0	12.0	12.1
Trucks	10.6	11.6	11.5	12.2	11.5	10.9	10.6	11.1	11.1	11.0
Motor vehicle speed (1,000): [3]										
Vehicles recorded	(NA)	(NA)	200	160	181	203	102	515	500	468
Avg. speed, all vehicles (miles per hr)	54.8	60.6	63.8	64.9	65.0	57.6	57.6	58.2	58.8	58.8
Percent of vehicles exceeding—										
55 m.p.h	47	72	87	89	89	65	68	69	74	74
60 m.p.h	24	51	69	71	72	29	27	32	35	36
65 m.p.h	(NA)	(NA)	44	49	50	9	7	10	10	10

NA Not available. [1] Change from 1955. [2] Includes taxicabs and motorcycles. [3] Based on free flow speed of vehicles recorded on level, straight sections of rural interstate highways during off-peak hours. Beginning 1976, for year ending Sept. 30.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and unpublished data.

No. 1110. Motor Vehicle Accidents—Number and Deaths: 1960 to 1979

[1979 data preliminary. See also *Historical Statistics, Colonial Times to 1970*, series Q 208 and Q 224–232]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Motor-vehicle accidents [1]	Mil	10.4	13.2	16.0	16.6	15.6	16.5	16.8	17.6	18.3	(NA)
Cars	Mil	16.0	20.3	23.5	23.3	20.6	22.5	23.1	23.9	24.6	(NA)
Trucks	Mil	2.0	2.6	3.2	3.7	3.4	3.8	4.1	4.7	5.5	(NA)
Motorcycles	1,000	100	235	305	378	376	372	402	460	480	(NA)
Motor vehicle deaths within 1 yr. [2]	1,000	38.1	49.2	54.6	55.5	46.4	45.9	47.0	49.5	51.5	51.9
Noncollision accidents [3]	1,000	11.9	14.9	15.4	15.6	12.8	12.7	13.0	13.7	13.6	14.1
Collision accidents:											
With other motor vehicles	1,000	14.8	20.8	23.2	23.6	19.7	19.5	20.1	21.2	22.9	23.9
With pedestrians	1,000	7.9	8.9	9.9	10.2	8.5	8.4	8.6	9.1	9.3	9.5
With fixed objects [3]	1,000	1.7	2.2	3.8	3.8	3.1	3.1	3.2	3.4	3.5	3.3
Deaths within 30 days [4]	1,000	36.4	47.1	52.6	54.1	45.2	44.5	45.5	47.9	50.3	51.1
Vehicle occupants	1,000	27.9	36.8	40.6	40.8	33.3	32.7	33.8	35.0	37.0	37.0
Pedestrians	1,000	7.2	8.0	8.9	8.9	7.5	7.5	7.4	7.7	7.8	8.1
Motorcyclists [5]	1,000	.8	1.6	2.3	3.2	3.4	3.2	3.3	4.1	4.6	4.9
Bicyclists	1,000	.5	.7	.8	1.1	1.0	1.0	.9	.9	.9	.9
Traffic death rates: [4] [6]											
Per 100,000 resident population	Rate	20.2	24.3	25.8	25.8	21.4	20.9	21.2	22.1	23.1	23.2
Per 100,000 registered vehicles	Rate	48.9	51.3	47.3	41.6	33.5	32.3	31.7	32.5	32.8	32.0
Per 100 million vehicle miles	Rate	5.1	5.3	4.7	4.1	3.5	3.4	3.3	3.3	3.3	3.3
Per 100,000 licensed drivers	Rate	41.7	47.8	47.2	44.5	36.0	34.3	34.0	34.7	35.7	35.7
Motor vehicle accidents [7]	Mil	11.4	14.7	22.1	25.6	23.7	24.9	25.4	26.7	27.7	26.7
Injuries [7]	1,000	3,078	3,982	4,983	5,192	4,634	4,978	5,269	5,575	5,798	5,681
Economic loss [7] [8]	Bil. dol	10.2	14.2	23.5	30.4	30.4	36.1	40.9	46.5	52.6	56.4

NA Not available. [1] Covers only accidents occurring on the road. [2] Deaths that occur within one year of accident. Includes collision categories not shown separately. [3] Beginning 1970, not comparable with previous years due to classification change. [4] Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System Annual Report*. [5] Includes motor scooters and motorized bicycles (mopeds). [6] Based on 30-day definition of traffic deaths. [7] Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*. Estimates based on official reports from a representative cross-section of States. Includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability. [8] Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage.

Source: Except as noted, National Safety Council, Chicago, Ill., *Accident Facts*, annual. (Copyright.)

No. 1111. Estimated Licensed Drivers and Drivers Involved in Fatal Accidents, by Age-Group of Driver: 1979

ITEM	Unit	Total	Under 20 years old	20-24 years old	25-34 years old	35-44 years old	45-54 years old	55-64 years old	65 years old and over
Licensed drivers	1,000	143,092	12,019	19,173	34,629	24,040	20,892	17,743	14,596
Percent distribution	Percent	100.0	8.4	13.4	24.2	16.8	14.6	12.4	10.2
Drivers involved in fatal accidents	1,000	63.8	10.8	13.8	16.5	8.5	5.9	4.4	3.9
Percent distribution	Percent	100.0	16.9	21.6	25.9	13.3	9.3	6.9	6.1

Source: U.S. Federal Highway Administration, *Drivers Licenses*, annual, and U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System Annual Report*.

No. 1112. Deaths From Motor-Vehicle Accidents—by States: 1970 to 1978

[Data differ from table 1110 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Deaths classified according to the Eighth Revision of the International Classification of Diseases, adapted for use in the United States. Data based on Vital Registration System, see Appendix III]

STATE	1970	1974	1975	1976	1977	1978	STATE	1970	1974	1975	1976	1977	1978
U.S.	**54,845**	**46,629**	**46,032**	**47,268**	**49,740**	**52,653**	Mo	1,479	1,066	1,105	1,239	1,235	1,271
							Mont	340	301	294	307	321	278
Ala	1,297	1,118	1,087	1,139	1,225	1,295	Nebr	435	392	385	400	359	357
Alaska	107	74	120	133	127	119	Nev	278	235	236	240	290	332
Ariz	782	765	713	777	969	1,044	N.H	182	170	155	150	150	166
Ark	595	525	577	525	540	585	N.J	1,289	1,101	1,099	1,035	1,089	1,148
Calif	5,114	4,204	4,414	4,670	5,127	5,680	N. Mex	568	558	556	557	648	678
Colo	697	654	621	658	738	735	N.Y	3,117	2,483	2,277	2,233	2,351	2,549
Conn	448	400	404	413	455	460	N.C	1,801	1,605	1,560	1,582	1,477	1,568
Del	158	132	129	135	122	140							
D.C	140	91	91	81	86	68	N. Dak	194	168	183	208	199	205
Fla	2,181	2,280	2,067	2,021	2,104	2,332	Ohio	2,488	1,786	1,652	1,848	1,795	2,021
Ga	1,825	1,598	1,420	1,301	1,484	1,548	Okla	787	742	748	858	887	948
Hawaii	163	138	153	157	164	214	Oreg	739	693	582	664	696	754
							Pa	2,349	2,157	2,102	2,061	2,035	2,119
Idaho	320	326	291	290	341	331	R.I	143	120	140	136	155	131
Ill	2,267	1,700	1,816	2,027	2,151	2,172	S.C	1,070	895	837	834	962	919
Ind	1,587	1,253	1,139	1,273	1,268	1,312	S. Dak	240	249	216	238	225	204
Iowa	946	722	714	812	643	661	Tenn	1,525	1,383	1,280	1,280	1,351	1,387
Kans	684	530	531	563	576	580							
Ky	1,081	812	885	900	979	908	Tex	3,570	3,127	3,472	3,240	3,638	3,976
La	1,194	855	993	1,007	1,110	1,185	Utah	354	263	285	282	377	403
Maine	288	225	235	234	216	246	Vt	116	110	124	95	108	110
Md	809	756	686	682	699	752	Va	1,251	1,095	1,069	1,062	1,182	1,109
Mass	918	978	895	827	790	918	Wash	902	808	804	862	981	1,052
Mich	2,172	1,863	1,811	1,955	1,962	2,083	W. Va	561	463	499	518	527	507
Minn	1,028	858	798	832	864	993	Wis	1,109	908	943	951	958	981
Miss	947	694	629	719	750	875	Wyo	210	200	210	257	254	249

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

No. 1113. Automobile Insurance: 1960 to 1979

[In millions of dollars, except as indicated. 1960 and 1965, direct premiums earned and direct losses incurred; 1970-1979, premiums earned basis. See also *Historical Statistics, Colonial Times to 1970*, series Q 163-174]

ITEM	1960	1965	1970	1975	1976	1977	1978		1979	
							Private passenger	Commercial	Private passenger	Commercial
Companies reporting	(NA)	(NA)	925	1,275	1,315	1,363	1,381		1,399	
Total insurance:										
Premiums earned	6,448	8,358	14,612	23,860	23,970	29,074	29,087	3,306	31,353	4,013
Losses paid[1]	3,645	5,221	11,198	19,657	18,541	20,264	20,426	2,329	23,204	2,926
Percent of premiums	56.5	62.5	76.6	82.4	77.4	69.7	70.2	70.4	74.0	72.9
Bodily injury liability:[2]										
Premiums earned	4,060	5,515	9,559	15,150	15,087	18,130	17,888	2,109	19,054	2,490
Losses paid[1]	2,372	3,484	7,547	12,277	11,599	13,063	12,686	1,566	14,110	1,906
Percent of premiums	58.4	63.2	79.0	81.0	76.9	72.1	70.9	74.2	74.1	76.5
Physical damage:[3]										
Premiums earned	2,388	2,843	5,053	8,710	8,883	10,944	11,199	1,197	12,299	1,523
Losses paid[1]	1,273	1,737	3,651	7,380	6,941	7,201	7,740	763	9,094	1,020
Percent of premiums	53.3	61.1	72.3	84.7	78.1	65.8	69.1	63.8	73.9	67.0

NA Not available. [1] Beginning 1970, includes adjusting expenses. [2] Includes property damage. [3] Covers auto fire, theft, collision, and comprehensive.

Source: 1960 and 1965, The Spectator, Philadelphia, Pa., *Insurance by States;* thereafter, the National Underwriter Co., Cincinnati, Ohio, *Argus F. C. & S. Chart*, annual (copyright).

No. 1114. Motor Vehicles—Registrations and Factory Sales: 1950 to 1979

[Minus sign (−) denotes decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series Q 148–155]

Year	Registrations [1] (mil.)			Motorcycle registrations [1] (1,000)	Factory sales					Average annual percent change	
					Number (1,000)			Wholesale value [2]			
	Total cars, trucks, buses	Passenger cars and taxis	Trucks and buses		Total cars, trucks, buses	Passenger cars	Trucks and buses [2]	Passenger cars (mil. dol.)	Trucks and buses [3] (mil. dol.)	Registrations [4]	Factory sales [4]
1950	49.2	40.4	8.8	454	8,003	6,666	1,337	8,468	1,708	[5] 7.4	[5] 21.0
1955	62.7	52.1	10.6	412	9,169	7,920	1,249	12,453	2,021	5.0	2.8
1960	73.9	61.7	12.2	574	7,869	6,675	1,194	12,164	2,361	3.3	−3.0
1965	90.4	75.3	15.1	1,382	11,057	9,306	1,752	18,380	3,734	4.1	7.0
1967	96.9	80.4	16.5	1,953	8,976	7,437	1,539	16,653	3,592	3.5	−9.9
1968	100.9	83.6	17.3	2,089	10,718	8,822	1,896	19,352	4,670	4.1	10.4
1969	105.1	86.9	18.2	2,316	10,147	8,224	1,923	18,751	4,937	4.2	−5.3
1970	108.4	89.2	19.2	2,824	8,239	6,547	1,692	14,630	4,820	3.2	−18.8
1971	113.0	92.7	20.3	3,344	10,638	8,585	2,053	21,410	5,964	4.2	29.1
1972	118.8	97.1	21.7	3,760	11,271	8,824	2,447	23,133	7,654	5.1	6.0
1973	125.7	102.0	23.7	4,371	12,637	9,658	2,980	26,240	9,544	5.8	12.1
1974	129.9	104.8	25.1	4,966	10,059	7,331	2,727	21,653	10,163	3.4	−20.4
1975	132.9	106.7	26.2	4,964	8,985	6,713	2,272	23,400	9,900	2.3	−10.7
1976	138.5	110.4	28.2	4,989	11,480	8,500	2,979	(NA)	(NA)	4.2	27.8
1977	142.4	112.3	30.1	4,879	12,642	9,201	3,441	(NA)	(NA)	2.8	10.1
1978	148.8	116.6	32.2	4,859	12,671	9,165	3,706	(NA)	(NA)	4.5	1.8
1979	[6] 154.4	[6] 120.5	[6] 33.9	[6] 4,984	11,456	8,419	3,037	(NA)	(NA)	3.8	−11.0

NA Not available. [1] Excludes Alaska and Hawaii prior to 1960. Includes publicly owned vehicles. Excludes military services' vehicles. [2] Includes standard equipment. [3] A substantial part of trucks and buses reported comprises chassis without body; hence, excludes value of bodies for these chassis. [4] Excludes motorcycles. [5] Change from 1945. [6] Estimate.

Source: Registrations—U.S. Federal Highway Administration, *Highway Statistics*, annual; sales—Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual.

No. 1115. Motor Vehicles—Establishments, Sales, Payroll, and Employment for Selected Kinds of Business: 1972 and 1977

Kind of business	Establishments [1] (1,000)		Sales or receipts [2] (mil. dol.)		Annual payroll [3] (mil. dol.)		Paid employees [4] (1,000)	
	1972	1977	1972	1977	1972	1977	1972	1977
RETAIL TRADE								
Automotive dealers	**121.4**	**139.0**	**90,030**	**149,952**	**8,622**	**13,304**	**1,035.4**	**1,114.7**
Motor vehicle dealers	64.2	67.8	77,833	128,828	7,099	10,654	805.1	832.7
Auto and home supply stores	37.5	47.0	7,543	12,861	1,103	1,928	167.7	205.5
Misc. automotive dealers	19.6	24.2	4,654	8,263	420	722	62.6	76.5
Gasoline service stations	**226.5**	**176.5**	**33,655**	**56,468**	**2,974**	**3,830**	**747.7**	**672.7**
WHOLESALE TRADE								
Motor vehicles and auto equipment	**36.5**	**38.9**	**83,015**	**147,112**	**3,414**	**5,148**	**391.8**	**423.2**
Automobiles and other motor vehicles	5.6	6.2	57,755	107,784	1,008	1,567	102.3	114.3
Automotive equipment	27.0	28.8	19,930	31,616	2,009	3,024	246.1	266.2
Tires and tubes	3.9	3.9	5,330	7,713	397	557	43.4	42.7
SERVICES								
Auto repairs, services, and garages	**169.0**	**200.2**	**12,081**	**21,576**	**2,553**	**4,456**	**392.5**	**483.2**
Automobile repair shops	127.2	154.2	7,045	12,770	1,699	3,090	237.9	316.3
Automobile parking	10.5	8.9	725	1,008	175	211	37.3	33.9
Car, truck rental and leasing; other services	31.3	37.1	4,311	7,798	679	1,155	117.3	133.0
MANUFACTURING [5]								
Motor vehicles and equipment	**3.4**	**4.2**	**22,057**	**36,880**	**9,462**	**15,996**	**807.4**	**873.0**
Motor vehicles	.2	.3	11,783	18,672	4,300	7,059	339.2	342.6
Motor vehicle parts and accessories	2.1	2.6	9,165	16,265	4,602	8,015	400.9	451.3
Truck and bus bodies	.8	.8	660	956	354	432	42.6	35.0
Motor homes		.1		350		171		16.2
Truck trailers	.3	.4	449	637	206	319	24.7	27.9

[1] As of Dec. 31; for wholesale trade and manufacturing, represents only establishments employing one or more workers at any time during year. [2] For retail trade, 1972 data include and 1977 data exclude sales taxes and carrying charges. For manufacturing, data represent value added in manufacturing. [3] Comprises salaries, wages, commissions, bonuses, vacation pay, and other remuneration. [4] Pay period including Mar. 12, except quarterly average for manufacturing. [5] 1977 are preliminary.

Source: U.S. Bureau of the Census, *Census of Retail Trade: 1972*, vol. I and *1977*, RC 77-A-52; *Census of Wholesale Trade, 1972*, vol. I and *1977* WC 77-A-52; *Census of Selected Service Industries: 1972*, vol. I and *Census of Service Industries: 1977* SC 77-A-52; and *Census of Manufacturers: 1972*, series MC 72(2) and *1977*, series MC-77-1, 37A.

NO. 1116. MOTOR-VEHICLE REGISTRATIONS, 1960 TO 1979, AND DRIVERS LICENSES, 1978, BY STATES

[**In thousands, except percent.** Motor-vehicle registrations cover publicly, privately, and commercially owned vehicles; for uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations]

STATE	AUTOMOBILES, TRUCKS, AND BUSES [1]									Motor-cycles (incl. official) [1] 1979, est.	DRIVERS LICENSES, 1978		
	1960, total	1965, total	1970, total	1975, total	1978, total	1979, est.		Percent change [2]				Percent—	
						Total	Automobiles (incl. cabs)	1960–1970, total	1970–1979, total		Total [3]	Male	Under 25 yr. old
U.S	**73,858**	**90,358**	**108,418**	**132,949**	**148,778**	**154,412**	**120,485**	**46.8**	**42.4**	**4,984**	**140,844**	**53.7**	**21.9**
Ala	1,282	1,663	1,966	2,493	2,776	2,863	2,105	53.4	45.6	70	2,160	53.2	22.3
Alaska	81	109	139	226	262	268	168	71.6	92.8	11	221	58.4	23.5
Ariz	624	825	1,093	1,459	1,665	1,776	1,261	75.2	62.5	72	1,613	55.4	23.2
Ark	708	914	1,043	1,283	1,459	1,502	999	47.3	44.0	31	1,367	53.5	21.6
Calif	7,799	9,989	11,901	13,891	15,577	15,973	12,343	52.6	34.2	662	15,020	53.2	21.3
Colo	924	1,158	1,442	1,925	2,534	2,694	2,021	56.1	86.8	124	1,996	52.3	23.9
Conn	1,107	1,415	1,733	1,949	2,181	2,229	2,051	56.5	28.6	78	2,061	49.5	20.5
Del	192	244	312	351	386	396	322	62.5	26.9	9	403	51.6	22.9
D.C	206	236	257	255	240	229	212	24.8	−10.9	4	349	55.0	16.4
Fla	2,367	3,037	4,120	5,395	6,916	7,191	5,939	74.1	74.5	153	6,868	54.1	19.9
Ga	1,512	1,990	2,584	3,211	3,655	3,789	2,975	70.9	46.6	107	3,214	52.6	22.7
Hawaii	231	310	405	462	534	548	460	75.3	35.3	6	534	55.8	21.3
Idaho	375	434	488	647	763	796	485	30.1	63.1	50	588	53.1	26.9
Ill	3,776	4,437	5,238	6,344	7,093	7,353	6,080	38.7	40.4	257	6,854	53.6	22.8
Ind	2,046	2,427	2,818	3,315	3,739	3,878	2,910	37.7	37.6	159	3,530	52.2	22.5
Iowa	1,325	1,549	1,790	2,099	2,327	2,425	1,786	35.1	35.5	184	2,021	53.0	23.3
Kans	1,163	1,369	1,548	1,805	1,935	1,978	1,377	33.1	27.8	84	1,778	52.1	23.2
Ky	1,198	1,500	1,763	2,245	2,544	2,648	1,834	47.2	50.2	62	2,038	54.8	23.5
La	1,177	1,442	1,742	2,188	2,565	2,678	1,899	48.0	53.7	76	2,259	53.7	26.2
Maine	374	424	510	648	708	726	544	36.4	42.4	40	683	53.0	20.6
Md	1,155	1,481	1,872	2,423	2,699	2,789	2,331	62.1	49.0	74	2,550	52.7	21.4
Mass	1,803	2,104	2,575	3,107	3,636	3,744	3,295	42.8	45.4	85	3,726	50.8	20.7
Mich	3,306	3,991	4,569	5,545	6,245	6,488	5,300	38.2	42.0	256	6,250	52.7	25.5
Minn	1,592	1,890	2,207	2,525	2,683	2,754	2,012	38.6	24.8	138	2,235	52.6	22.6
Miss	723	921	1,117	1,377	1,574	1,648	1,178	54.5	47.5	30	1,588	55.5	25.2
Mo	1,720	2,085	2,408	2,866	3,158	3,238	2,406	40.1	34.5	86	3,164	52.6	23.2
Mont	373	429	485	611	826	902	563	30.0	86.0	61	580	55.7	22.3
Nebr	734	849	974	1,165	1,222	1,242	858	32.7	27.5	51	1,061	52.3	24.6
Nev	175	266	355	464	590	631	465	102.9	77.7	22	527	53.5	22.6
N.H	256	331	390	485	650	682	583	52.3	74.9	47	613	52.9	21.5
N.J	2,401	2,980	3,586	4,155	4,555	4,762	4,284	49.4	32.8	90	4,497	50.9	20.0
N. Mex	426	525	637	827	989	1,048	661	49.5	64.5	46	803	51.3	28.2
N.Y	5,067	5,939	6,718	7,591	7,867	8,350	7,335	32.6	24.3	156	9,126	56.2	18.2
N.C	1,720	2,156	2,826	3,690	4,296	4,489	3,386	64.3	58.8	95	3,599	52.4	23.8
N. Dak	345	396	428	551	599	617	360	24.1	44.2	28	403	53.1	26.2
Ohio	4,087	4,935	5,974	7,179	7,912	8,141	6,441	46.2	36.3	236	8,179	60.4	19.7
Okla	1,184	1,438	1,713	2,113	2,436	2,542	1,715	44.7	48.4	119	1,874	51.2	23.8
Oreg	919	1,119	1,369	1,628	1,921	1,996	1,486	49.0	45.8	75	1,827	54.0	21.4
Pa	4,287	4,968	5,818	7,659	6,712	6,898	5,793	35.7	18.6	185	7,071	55.7	19.9
R.I	341	406	488	563	655	674	590	43.1	38.1	26	581	52.5	19.0
S.C	879	1,094	1,360	1,772	1,924	1,984	1,541	54.7	45.9	35	1,814	53.0	23.4
S. Dak	354	398	426	521	581	599	369	20.3	40.6	27	470	52.8	26.6
Tenn	1,307	1,655	2,050	2,727	2,911	3,021	2,401	56.8	47.4	81	2,694	52.7	19.7
Tex	4,457	5,610	6,693	8,396	10,152	10,681	7,720	50.2	59.6	218	8,569	52.7	22.9
Utah	417	525	664	845	962	1,004	684	59.2	51.2	56	773	51.9	26.1
Vt	152	175	229	287	361	377	305	50.7	64.6	20	328	52.7	21.0
Va	1,426	1,800	2,263	3,251	3,439	3,516	2,996	58.7	55.4	73	3,259	50.9	22.7
Wash	1,377	1,659	2,102	2,540	2,960	3,113	2,254	52.7	48.1	110	2,485	53.2	21.3
W. Va	601	696	801	966	1,172	1,208	863	33.3	50.8	48	1,423	57.2	21.9
Wis	1,600	1,839	2,182	2,591	2,828	2,898	2,284	36.4	32.8	152	2,899	52.9	23.6
Wyo	207	225	247	337	406	436	255	19.3	76.5	19	319	54.2	26.6

[1] Excludes vehicles owned by military services. [2] Minus sign (−) denotes decrease. [3] Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Drivers Licenses*, annual.

No. 1117. Motor Vehicles—Summary Statistics: 1965 to 1979

ITEM	1965	1970	1974	1975	1976	1977	1978	1979
SALES, EXPORTS, IMPORTS, AND SCRAPPAGE								
Passenger car factory sales (1,000)	9,306	6,547	7,331	6,713	8,500	9,201	9,165	8,419
Passenger car (new), retail sales [1] (1,000)	9,332	8,405	8,867	8,640	10,110	11,185	11,312	10,671
Domestic [2] (1,000)	8,763	7,116	7,449	7,050	8,607	9,104	9,308	8,328
Subcompact [3]	(NA)	1,338	786	700	632	953	1,191	1,671
Compact [3]	(NA)		1,781	2,336	2,804	2,364	2,391	2,130
Standard [3]	(NA)	5,778	3,062	1,956	2,394	2,769	2,647	2,134
Intermediate [3]	(NA)		1,819	2,058	2,778	3,018	3,079	2,393
Imports [4] (1,000)	569	1,285	1,413	1,587	1,498	2,076	2,000	2,330
Passenger cars (new), exported [5] (1,000)	106	265	601	640	680	697	706	793
Passenger cars (new), imported [6] (1,000)	559	2,013	2,573	2,075	2,537	2,791	3,025	3,006
Canada (1,000)	29	693	818	734	826	850	833	677
Germany, Federal Republic of (1,000)	377	675	620	370	350	424	416	496
Japan (1,000)	26	381	792	696	1,129	1,342	1,563	1,617
Truck and bus factory sales (1,000)	1,752	1,692	2,727	2,272	2,979	3,441	3,706	3,037
Truck and bus retail sales [7] (1,000)	1,539	1,746	2,587	2,351	3,044	3,486	3,914	3,236
Light duty (up to 14,000 GVW [8] (1,000)	(NA)	(NA)	2,184	2,076	2,763	3,145	3,547	2,861
Med. duty (14,001–26,000 GVW) [8] (1,000)	(NA)	(NA)	224	169	162	172	164	152
Heavy duty (over 26,000 GVW [8] (1,000)	101	126	179	106	119	169	203	223
Imports, new passenger cars [1] (mil. dol.)	640	3,719	7,544	7,483	9,399	11,077	14,072	14,852
Trucks and buses, new [1] (mil. dol.)	33	381	646	620	834	1,258	2,146	1,841
Exports [1] (mil. dol.)	2,198	3,871	8,604	10,658	12,046	12,544	14,548	16,590
Passenger cars (new) [9] (mil. dol.)	393	822	2,303	2,852	3,228	3,568	3,623	4,642
Trucks and buses (new) [9] (mil. dol.)	328	636	1,422	2,305	2,141	2,098	2,752	3,147
Parts and accessories [10] (mil. dol.)	1,476	2,413	4,879	5,501	6,678	6,877	8,173	8,801
Vehicles retired from use [11 12] (1,000)	6,440	8,298	8,241	6,576	7,926	9,902	9,333	11,228
Passenger cars (1,000)	5,704	7,461	7,194	5,669	6,829	8,234	7,907	9,312
Trucks and buses (1,000)	736	837	1,047	908	1,097	1,668	1,426	1,916
Average age of cars in use (years)	5.90	5.55	5.72	5.99	6.16	6.23	6.32	6.41
Average age of trucks in use (years)	7.98	7.33	6.97	6.94	6.97	6.93	6.86	6.89
Motorcycle registrations, new [12 13] (1,000)	545	751	1,011	747	783	849	797	861
Motorcycle imports, total [14] (1,000)	(NA)	1,091	1,543	948	659	860	935	887
Value [15] (mil. dol.)	(NA)	308	911	713	467	588	797	873
Vehicle drivers licenses (mil.)	99	112	125	130	134	138	141	143
Percent male	59.2	56.8	54.7	54.3	54.1	53.9	53.7	53.5
Percent under 25 years old	20.5	22.1	22.5	22.6	22.4	22.1	21.9	21.8
TIRES AND BATTERIES SHIPMENTS								
Tires, passenger car, total [16] (mil.)	148.5	168.6	174.4	167.0	177.0	189.6	193.9	174.0
Replacement (mil.)	94.9	129.6	123.5	122.5	122.9	129.3	135.2	121.9
Tires, truck and bus, total [16] (mil.)	20.4	25.7	31.8	27.3	31.6	37.2	42.7	39.9
Replacement (mil.)	12.8	16.7	21.0	19.8	22.3	25.9	30.0	28.9
Replacement automobile batteries [17] (mil.)	29.5	37.9	43.8	39.3	49.2	54.6	56.4	53.7
SPECIAL MOTOR VEHICLE TAXES [18]								
Federal excise (bil. dol.)	5.7	6.8	5.8	5.6	6.0	6.5	7.0	(NA)
State motor vehicle carrier receipts (bil. dol.)	2.5	3.8	5.0	5.1	6.1	6.4	6.9	[19] 7.3
State motor fuel, net (bil. dol.)	4.5	6.5	8.1	8.4	8.9	9.3	9.7	[19] 9.8
MOTOR VEHICLE REGISTRATIONS								
All vehicles, [20] world (mil.)	178.0	246.5	315.9	326.1	341.7	362.6	380.0	(NA)
United States (mil.)	90.4	108.4	129.9	132.9	138.5	143.8	148.8	(NA)
Other North and Central America (mil.)	8.2	11.3	14.9	15.7	17.0	18.2	19.0	(NA)
South America (mil.)	5.1	8.1	12.2	13.0	13.0	15.0	16.7	(NA)
Europe, non-communist area (mil.)	50.1	74.3	95.8	96.6	103.0	110.6	111.0	(NA)
Europe, communist area (mil.)	6.4	10.4	14.3	16.6	15.0	16.0	22.5	(NA)
Africa (mil.)	3.4	4.5	6.2	6.6	6.9	7.3	7.6	(NA)
Asia, non-communist (mil.)	9.5	22.9	34.4	36.2	39.1	42.7	45.3	(NA)
Asia, communist area (mil.)	.2	.5	.7	.7	.7	.7	.7	(NA)
Oceania (mil.)	4.7	6.0	7.4	7.8	8.0	8.3	8.5	(NA)

NA Not available. [1] Based on data from U.S. Dept. of Commerce. [2] Includes domestic models produced in Canada. [3] Source: Board of Governors of the Federal Reserve System, unpublished data. Beginning 1970, total auto sales data from *Ward's Automotive Reports*. Criteria by which each year's car models are grouped into the major size categories vary among those collecting data. Data shown here follow *Automotive News* classifications. Beginning 1978 cars produced in U.S. by foreign manufacturer are included in subcompact. [4] Excludes domestic models produced in Canada. [5] 1965–1977, covers assembled vehicles only. Beginning 1978, includes chassis. [6] Includes other countries, not shown separately. [7] Excludes motorcoaches and imports from foreign manufacturers. Beginning 1974, includes imports made by U.S. manufacturers overseas. [8] Gross vehicle weight (fully loaded vehicle). [9] Covers assembled and unassembled vehicles. [10] Includes rubber tires and tubes and used vehicles. [11] For years ending June 30. Represents vehicles failing to re-register. [12] Source: R. L. Polk & Company, Detroit, Mich., *New Motorcycle Registrations by States;* vehicles retired from use published in source cited below. Reproduction prohibited without Polk permission. [13] Excludes Oklahoma. [14] Source: Motorcycle Industry Council, Inc., Newport Beach, Calif. Data from U.S. Dept. of Commerce. Excludes mopeds/motorized bicycles. [15] Dutiable value for customs purposes. [16] Includes original equipment. Also includes exports, not shown separately. Source: The Rubber Manufacturers Association, Inc., Washington, D.C., *Rubber Industry Facts*, annual. [17] Source: Battery Council International, Chicago, Ill. [18] Special taxes on motor-vehicle users. Excludes income and property taxes on establishments engaged in the production, sale, and repairing of motor vehicles and their parts; and on truck operating companies. Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Estimates of State Highway-User tax Receipts*, annual. [19] Estimated. [20] Cars, trucks, and buses. Source: 1965–1975, U.S. Bureau of Domestic Business Development, *World Motor Vehicle Production and Registration*, annual.

Source: Except as noted, Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual, and *World Motor Vehicle Data*, annual.

NO. 1118. AUTOMOBILE OUTPUT—PRODUCTION AND VALUE: 1965 TO 1979

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
New auto supply, total (mil. units)	9.9	8.6	11.3	12.3	9.6	9.0	10.8	12.1	12.0	11.3
Domestic output (mil. units)	9.3	6.5	8.8	9.7	7.3	6.7	8.5	9.2	9.2	8.4
Sales of imports (mil. units)	.6	2.0	2.5	2.6	2.2	2.3	2.3	2.9	2.8	2.9
Percent of total	6.0	23.7	21.8	21.4	23.4	25.6	21.5	24.0	23.6	25.6
VALUE IN CURRENT DOLLARS (bil.)										
Gross auto output	31.8	30.6	45.1	50.7	42.9	45.6	62.4	72.3	77.5	76.0
As percent of GNP[1]	4.6	3.1	3.9	3.9	3.0	3.0	3.7	3.8	3.6	3.2
Final sales	31.0	31.7	45.3	49.7	42.1	46.9	61.0	71.2	76.7	78.1
Personal consumption expenditures	25.3	27.8	39.4	42.9	36.3	40.2	53.2	61.7	68.0	69.2
New autos	21.4	22.1	32.1	34.5	27.5	30.0	39.4	46.2	50.3	51.3
Net purchases of used autos	3.9	5.7	7.3	8.4	8.8	10.2	13.8	15.5	17.7	17.9
Producers' durable equipment	5.1	4.9	7.6	8.5	7.9	7.8	9.7	12.5	14.2	13.3
New autos	6.6	7.5	10.3	11.9	11.6	12.7	15.6	19.1	22.1	22.5
Net purchases of used autos[2]	−1.5	−2.6	−2.8	−3.3	−3.8	−4.9	−5.9	−6.6	−7.9	−9.2
Net exports	.3	−1.4	−2.3	−2.2	−2.7	−1.6	−2.6	−3.6	−6.1	−5.0
Exports	.9	2.0	3.0	3.8	4.6	5.5	6.4	7.0	7.6	9.9
Imports	.7	3.4	5.3	6.0	7.3	7.1	8.9	10.7	13.7	14.9
Govt. purchases of goods and services	.4	.5	.6	.5	.6	.5	.6	.6	.6	.6
Change in business inventories[3]	.8	−1.2	−.1	1.0	.8	−1.4	1.4	1.1	.7	−2.1
Domestic output[4]	28.8	24.7	37.5	42.9	35.3	37.1	50.7	59.5	63.6	64.0
Sales of imports[5]	1.3	6.2	8.0	9.0	9.0	10.5	11.5	15.0	16.4	19.4
VALUE IN CONSTANT (1972) DOLLARS (bil.)										
Gross auto output	37.4	32.5	45.1	50.6	40.1	39.4	49.9	55.2	54.9	51.4
As percent of GNP[1]	4.0	3.0	3.9	3.9	3.3	3.3	3.9	4.1	3.9	3.6
Final sales	36.6	33.6	45.3	49.5	39.5	40.5	48.9	54.2	54.6	52.5
Personal consumption expenditures	30.2	29.7	39.4	42.1	33.2	33.3	40.6	44.4	45.4	43.3
New autos	23.5	22.9	32.1	34.6	26.1	26.1	32.3	35.9	36.3	34.4
Net purchases of used autos	6.7	6.9	7.3	7.5	7.2	7.1	8.3	8.5	9.1	8.9
Producers' durable equipment	5.7	5.0	7.6	8.7	7.6	7.3	8.9	10.8	11.2	9.9
New autos	7.3	7.8	10.3	11.9	11.0	11.1	12.8	14.8	15.9	15.1
Net purchases of used autos[2]	−1.6	−2.8	−2.8	−3.2	−3.4	−3.7	−3.9	−4.0	−4.7	−5.1
Net exports	.2	−1.6	−2.3	−1.8	−1.8	−.5	−1.0	−1.5	−2.4	−1.0
Exports	1.1	2.1	3.0	3.8	4.3	4.7	5.2	5.4	5.5	6.6
Imports	.9	3.7	5.3	5.6	6.2	5.3	6.3	6.9	7.8	7.6
Govt. purchases of goods and services	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4
Change in business inventories[3]	.9	−1.1	−.1	1.0	.6	−1.1	1.0	1.0	.3	−1.1
Domestic output[4]	31.8	25.6	37.5	42.9	33.3	32.3	41.5	46.3	46.0	42.9
Sales of imports[5]	1.4	6.4	8.0	9.1	8.5	9.1	9.4	11.7	11.8	13.0

[1] For definition of gross national product (GNP), see text, p. 435. [2] Minus sign (−) denotes greater sales than purchases of used autos. [3] New and used autos. Minus sign (−) denotes decline in business inventories. [4] Consists of final sales and change in business inventories of new autos produced in the U.S. [5] Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts for the United States, 1929–74*, and *Survey of Current Business*, July issues and April 1980.

NO. 1119. CARS AND TRUCKS IN USE, BY AGE: 1965 TO 1979

[As of **July 1**. Excludes vehicles for which age was not known]

AGE	NUMBER (mil.)						PERCENT					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Total cars	68.9	80.4	95.2	99.9	102.9	104.7	100.0	100.0	100.00	100.00	100.0	100.0
Under 3 years	21.6	24.4	25.8	24.2	27.3	28.2	31.3	30.3	27.1	24.2	26.5	26.9
3–5 years	18.0	24.9	27.0	30.0	27.3	25.2	26.1	31.0	28.3	30.0	26.5	24.1
6–8 years	13.6	18.4	22.0	22.3	23.3	25.0	19.7	22.9	23.1	22.3	22.6	23.9
9–11 years	9.9	7.7	13.9	14.2	14.6	14.9	14.3	9.6	14.6	14.2	14.2	14.3
12 years and over	5.9	4.9	6.6	9.2	10.5	11.3	8.6	6.1	6.9	9.2	10.2	10.8
Total trucks	13.1	17.7	24.8	28.2	30.5	32.6	100.0	100.0	100.0	100.0	100.0	100.0
Under 3 years	3.2	4.7	6.9	7.0	8.5	9.2	24.6	26.5	27.9	24.9	27.8	28.2
3–5 years	2.5	4.3	5.8	7.7	7.4	7.3	18.9	24.1	23.3	27.4	24.2	22.3
6–8 years	2.0	3.0	4.4	4.9	5.3	6.2	14.9	16.7	17.9	17.2	17.4	19.1
9–11 years	1.8	1.9	3.2	3.5	3.8	4.0	14.1	10.5	13.0	12.4	12.4	12.3
12 years and over	3.6	3.9	4.4	5.1	5.5	5.9	27.6	22.2	17.8	18.0	18.1	18.1

Source: R. L. Polk & Co., Detroit, Mich. In Motor Vehicle Manufactures Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual. (Copyright; further reproduction prohibited without Polk permission.)

No. 1120. Automobiles—Factory-Installed Equipment: 1970 to 1979

[Refers to model-year production. For certain items, such as air-conditioning, a significant number of units are installed on *new* vehicles after they leave the factory]

EQUIPMENT	UNITS INSTALLED (mil.)							PERCENT OF CARS PRODUCED						
	1970	1974	1975	1976	1977	1978	1979	1970	1974	1975	1976	1977	1978	1979
Transmission:														
Automatic	7.2	7.6	6.2	7.7	9.0	8.6	8.2	91.0	89.8	91.6	91.4	95.2	93.1	90.9
Manual	.7	.9	.6	.7	.5	.6	.8	8.9	10.2	8.4	8.6	4.8	6.6	9.0
V-8	6.7	5.7	4.9	5.8	7.2	6.1	5.6	84.2	67.9	71.4	68.6	76.0	65.8	61.7
6-cylinder engine	1.2	1.6	1.3	1.8	1.7	2.2	2.1	15.7	18.7	19.6	21.1	17.7	24.0	23.1
4-cylinder engine	(NA)	1.1	.6	.9	.6	.9	1.4	(NA)	13.3	9.0	10.3	6.3	10.2	15.2
Power brakes	4.4	5.6	5.2	6.8	8.5	8.1	7.7	56.0	66.2	75.8	80.6	90.0	87.9	85.5
Power steering	6.4	7.0	6.1	7.5	9.0	8.6	8.2	81.2	83.3	89.7	89.8	95.1	92.6	90.8
Power windows[1]	1.3	1.6	1.6	2.0	2.6	2.8	2.7	16.7	19.0	24.1	24.3	29.3	30.5	29.5
Air-conditioning	4.8	5.6	4.9	6.3	7.7	7.5	7.3	60.9	67.0	73.1	75.5	81.8	80.7	81.0
Tinted glass[2]	5.5	6.3	5.5	6.8	8.2	7.9	8.0	69.5	75.0	80.6	80.9	86.7	85.7	88.6

NA *Not available.* [1] *Includes station wagon power rear windows.* [2] Covers windshield and other glass.

Source: Chilton Company, Radnor, Pa., *Annual Statistical Issue, Automotive Industries.* (Copyright.)

No. 1121. Cars in Operation With Emission Controls: 1965 to 1979

[As of **July 1.** Figures show cars with emission controls *whether or not* the controls are in operation]

EMISSION CONTROLS	CARS (millions)							PERCENT			
	1965	1971	1975	1976	1977	1978	1979	1971	1975	1978	1979
Total cars	**68.9**	**83.1**	**95.2**	**97.8**	**99.9**	**103.0**	**104.7**	**100.0**	**100.0**	**100.0**	**100.0**
Cars with one or more controls	22.9	70.3	91.2	94.5	97.2	100.7	103.0	84.6	95.8	97.8	98.4
Crankcase control[1]	22.9	35.8	21.4	17.7	13.9	11.0	8.9	43.1	22.5	10.7	8.5
Exhaust and crankcase controls[2]	-	27.7	24.6	22.9	20.4	17.8	14.9	33.3	25.8	17.3	14.3
Fuel evaporation and above controls[3]	-	6.8	18.5	17.9	17.2	16.3	14.8	8.2	19.4	15.8	14.2
Nitrogen oxide and above controls[4]	-	-	22.0	21.8	21.4	21.0	19.9	-	23.1	20.4	19.0
Catalyst and above controls[5]	-	-	4.7	14.2	24.2	34.6	44.4	-	4.9	33.6	42.4
No emission controls	46.0	12.8	4.0	3.3	2.7	2.3	1.7	15.4	4.2	2.2	1.6

- Represents zero. [1] Installed nationwide, starting with 1965 models, to *reduce emissions* of hydrocarbons. [2] Exhaust controls introduced nationwide on 1968 models to accelerate the reduction of hydrocarbon emissions and emissions of carbon monoxide. [3] Begun on 1971 models to eliminate losses from gasoline tanks and carburetors. [4] Available on some 1971 and 1972 models and all 1973 and later models to lower emissions of nitrogen oxides. [5] Catalyst or equivalent *control* systems introduced on cars in 1975 to meet tougher emission levels for hydrocarbons and carbon monoxide.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., Motor Vehicle Facts and Figures, annual. Computed from R. L. Polk & Co. data.

No. 1122. Motor Vehicle Safety Defect Recalls, by Domestic and Foreign Manufacturers: 1970 to 1979

[Covers manufacturers reporting to U.S. National Highway Traffic Safety Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1966, as amended]

MANUFACTURER	Unit	1970	1973	1974	1975	1976	1977	1978	1979
Motor vehicles:									
Total recall campaigns [1]	**Number**	**154**	**251**	**247**	**217**	**209**	**246**	**271**	**275**
Domestic	Number	100	208	208	190	169	195	199	218
Foreign	Number	54	43	39	27	40	51	72	57
Total vehicles recalled	1,000	**1,240**	**7,000**	**2,877**	**2,109**	**3,492**	**12,923**	**9,063**	**8,919**
Domestic	1,000	738	6,667	2,345	1,829	3,019	10,693	7,921	6,997
Vehicles recalled by 4 leading auto manufacturers	1,000	563	6,477	2,194	1,602	2,854	10,331	7,670	6,989
Foreign	1,000	502	333	531	280	474	2,230	1,141	1,922
Motor vehicle tires:									
Recall campaigns[1]	Number	11	20	26	22	28	35	31	42
Tires recalled	1,000	160	132	1,094	72	464	471	14,686	235

[1] A recall campaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, *Motor Vehicle Safety Defect Recall Campaigns,* annual.

No. 1123. Percent of Occupied Housing Units With Automobiles Available: 1970 to 1977

[**1970, as of April; beginning 1975, as of October-December of year shown.** Data represent automobiles which are owned or regularly used by any member of the household and which are ordinarily kept at home. Includes leased automobiles, taxis, and company-owned automobiles kept at home. Based on Annual Housing Survey, see Appendix III. For composition of regions, see fig. 1 inside front cover]

CHARACTERISTIC	1970, UNITS WITH—			1975, UNITS WITH—			1977, UNITS WITH—		
	One car	Two cars	3 cars or more	One car	Two cars	3 cars or more	One car	Two cars	3 cars or more
U.S., total	**47.7**	**29.3**	**5.5**	**48.1**	**28.3**	**7.0**	**47.5**	**28.8**	**7.8**
Northeast	46.6	24.5	4.2	45.0	26.0	6.1	45.1	25.7	7.1
North Central	50.4	29.7	5.1	48.3	30.4	7.6	46.7	31.7	8.3
South	48.7	28.2	6.8	48.7	28.2	6.8	48.8	28.5	7.5
West	46.2	33.6	7.8	50.7	28.4	7.6	49.0	28.7	8.4
Metropolitan (SMSA) [1]	45.8	30.0	5.7	45.8	29.6	7.3	45.3	29.6	8.2
In central cities	45.4	22.1	4.1	45.3	22.9	4.9	45.2	22.6	5.7
Nonmetropolitan	52.1	27.9	5.1	53.2	25.5	6.4	52.1	27.0	7.0
Black	41.3	13.8	1.9	42.7	17.0	3.2	42.7	18.7	3.2
Spanish-origin [2]	(NA)	(NA)	(NA)	46.6	21.4	4.5	45.9	21.9	5.0
Income: [3]									
Under $3,000	41.7	7.1	1.2	38.4	6.9	1.3	37.3	9.2	1.6
$3,000–$6,999	60.0	15.9	1.9	56.1	11.1	1.4	52.8	9.8	1.6
$7,000–$9,999	58.1	29.4	3.4	62.4	20.1	3.0	62.7	17.8	2.7
$10,000–$14,999	45.7	43.3	6.4	56.6	31.1	4.7	57.9	28.0	4.7
$15,000–$24,999	30.7	52.9	14.7	41.0	44.7	10.8	45.7	41.3	9.1
$25,000 and over	22.1	53.3	21.1	25.3	47.4	22.0	27.3	48.5	22.5

NA Not available. [1] Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications. For definition of SMSA's, see text, Appendix II. [2] Persons of Spanish origin may be of any race. [3] Income of families and primary individuals in 12 months preceding date on interviews. For 1970, income in 1969.

Source: U.S. Bureau of the Census, *Census of Housing: 1970,* HC(2)–1; and *Current Housing Reports,* series H–150, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions* and, part C, *Financial Characteristics of the Housing Inventory.*

No. 1124. Recreational Vehicles—Number and Value of Shipments: 1965 to 1979

TYPE	NUMBER OF SHIPMENTS (1,000)						RETAIL VALUE OF SHIPMENTS (mil. dol.)					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Total	**192.8**	**380.3**	**339.6**	**533.9**	**526.3**	**303.3**	**308**	**1,122**	**2,320**	**5,327**	**5,683**	**3,538**
Motorized homes	4.7	30.3	96.6	280.2	293.6	168.2	34	318	1,251	3,876	4,329	2,682
Travel trailers	76.6	138.0	150.6	167.9	159.8	90.2	169	445	856	1,229	1,153	725
Camping trailers	67.2	116.1	48.1	53.9	48.2	31.1	30	175	101	123	116	83
Truck campers	44.3	95.9	44.3	31.9	24.7	13.8	75	183	112	99	85	48

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures,* annual. Data from Recreation Vehicle Industry Association.

No. 1125. Domestic Motor Fuel Consumption, by Use: 1960 to 1978

[Comprises all fuels (gas, diesel, or other fuels used for propulsion of vehicles) under State motor fuels laws. Excludes Federal purchases for military use. Minus sign (–) denotes decrease. See also, *Historical Statistics, Colonial Times to 1970,* series Q 156–162]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total consumption (bil. gal.)	**57.9**	**71.1**	**92.3**	**105.1**	**110.5**	**106.3**	**109.0**	**115.7**	**119.6**	**125.1**
Avg. annual percent change	[1] 4.0	4.2	5.4	6.7	6.2	–3.8	2.5	6.2	3.4	4.6
Passenger vehicles (bil. gal.)	42.0	51.2	66.7	74.3	78.9	75.1	77.4	79.8	81.7	84.8
Cars [2] (bil. gal.)	41.2	50.3	65.8	73.5	78.0	74.2	76.5	78.8	80.7	83.8
Buses (incl. school) (bil. gal.)	.8	.9	.9	.9	.8	.9	.9	1.0	1.0	1.0
Trucks [3] (bil. gal.)	15.8	19.9	25.6	30.7	31.6	31.2	31.6	35.9	38.0	40.3
Average gallons per vehicle	777	775	830	859	851	788	790	807	804	813
Cars [2]	661	656	722	730	736	676	685	685	680	688
Buses (incl. school)	3,040	2,844	2,491	2,165	1,991	1,919	1,937	2,015	2,002	2,041
Trucks [3]	1,330	1,347	1,365	1,446	1,361	1,268	1,227	1,292	1,284	1,270
Average mileage per gallon	12.42	12.49	12.14	12.07	11.85	12.09	12.20	12.20	12.34	12.38
Cars [2]	14.28	14.15	13.58	13.67	13.29	13.65	13.74	13.93	14.15	14.26
Buses (incl. school)	5.26	5.35	5.34	5.80	5.86	5.90	5.75	5.98	5.98	5.95
Trucks [3]	7.96	8.60	8.39	8.59	8.45	8.57	8.68	8.58	8.68	8.64

[1] Change from 1955. [2] Includes taxicabs and motorcycles. [3] Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics,* annual.

No. 1126. Domestic Motor Gasoline Supply: 1973 to 1980

Year	Supply [1] (1,000 bbls. per day) Total	Supply [1] (1,000 bbls. per day) Unleaded	Production [2] (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks [2 3] (mil. barrels)	Year and month	Supply [1] (1,000 bbls. per day) Total	Supply [1] (1,000 bbls. per day) Unleaded	Production [2] (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks [2] (mil. barrels)
1973, avg	6,674	(NA)	6,527	130	209.4	1979, March	7,221	2,733	6,654	167	239.2
1974, avg	6,537	(NA)	6,358	202	218.3	June	7,187	2,787	6,987	260	229.3
1975, avg	6,675	(NA)	6,518	182	234.9	Sept	6,878	2,815	6,626	134	229.6
1976, avg	6,978	1,508	6,838	128	231.4	Dec	6,690	2,890	6,962	262	237.5
1977, avg	7,177	1,976	7,031	215	257.6						
1978, avg	7,412	2,521	7,167	189	237.9	1980, March	6,376	3,032	6,506	154	282.7
1979, avg	7,030	2,798	6,835	180	237.5	June [4]	7,290	3,200	6,820	210	252.6

NA Not available. [1] Production plus net imports less net increase in primary stocks. [2] Excludes production and stocks at natural gas processing plants. [3] As of Dec. 31. [4] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review* and *Short-Term Energy Outlook.*

No. 1127. Estimated Cost of Operating an Automobile: 1970 to 1979

[1979 estimates based on a standard-size 4-door sedan, operated from the Baltimore, Md. area, costing $6,303, with an assumed life-span of 10 years, 100,000 miles. Similar specifications used in other years shown]

Item	10-year total costs ($1,000) 1970, Jan.	1974, Jan.	1976, Jan.	1979, Jan.	Cents per mile cost, 1979 (January) 10-year average	1st year (14,500 miles)	3d year (11,500 miles)	5th year (9,900 miles)	7th year (9,500 miles)	10th year (5,700 miles)
Total	**11.9**	**15.9**	**17.9**	**24.6**	**24.6**	**27.2**	**24.2**	**27.3**	**29.2**	**23.3**
Costs excluding taxes	10.5	14.4	16.3	23.0	23.0	23.9	22.9	25.9	27.7	21.8
Depreciation	3.2	4.2	4.9	6.3	6.3	12.1	6.1	5.4	4.2	4.4
Repairs and maintenance [1]	1.5	2.9	3.7	4.8	4.8	1.3	5.4	8.0	11.7	2.0
Replacement tires [2]	.4	.4	.4	.6	.6	.3	.3	.8	.8	1.2
Accessories [3]	(Z)	.1	.1	.1	.1	.1	.1	.1	.2	.2
Gasoline [4]	1.7	3.0	3.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Oil [4]	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2
Insurance [5]	1.7	1.6	1.7	2.5	2.5	2.2	2.6	2.9	2.0	3.4
Garaging, parking, etc. [6]	1.8	2.0	2.2	3.2	3.2	2.4	2.9	3.2	3.3	5.0
Taxes and fees [7]	1.4	1.5	1.6	1.6	1.6	3.3	1.3	1.4	1.5	1.5

Z Less than $50. [1] For 1979, includes lubrications, repacking wheel bearings, flushing cooling system, aiming headlamps; replacement of minor parts such as spark plugs, fan belts, radiator hoses, fuel filter, and pollution control equipment; minor repairs such as brake jobs, water pump, carburetor overhaul, and universal joints; and major repairs such as a complete "valve job." [2] For 1979, covers 3 new regular tires and 4 new snow tires during life of car. [3] For 1979, includes a set of vinyl floor mats, seat covers, and a pair of extra wheels. [4] For 1979, gasoline use set at 16.0 miles per gallon; associated oil use at 1 quart oil every 2,500 miles driven between 50,000 and 75,000 miles and 1 quart every 2,000 miles driven between 75,000 and 100,000 miles. [5] For 1979, includes $20,000/40,000 bodily injury, and $10,000 property damage, $2,500 personal injury protection, uninsured motorist coverage, and full comprehensive coverage for the 10-year period; $100 deductible collision insurance was assumed for the first 5 years. [6] For 1979, includes monthly charges of $20 for garage rental or cost of owner's garaging facility, parking fee average of $72 per year, and toll average of $7.80 per year. [7] For 1979, includes Federal excise taxes on tires of 10 cents per lb., lubricating oil of 6 cents per gallon, and gasoline of 4 cents per gallon; plus the Maryland tax on gasoline of 9 cents per gallon, titling tax of 5 percent of retail price, and registration fee of $20.00 for 3,700 lb. or less shipping weight, or $30.00 for vehicles over 3,700 lb. State sales tax of 5 percent included on certain items.

No. 1128. 10-Year Cost of Operating an Automobile, by Size of Car: 1979

[For basis of estimates for components of cost, see footnotes, table 1127. Estimates based on vehicle operated in Baltimore, Md. area with an assumed life-span of 10 years, 100,000 miles]

Item	Total [1]	Costs, excl. taxes	Depreciation	Repairs, maintenance	Tires	Gasoline	Insurance	Parking	Taxes and fees
Total cost ($1,000):									
Standard [2]	24.6	23.0	6.3	4.8	.6	5.4	2.5	3.2	1.6
Compact [3]	21.7	20.4	5.2	4.2	.5	4.8	2.3	3.2	1.3
Subcompact [4]	18.5	17.3	3.8	3.4	.5	4.0	2.2	3.2	1.1
Passenger van [5]	36.2	34.1	10.2	5.3	.6	7.2	7.2	3.2	2.1
Cents per mile cost:									
Standard [2]	24.58	22.98	6.26	4.80	.58	5.44	2.54	3.20	1.60
Compact [3]	21.72	20.39	5.18	4.16	.52	4.83	2.28	3.17	1.33
Subcompact [4]	18.45	17.33	3.81	3.43	.51	3.96	2.21	3.17	1.12
Passenger van [5]	36.19	34.09	10.21	5.28	.60	7.25	7.17	3.20	2.10

[1] Includes accessories. [2] Fully equipped 4-door sedan, price $6,303. [3] 2-door sedan, price $5,215. [4] 2-door sedan, price $3,854. [5] Passenger van, price $10,248.

Source of tables 1127 and 1128: U.S. Federal Highway Administration, *Cost of Operating an Automobile,* periodic.

NO. 1129. GASOLINE FUEL—RETAIL PRICES, SELECTED COUNTRIES: 1973 TO 1979

[**In U.S. cents per U.S. gallon.** As of **July.** Price includes tax except as noted. For most countries, based on exchange rates in effect as of July 31 of year shown. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1973	1974	1975	1976	1977	1978	1979	Average annual percent change, 1973-1979
United States: [1] Regular	40	56	60	60	63	63	91	14.7
Premium	45	60	65	64	69	71	97	13.7
Tax	11	11	12	12	12	13	14	4.1
Unleaded	[2] 27	[2] 43	62	63	67	69	96	23.5
France, Paris: Regular	106	132	156	140	170	215	243	14.8
Premium	115	143	169	151	184	232	262	14.7
Tax	82	81	94	81	110	130	167	12.6
Italy, Rome: Regular	99	169	166	174	206	216	244	16.2
Premium	105	177	171	181	215	225	253	15.8
Tax	79	120	115	116	153	160	166	13.2
United Kingdom: Regular	78	104	127	104	118	114	218	18.7
Premium	81	108	131	105	121	119	221	18.2
Tax [3]	48	45	41	44	43	47	70	6.5
Germany, F.R., Bonn: Regular	118	127	125	139	144	168	209	10.0
Premium	131	137	134	148	154	176	219	8.9
Tax [3]	72	65	65	65	73	81	91	4.0
Canada, Ottawa: Regular	49	57	66	66	69	67	71	6.4
Premium	53	62	67	72	75	73	78	6.7
Tax	19	19	23	29	28	26	24	4.0
Mexico, Mexico City: Regular	24	42	64	65	46	47	47	11.9
Premium	36	61	91	92	66	67	67	10.9
Tax	(NA)	(NA)	31	31	22	22	22	−8.2
Japan, Tokyo: Regular	83	136	136	136	163	201	227	18.3
Premium	98	155	163	151	178	223	246	16.6
Tax	42	45	45	57	61	87	95	14.6

NA Not available. [1] 1973–1976 prices for regular and premium at Washington, D.C.; all other data are national averages. [2] Excludes taxes. [3] Excludes value-added tax.

Source: U.S. Energy Information Administration; Regular—*International Petroleum Annual*; Premium—*International Energy Annual*, August 1980; Unleaded—*Monthly Energy Review*.

NO. 1130. FEDERAL AND STATE GASOLINE TAX—STATES: 1970 TO 1979

[**Cents per gallon.** In effect **Dec. 31.** See also *Historical Statistics, Colonial Times to 1970*, series Q 233-234]

STATE	1970	1973 [1]	1975	1976	1977	1978	1979	STATE	1970	1973 [1]	1975	1976	1977	1978	1979
Total	**11.0**	**11.5**	**11.7**	**11.7**	**11.8**	**11.8**	**12.0**	Miss.	8	9	9	9	[3] 9	[3] 9	[3] 9
Federal	4.0	4.0	4.0	4.0	4.0	4.0	4.0	Mo	5	7	7	7	7	7	7
State avg. [2]	**7.0**	**7.5**	**7.7**	**7.7**	**7.8**	**7.8**	**8.0**	Mont.	7	7	7.8	7.8	8	8	9
Ala.	7	7	7	7	[3] 7	[3] 7	[3] 7	Nebr. [6]	8.5	8.5	8.5	8.5	9.5	9.5	10.5
Alaska	8	8	8	8	8	8	8	Nev.	6	6	6	6	[3] 6	[3] 6	[3] 6
Ariz.	7	7	8	8	8	8	8	N.H.	7	9	9	9	10	10	11
Ark.	7.5	8.5	8.5	8.5	8.5	8.5	9.5	N.J.	7	8	8	8	8	8	8
Calif.	7	7	7	7	7	7	7	N. Mex.	7	7	7	7	7	7	7
Colo.	7	7	7	7	7	7	7	N.Y.	7	8	8	8	[3] 8	[3] 8	[3] 8
Conn.	8	10	10	11	11	11	11	N.C.	9	9	9	9	9	9	9
Del.	7	9	9	9	11	9	9	N. Dak.	7	7	7	7	8	8	8
D.C.	7	8	10	10	10	10	10	Ohio	7	7	7	7	7	7	7
Fla.	7	8	8	8	[3] 8	[3] 8	[3] 8	Okla.	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Ga.	6.5	7.5	7.5	7.5	7.5	7.5	7.5	Oreg.	7	7	7	7	7	7	7
Hawaii	[4] 5	5	8.5	8.5	[3] 8.5	[3] 8.5	[3] 8.5	Pa.	8	8	9	9	9	9	11
Idaho	7	8.5	8.5	9.5	9.5	9.5	9.5	R.I.	8	8	10	10	10	10	10
Ill.	7.5	7.5	7.5	7.5	[3] 7.5	[3] 7.5	[3] 7.5	S.C.	7	8	8	8	9	9	10
Ind.	8	8	8	8	8	8	8	S. Dak.	7	7	8	8	8	8	9
Iowa	7	7	7	7	7	8.5	10	Tenn.	7	7	7	7	7	7	7
Kans.	7	7	7	8	8	8	8	Tex.	5	5	5	5	5	5	5
Ky. [5]	7	9	9	9	9	9	9	Utah	7	7	7	7	7	9	9
La.	8	8	8	8	8	8	8	Vt.	8	9	9	9	9	9	9
Maine	8	9	9	9	9	9	9	Va. [5]	7	9	9	9	9	9	9
Md.	7	9	9	9	9	9	9	Wash.	9	9	9	9	11	11	12
Mass.	6.5	7.5	8.5	8.5	8.5	8.5	8.5	W. Va.	8.5	8.5	8.5	8.5	8.5	10.5	10.5
Mich.	7	9	9	9	9	9	11	Wis.	7	7	7	7	7	7	7
Minn.	7	7	9	9	9	9	9	Wyo.	7	7	7	8	8	8	8

[1] Taxes in 1974 same as for 1973, except U.S. total and State average up by .1 cent and Pa. up by 1 cent. [2] Weighted average, based on net gallons taxed. [3] Some local governments levy motor-fuel taxes at rates that range from .25 to 5 cents per gallon. [4] 8 cents per gallon in Hawaii County; 5 cents elsewhere. [5] Trucks or combinations with more than 2 axles pay tax of 2 cents per gallon more. [6] Beginning 1973, gasoline with grain alcohol additive taxed at 3 cents per gallon less.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1131. Passenger Transit Industry—Summary: 1960 to 1978

[*Beginning 1970, includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus lines, (b) light rail lines, (c) heavy rail lines, and (d) trolley coach lines. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also Historical Statistics, Colonial Times to 1970,* series Q 238-250]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978, prel.
Operating systems	**Number**	**1,251**	**1,148**	**1,079**	**1,023**	**946**	**947**	**955**	**1,009**	**969**
Motorbus systems [1]	Number	1,236	1,145	1,075	1,020	941	941	950	1,004	965
Publicly owned systems [1]	*Number*	54	78	144	185	308	333	375	455	463
Passenger vehicles owned	**Number**	**65,292**	**61,717**	**61,350**	**59,590**	**59,889**	**62,226**	**63,787**	**63,287**	**64,013**
Motorbuses	Number	49,600	49,600	49,700	48,286	48,700	50,811	52,382	51,968	52,866
Electric railway cars [2 3]	Number	11,866	10,664	10,600	10,510	10,471	10,712	10,720	10,674	10,554
Heavy rail	Number	9,010	9,115	9,338	9,387	9,403	9,608	9,714	9,639	9,567
Trolley coaches	Number	3,826	1,453	1,050	794	718	703	685	645	593
Operating revenue [4]	Mil. dol	1,407	1,444	1,707	1,798	1,940	2,002	2,161	2,280	2,381
Motorbus	Mil. dol	956	1,036	1,236	1,263	1,377	1,438	1,486	1,584	1,671
Electric railway [2 3]	Mil. dol	369	366	440	510	542	549	660	681	695
Heavy rail	Mil. dol	282	310	384	461	506	517	631	653	665
Operating expenses	Mil. dol	1,377	1,454	1,996	2,536	3,239	3,706	4,021	4,305	4,712
Operating income [5]	Mil. dol	31	−11	−286	−738	−1,300	−1,704	−1,860	−2,025	−2,331
Operating assistance	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	1,408	1,647	1,904	2,232
Federal	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	302	423	585	690
State	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	407	367	478	568
Local	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	699	857	841	978
Vehicle-mi. operated [4]	**Mil**	**2,143**	**2,008**	**1,883**	**1,835**	**1,907**	**1,990**	**2,026**	**2,021**	**2,028**
Motorbus	Mil.	1,576	1,528	1,409	1,370	1,431	1,526	1,581	1,623	1,630
Electric railway [2 3]	Mil.	466	437	441	439	459	448	430	383	384
Heavy rail	Mil.	391	395	407	407	432	423	407	361	364
Passengers carried [4]	**Mil**	**9,395**	**8,253**	**7,332**	**6,660**	**6,935**	**6,972**	**7,081**	**7,286**	**7,616**
Motorbus [6]	Mil.	6,425	5,814	5,034	4,642	4,976	5,084	5,247	4,949	5,142
Electric railway [3 6]	Mil.	2,313	2,134	2,116	1,921	1,876	1,810	1,759	2,267	2,404
Revenue passenagers carried	**Mil**	**7,521**	**6,798**	**5,932**	**5,294**	**5,606**	**5,643**	**5,673**	**5,723**	**5,963**
Motorbus	Mil.	5,069	4,730	4,058	3,653	3,998	4,095	4,168	4,246	4,406
Electric railway [2 3]	Mil.	2,005	1,882	1,746	1,567	1,549	1,493	1,450	1,425	1,506
Heavy rail	Mil.	1,670	1,678	1,574	1,424	1,435	1,388	1,353	1,335	1,415
Trolley coach	Mil.	447	186	128	74	60	56	54	51	51
Average fares:										
Motorbus	Cents	17.96	20.55	29.41	32.40	31.76	31.99	32.77	34.90	35.75
Light rail	Cents	22.09	23.82	27.03	26.96	27.88	29.89	29.88	30.24	33.40
Heavy rail	Cents	16.14	16.63	23.42	30.74	33.91	36.34	45.56	47.51	46.09
Trolley coach	Cents	18.12	21.83	23.84	32.06	28.91	27.50	27.83	28.16	28.12
Employees, number (avg.)	**1,000**	**156**	**145**	**136**	**141**	**153**	**160**	**163**	**163**	**165**
Payroll, employee	Mil. dol	857	964	1,274	1,624	1,967	2,236	2,404	2,547	2,741
Avg. earnings per employee	Dollars	5,481	6,645	9,230	11,544	12,849	13,993	14,751	15,671	16,569

NA Not available. [1] Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolley coaches, cable cars, and inclined plane cars. [2] Includes light rail. [3] Beginning 1975, includes cable car and inclined plane. [4] Includes trolley coach, not shown separately. [5] Minus sign (−) denotes deficit. [6] Data for 1960-1976 not comparable with later years.

Source: American Public Transit Association, Washington, D.C., *Transit Fact Book,* annual.

No. 1132. Federal Grant Approvals for Mass Transportation: 1965 to 1979

[***In millions of dollars.*** For years ending **June 30** through **1976** except, beginning **1977,** ending **Sept. 30.** Excludes direct Congressional authorizations to States or localities (major example is Washington, D.C.'s Metro System). Mass transportation is defined as transportation by bus, or rail or other conveyance, either publicly or privately owned which provides to the public general or special service (excluding school buses, charter and sightseeing service) on a regular and continuing basis]

TYPE OF GRANT	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total grant approvals	51	133	285	511	864	956	1,430	1,843	2,296	2,722	2,970
Capital grant approvals	51	133	285	511	864	956	1,287	1,479	1,724	2,037	2,102
Section 3 [1]	51	133	285	510	864	870	1,197	1,092	1,250	1,400	1,225
Section 5 [1]	(X)	(X)	(X)	(X)	(X)	(X)	9	26	39	50	256
Interstate and urban system [2]	(X)	(X)	(X)	(X)	(X)	86	81	361	434	587	621
Operating grant approvals, Section 5 [1]	(X)	(X)	(X)	(X)	(X)	(X)	143	364	572	685	868

X Not applicable. [1] Grants allowed under Urban Mass Transportation Act of 1964 as amended. Section 3 grants are discretionary grants awarded upon application by local authorities. Section 5 grants are formula grants awarded to cities meeting certain criteria. [2] Grants under Federal Highway Act of 1973.

Source: American Public Transit Association, *Transit Fact Book,* annual. Data From U.S. Urban Mass Transportation Administration.

NO. 1133. MEANS OF TRANSPORTATION TO WORK, BY RESIDENCE: 1975

[**In thousands of workers 14 years old and over.** Excludes workers living in group quarters. SMSA's refer to 243 standard metropolitan statistical areas as designated in 1970 census publications; for definitions, see text, Appendix II. Based on the Travel-to-Work Supplement to the 1975 Annual Housing Survey; see Appendix III]

MEANS OF TRANSPORTATION	Total workers	INSIDE SMSA'S					OUTSIDE SMSA'S		
		Total	Inside central cities	Outside central cities			Total	Urban	Rural
				Total	Urban	Rural			
Total	**80,125**	**55,418**	**22,760**	**32,658**	**24,840**	**7,818**	**24,707**	**9,648**	**15,059**
Drive alone	52,294	36,378	13,622	22,756	17,233	5,523	15,916	6,491	9,425
Private automobile	44,830	32,522	12,414	20,109	15,591	4,518	12,308	5,453	6,855
Percent of total	56.0	58.7	54.5	61.6	62.8	57.8	49.8	56.5	45.5
Truck	7,464	3,856	1,208	2,647	1,642	1,005	3,608	1,038	2,570
Carpool	15,575	10,120	3,935	6,185	4,567	1,617	5,455	1,954	3,501
Public transportation	4,825	4,625	3,188	1,437	1,358	78	201	125	75
Bus or streetcar	3,100	2,953	2,028	924	874	50	147	85	62
Subway or elevated train	1,179	1,177	1,037	141	135	6	2	-	2
Railroad	405	395	52	343	320	22	11	6	5
Taxicab	141	100	72	29	29	-	41	34	6
Other means	1,067	734	289	446	352	95	332	170	162
Walked only	3,778	2,482	1,356	1,125	924	201	1,296	673	623
Worked at home	2,585	1,079	370	709	406	304	1,506	235	1,272

Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 99, and unpublished data.

NO. 1134. WORKERS WORKING IN AND LIVING IN SELECTED CITIES AND PERCENT COMMUTING: 1970

[Covers cities with 250,000 or more workers, 16 years old and over, working in them. For explanation of methodology, see Appendix III]

CITY	Workers living in city[1] (1,000)	Workers working in city (1,000)	PERCENT COMMUTING		CITY	Workers living in city[1] (1,000)	Workers working in city (1,000)	PERCENT COMMUTING	
			Out of city[2]	Into city[3]				Out of city[2]	Into city[3]
New York, N.Y	2,677	3,100	5.7	18.6	Baltimore, Md	308	371	25.4	38.1
Chicago, Ill	*1,157*	*1,337*	*16.8*	*28.1*	St. Louis, Mo	200	348	21.7	54.8
Los Angeles, Calif	991	1,127	29.5	38.0	Atlanta, Ga	181	314	22.3	55.2
Philadelphia, Pa	618	761	12.7	29.1	San Diego, Calif	265	305	16.6	27.5
Detroit, Mich	464	535	32.9	41.8	Milwaukee, Wis	270	299	24.8	32.3
Houston, Tex	438	520	9.8	24.1	Indianapolis, Ind	275	289	20.1	23.9
Washington, D.C	*266*	*505*	*19.1*	*57.5*	Seattle, Wash	208	288	16.2	39.7
Dallas, Tex	331	437	13.4	34.3	Pittsburgh, Pa	168	280	20.0	52.3
San Francisco, Calif	282	420	10.3	39.8	Denver, Colo	197	279	16.8	41.3
Boston, Mass	226	402	23.1	56.7	Kansas City, Mo	184	266	21.9	45.9
Cleveland, Ohio	241	398	25.2	54.7	Minneapolis, Minn	175	260	27.5	51.0

[1] Covers only workers with place of work reported. [2] Percent of workers living in the city with place of work reported who commute to a place of work outside the city. [3] Percent of workers working in the city who commute in from a residence outside the city.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, Part C, and Final Report, PC (2)-6D, *Journey to Work*.

NO. 1135. INTERCITY BUS LINES—SUMMARY OF OPERATIONS: 1960 TO 1979

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979[1]
Operating companies	Number	1,150	1,100	1,000	950	950	1,000	1,050	1,100	1,150
Buses	1,000	21.0	19.8	22.0	21.0	20.5	20.1	20.2	20.2	20.5
Miles of highway served (Dec. 31)[2]	1,000	265	263	267	271	274	276	277	279	280
Employees (Dec. 31)[3]	1,000	45	45	50	49	47	46	44	44	45
Total bus miles	Millions	1,092	1,157	1,209	1,195	1,126	1,118	1,102	1,081	1,132
Revenue passengers	Millions	366	378	401	386	351	340	332	338	360
Revenue passenger-miles	Billions	19.3	23.8	25.3	27.7	25.4	25.1	25.7	25.4	27.2
Operating revenue, all services	Mil. dol	556	701	901	1,152	1,172	1,232	1,303	1,388	1,627
Operating expenses	Mil. dol	495	600	812	1,070	1,103	1,180	1,248	1,334	1,539
Net operating revenue[4]	Mil. dol	61	101	89	82	68	52	55	54	88

[1] Estimated. [2] Includes duplication between carriers. [3] Operating companies only. [4] Before income taxes.

Source: American Bus Association, Washington, D.C., *Bus Facts*, annual.

No. 1136. Class I Intercity Motor Carriers of Passengers: 1960 to 1978

[Carriers subject to ICC regulations. See text, p. 636, for class limits. See also *Historical Statistics, Colonial Times to 1970*, series Q 69–75]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978
Carriers reporting [1]	Number	143	156	71	81	77	78	42	43
Number of employees, average	1,000	35	35	34	36	31	32	27	26
Compensation of employees	Mil. dol	196	250	317	415	383	446	400	412
Operating revenue	Mil. dol	463	607	722	933	942	975	969	[2] 1,021
Passenger revenue [3]	Mil. dol	382	467	524	662	651	645	655	671
Special bus revenue and other	Mil. dol	81	141	198	271	291	(NA)	314	345
Expenses	Mil. dol	405	514	639	859	880	937	924	983
Net operating revenue	Mil. dol	58	90	83	74	61	37	45	38
Ordinary income:									
Before income taxes	Mil. dol	55	90	88	93	83	49	58	57
After income taxes	Mil. dol	28	52	52	61	56	32	40	41
Passenger vehicles in service [3]	1,000	12.7	13.3	13.3	13.8	9.7	(NA)	8.3	8.5
Owned end of year [3]	*1,000*	*10.9*	*11.3*	*10.2*	*9.9*	*9.6*	(NA)	*8.0*	*7.8*
Intercity	1,000	11.1	10.1	9.2	8.6	8.7	(NA)	7.7	7.6
Vehicle-miles, passenger	Million	843	947	871	886	835	(NA)	754	726
Revenue passengers carried	Million	268	219	174	169	147	(NA)	122	118
Expense per vehicle-mile	Dollar	.48	.54	.73	.97	1.05	(NA)	1.23	1.35

NA Not available. [1] Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers. [2] Includes $4 million from Government authoritites for current operations. [3] Regular route, intercity and local.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, 1960–1970, Part 7, and 1974–1978, Part 2, annual: except 1976, *Financial and Operating Statistics, Class I Motor Carriers of Passengers*, statement No. 750, semiannual. (Discontinued in 1979.)

No. 1137. Class I Intercity Motor Carriers of Property: 1960 to 1976

[See headnote table 1136. See also *Historical Statistics, Colonial Times to 1970*, series Q 76–81]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976 [1]
Carriers reporting	Number	935	1,114	1,376	1,525	1,442	757	770	852
Number of employees, average	1,000	327	375	500	542	580	500	409	445
Compensation of employees	Mil. dol	*2,103*	*2,948*	*4,914*	6,666	7,411	6,633	6,991	7,564
Operating revenue	Mil. dol	4,763	7,131	11,137	14,994	16,600	16,751	16,164	18,360
Expenses	Mil. dol	4,645	6,760	10,763	14,156	15,787	15,953	15,451	17,236
Net operating revenue	Mil. dol	119	371	375	838	813	797	713	1,124
Ordinary income, before taxes [2]	Mil. dol	81	329	275	763	691	744	(NA)	(NA)
Ordinary income, after taxes [2]	Mil. dol	37	209	150	460	427	438	264	332
Owned revenue vehicles	1,000	279	355	483	530	555	533	(NA)	(NA)
Trucks	1,000	31	36	54	56	58	53	(NA)	(NA)
Truck tractors	1,000	88	105	135	148	154	146	(NA)	(NA)
Trailers (semi and full)	*1,000*	161	214	294	327	343	334	(NA)	(NA)
Intercity vehicle-miles	Million	7,203	9,154	11,498	14,177	14,900	13,160	(NA)	(NA)
Intercity revenue freight carried	Mil. ton	276	419	552	652	698	539	(NA)	(NA)
Intercity revenue per intercity vehicle-mile	Dollar	.64	.74	.91	.99	1.05	1.14	(NA)	(NA)
Total expense per intercity vehicle-mile	Dollar	.65	.72	.94	1.00	1.06	1.21	(NA)	(NA)

NA Not available. [1] Preliminary. [2] Income taxes.

No. 1138. Class I Intercity Motor Carriers of Property, by Carrier: 1975 and 1978

[See headnote, table 1136. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user]

ITEM	Unit	COMMON CARRIER, GENERAL FREIGHT		COMMON CARRIER [1]		CONTRACT CARRIER [1]		CARRIERS OF HOUSEHOLD GOODS	
		1975	1978	1975	1978	1975	1978	1975	1978
Carriers reporting	Number	368	345	330	514	50	66	32	33
Number of employees, avg.	1,000	379	545	94	119	10	14	4	11
Compensation of employees	Mil. dol	5,726	8,818	1,046	2,140	175	315	70	152
Operating revenues	Mil. dol	11,116	17,495	3,907	8,095	453	956	866	1,381
Intercity freight	*Mil. dol*	10,511	17,251	3,717	7,366	411	786	765	1,255
Operating expenses	Mil. dol	10,571	16,550	3,758	7,692	432	909	849	1,370
Ordinary income before taxes	Mil. dol	432	851	109	338	17	42	32	30
Net income	Mil. dol	225	554	65	234	9	29	18	16
Total power units, intercity service	1,000	78	192	69	105	8	11	18	26
Trucks, tractors owned in operation, avg	1,000	49	147	25	41	5	7	(Z)	1
Intercity vehicle-miles	Million	6,246	7,789	4,776	7,651	454	769	688	866
Tons of intercity revenue freight carried	Million	191	254	264	466	21	28	3	5

Z Less than 500. [1] Other than general freight.

Source of tables 1137 and 1138: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 2, annual.

NO. 1139. TRUCKS AND TRUCK-MILES, BY VEHICLE AND OPERATIONAL CHARACTERISTICS: 1972 AND 1977

[Data are based on a stratified probability sample of trucks drawn from current registrations on file with motor vehicle departments in the 50 States and D.C.]

ITEM	1972				1977			
	Trucks (1,000)		Truck-miles (bil.)		Trucks (1,000)		Truck-miles (bil.)	
	Total	Excluding pick-ups, panels	Total	Excluding pick-ups, panels	Total	Excluding pick-ups, panels	Total	Excluding pick-ups, panels
Total trucks	**19,745**	**5,283**	**244.5**	**88.8**	**26,213**	**4,062**	**312.5**	**74.2**
Major use:								
Agriculture	4,258	1,433	37.1	10.2	4,249	1,094	36.0	7.2
Forestry and lumbering	187	121	3.4	2.3	217	109	4.0	2.4
Mining and quarrying	77	45	1.4	1.0	139	72	2.7	1.4
Construction	1,693	739	23.2	9.6	1,765	601	25.7	8.1
Manufacturing	443	260	10.1	7.4	368	197	8.8	6.2
Wholesale trade	1,875	928	32.0	18.6	859	414	19.4	11.3
Retail trade					1,149	345	17.2	6.0
For hire	770	678	29.6	28.3	547	453	23.7	22.0
Personal transportation	8,122	191	79.5	1.4	14,261	35	143.4	.1
Utilities and services	1,995	708	23.8	7.5	2,122	536	26.1	5.7
All other	327	182	4.4	2.6	537	206	5.6	3.8
Body type:								
Pickup	14,464	(X)	155.7	(X)	17,632	(X)	182.9	(X)
Panel, multi-stop [1]					4,519	(X)	55.4	(X)
Platform and cattlerack	2,460	2,460	27.6	27.6	1,779	1,779	18.9	18.9
Vans [1]	1,134	1,134	35.1	35.1	887	887	32.7	32.7
Utility truck	370	370	4.1	4.1	201	201	2.2	2.2
Dump truck	468	468	6.5	6.5	452	452	6.4	6.4
Tank truck	316	316	8.0	8.0	272	272	7.3	7.3
All other	536	536	7.5	7.5	471	471	6.7	6.7
Type of fuel:								
Gasoline	17,342	4,195	186.9	44.9	25,174	3,094	267.0	29.8
Diesel and LPG	860	808	40.8	39.9	1,030	963	45.5	44.4
Not reported	1,544	281	16.8	4.1	9	5	-	-
Size-class:								
Light (10,000 lbs. or less GVW [2])	14,598	1,084	154.5	10.2	22,395	680	238.4	5.5
Medium (10,001-19,500 lbs. GVW [2])	2,822	1,942	29.3	18.8	1,583	1,153	16.2	10.9
Light-heavy (19,501-26,000 lbs. GVW [2])	828	792	8.8	8.3	802	796	8.2	8.2
Heavy-heavy (26,001 lbs. or more GVW [2])	1,500	1,468	52.0	51.5	1,433	1,433	49.7	49.7
Annual miles:								
Less than 5,000 miles	4,621	1,578	10.5	3.5	6,280	1,422	13.1	2.6
5,000-9,999 miles	5,540	1,159	37.3	7.8	6,298	735	43.5	4.9
10,000-19,999 miles	6,598	1,316	83.0	17.0	9,691	810	122.7	10.7
20,000-29,999 miles	1,647	453	36.7	10.3	2,408	358	54.1	8.2
30,000-49,999 miles	772	328	27.3	12.0	980	302	34.2	11.2
50,000 miles or more	570	450	49.7	38.2	557	435	44.9	36.6
Year model:								
1-2 years old	2,915	634	54.8	19.4	4,485	389	77.2	14.9
3-4 years old	3,722	866	62.9	24.0	4,583	636	71.8	19.2
Over 4 years old	13,110	3,784	126.9	45.5	17,145	3,037	163.5	40.1
Vehicle type:								
Single-unit trucks	18,636	4,392	202.2	46.8	25,380	3,229	271.9	33.6
2-axle	18,289	3,862	193.3	38.1	24,941	2,791	265.2	26.9
3-axle	548	529	8.9	8.7	439	438	6.7	6.7
Truck-tractor combinations	909	892	42.3	42.0	835	835	40.6	40.6
3-axle	125	123	3.0	3.0	68	68	1.4	1.4
4-axle	273	273	9.5	9.5	235	235	8.1	8.1
5-axle	417	417	26.3	26.3	433	433	26.7	26.7
All other	95	79	3.6	3.3	97	97	4.4	4.4
Range of operation:								
Local	16,057	4,037	163.2	40.1	22,240	2,800	228.0	29.3
Short-range (200 miles or less)	1,717	710	41.3	23.3	2,189	552	48.8	20.5
Long-range (more than 200 miles)	469	312	24.5	22.4	562	305	26.5	22.2
Not reported	1,504	225	15.5	3.0	1,222	405	9.2	2.2

- Represents zero. X Not applicable. [1] Vans similar to panel trucks are included in panel, multi-stop. [2] Gross vehicle weight (empty-weight of the vehicle plus the maximum carried load).

Source: U.S. Bureau of the Census, *U.S. Census of Transportation: 1972*, TC72-T52, and *1977* TC77-T-52.

NO. 1140. RAILROADS—SUMMARY STATISTICS: 1950 TO 1978

[As of **Dec. 31**, or **calendar year** data, except as noted. Prior to 1960, excludes Alaska and Hawaii. Covers class I and II railroads, excluding switching and terminal companies, except as noted. Includes intercorporate duplications. See also *Historical Statistics, Colonial Times to 1970*, series Q 264-312, Q 330, Q 356-363, and Q 367-377]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978
Operating companies [1]	Number	471	441	407	372	351	340	314	320	59
Employees [2]	1,000	1,237	1,071	793	655	577	502	505	510	480
Compensation	Mil. dol	4,645	5,045	4,957	4,887	5,646	7,674	8,618	9,356	9,734
Mileage:										
Road owned, first track [3]	1,000	224	221	218	211	206	199	176	190	178
Track operated:										
Reporting railroads [4]	1,000	396	391	382	371	360	340	295	321	322
First track [4]	1,000	237	234	230	226	220	215	191	209	196
Other main tracks	1,000	40	39	35	31	29	21	15	21	26
Yardtrack, *sidings*	1,000	119	118	117	113	112	105	89	101	101
Operated by receivers [5]	1,000	12	12	1	2	23	27	(NA)	(NA)	(NA)
Equipment: [6]										
Locomotives in service	1,000	43.0	33.5	31.2	30.1	29.1	30.2	29.6	29.7	27.0
Avg. tractive effort [7]	1,000 lb	57.1	65.0	61.3	63.1	[8] 1.9	[8] 2.1	[8] 2.2	[8] 2.2	[8] 2.1
Cars in service:										
Passenger-train	1,000	37.4	32.1	25.7	20.0	11.4	6.7	5.6	5.7	2.4
Freight train [9]	1,000	1,746	1,724	1,690	1,515	1,454	1,345	1,309	1,275	1,201
Average capacity [10]	Tons	52.6	53.7	55.4	59.8	67.1	73.0	73.8	75.5	77.8
Capital and property investment: [11]										
Road and equipment, book value [12]	Mil. dol	30,174	33,035	35,513	35,489	37,918	40,196	36,577	38,342	38,702
Depreciation reserve [13]	Mil. dol	6,629	7,314	8,532	9,342	9,930	10,650	9,472	9,994	10,377
Capitalization outstanding [14]	Mil. dol	18,274	(NA)	16,134	14,857	14,339	13,473	13,976	14,781	16,343
Capital surplus and retained income	Mil. dol	7,037	(NA)	11,356	12,945	13,002	11,297	11,271	12,039	[15] 8,225
Stock paying dividends	Mil. dol	6,769	7,300	5,617	4,845	3,595	3,402	3,344	3,745	-
Dividends declared	Mil. dol	349	476	412	533	486	458	477	629	521
Interest accrued on funded debt	Mil. dol	367	374	387	403	554	716	714	688	774
Income and expenses:										
Operating revenues	Mil. dol	9,587	10,230	9,642	10,425	12,209	16,929	19,190	20,800	22,138
Operating expenses	Mil. dol	7,135	7,724	7,657	8,003	9,806	13,967	15,820	17,398	21,424
Tax accruals	Mil. dol	1,212	1,101	1,020	949	1,104	1,684	1,980	2,040	2,097
Net railway operating income	Mil. dol	1,055	(NA)	595	980	506	36	56	[16] −136	451
Net income [11]	Mil. dol	855	959	473	866	[17] 126	[17] 12	[16] −145	[16] −158	[16] −284
Passenger service:										
Passengers carried	Mil.	488	433	327	306	289	270	272	276	262
Passenger-miles	Mil.	31,790	28,548	21,284	17,454	10,786	9,948	[18] 10,317	10,306	[18] 10,223
Commutation [10]	Mil.	4,990	4,776	4,197	4,128	4,592	4,513	4,738	4,586	4,668
Coach [10]	Mil.	17,443	17,314	13,422	11,069	5,414	4,750	5,277	5,185	5,088
Parlor and sleeping *car* [10]	Mil.	9,338	6,441	3,643	2,191	765	502	570	524	467
Passenger revenue	Mil. dol	815	744	641	556	423	539	592	612	608
Revenue per passenger-*mile*	Cents	2.56	2.61	3.01	3.19	3.92	5.41	5.77	5.94	(NA)
Avg. journey per passenger	Miles	65.14	65.88	65.05	57.07	37.26	36.81	37.88	37.31	(NA)
Freight service:										
Freight revenue	Mil. dol	7,934	8,665	8,152	9,037	11,124	15,623	17,707	19,232	20,610
Revenue-tons originated	Mil.	1,421	1,459	1,301	1,479	1,572	1,470	1,481	1,519	1,431
Tons carried one mile	Bil.	592	627	575	706	771	759	799	834	868
Revenue ton-miles per mile of road	1,000	2,497	2,679	2,497	3,121	3,468	3,161	3,121	3,542	(NA)
Revenue per ton-mile	Cents	1.341	1.382	1.417	1.281	1.443	2.060	2.214	2.306	2.374
Haul per ton, U.S. as a *system*	Miles	416	430	442	477	490	516	540	549	606
Accidents: [19]										
Persons killed	Number	3,398	2,667	2,248	2,399	2,225	1,560	1,630	1,530	1,646
Persons injured	Number	33,255	27,832	19,577	25,780	21,327	54,306	65,331	67,867	72,545

- *Represents zero.* NA *Not available.* [1] *Includes unofficial companies and, through 1960, circular companies; see* text, p. 634. [2] Average mid-month count. [3] Includes lessors, *proprietary, unofficial, and,* through 1960, circular companies. [4] Includes mileage in Canada. [5] Includes track operated by trustees. [6] Includes switching and terminal *companies, except average* tractive effort and average capacity. [7] For 1950 and 1955, steam locomotives of class I railroads; beginning 1960, all locomotives of class I railroads. [8] *Represents horsepower. In* thousands. [9] Excludes caboose cars. [10] Class I railroads only. [11] Includes lessors. [12] Increase in investment over a period of years *cannot be obtained* accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale or abandonment, reclassification, etc. Also includes proprietary companies. [13] Includes *amortization, applicable to proprietary* companies. [14] Comprises common stock, preferred stock, and funded debt unmatured. [15] Represents total retained *earnings.* [16] *Minus sign (−) denotes deficit.* [17] After extraordinary and prior period items. [18] Total revised; revisions not available for detail. [19] Includes highway grade crossing casualties. Beginning 1975 not comparable with *previous* years due to change in requirements for reporting injuries.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States,* Part 1, annual, and, 1950-1965, *Accident Bulletin,* annual. Beginning 1970, accident data from U.S. Federal Railroad Administration, *Accident Bulletin,* annual.

No. 1141. Railroad Companies, by Class: 1950 to 1978

[Prior to 1960, excludes Alaska and Hawaii. See text, p. 636, for explanation of class limits]

CLASS OF COMPANY	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Total	**[1] 1,038**	**[1] 935**	**[1] 842**	**763**	**708**	**677**	**663**	**576**	**584**	**[1] 575**
Class I line-haul operating	127	126	106	76	71	74	74	57	58	40
Lessors to class I	179	155	128	116	114	115	107	61	63	63
Class II line-haul operating	171	155	304	302	273	258	245	240	251	19
Lessors to class II	6	8	8	15	14	9	8	7	6	6
Switching and terminal [2]	253	237	221	205	190	174	170	158	161	22
Proprietary	100	67	53	45	39	38	38	36	34	-
Unofficial	9	6	1	4	7	9	21	17	11	-

- Represents zero. [1] Includes class III railroads for 1950, 1955, and 1978, and circular railroads through 1960, not shown separately. [2] Includes operating, lessor, proprietary, and unofficial companies, and, through 1960, circular.

Source: U.S. Interstate Commerce Commission, 1950, *Statistics of Railways in the United States;* thereafter, *Transport Statistics in the United States,* Part 1, annual.

No. 1142. Railroads—Miles of Road Owned, by District: 1960 to 1978

[**In thousands.** As of **Dec. 31.** Data are for actual length of line owned by line-haul companies in each State without duplication]

DISTRICT	1960	1970	1972	1973	1974	1975	1976	1977	1978
Total	**217.6**	**205.8**	**202.8**	**201.1**	**200.4**	**199.1**	**175.8**	**190.4**	**178.3**
Eastern	56.3	52.3	51.2	50.7	50.4	50.1	26.3	42.8	38.1
Southern	38.6	37.4	37.4	37.4	37.3	37.0	37.2	36.8	34.7
Western	122.1	116.1	114.1	113.0	112.7	112.0	111.7	110.2	105.5
Unassigned	.6	(z)	(z)	-	-	-	.6	.6	-

- Represents zero. Z Less than 50.

No. 1143. Railroads—Equipment in Service, Fuel and Power Consumed, and Rails and Ties Laid: 1960 to 1978

[See text, p. 636, for definition of class I. See also *Historical Statistics, Colonial Times to 1970,* series Q 301–305 and 388–397]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	[1] 1977	[1] 1978
Locomotives	**1,000**	**31.2**	**30.1**	**29.1**	**29.3**	**29.9**	**30.2**	**30.2**	**29.6**	**27.3**	**27.0**
Steam	1,000	.4	.1	-	-	-	-	-	-	-	-
Electric	1,000	.5	.4	.3	.3	.2	.2	.2	.2	.1	.1
Diesel	1,000	30.2	29.6	28.8	29.0	29.4	29.7	29.7	29.1	27.1	26.9
New units installed [1]	Number	389	1,387	271	962	597	649	588	146	(NA)	(NA)
Freight cars [2]	**1,000**	**1,690**	**1,515**	**1,454**	**1,411**	**1,387**	**1,369**	**1,345**	**1,309**	**1,232**	**1,167**
Box	1,000	700	593	590	567	558	554	531	503	466	376
Gondola and hopper	1,000	831	754	724	712	697	684	685	681	651	637
Other	1,000	159	168	140	132	132	132	129	125	115	154
Aggregate capacity [1]	Mil. tons	91.9	88.3	95.6	96.1	95.6	95.7	95.9	93.7	93.0	90.8
Average capacity [1]	Tons	55.4	59.8	67.1	69.6	70.5	71.4	73.0	73.8	75.5	77.8
New units installed [1]	1,000	54.0	62.9	37.3	21.5	26.9	28.1	31.2	23.5	(NA)	(NA)
Passenger-train cars	**1,000**	**25.7**	**20.0**	**11.4**	**7.8**	**7.4**	**7.1**	**6.7**	**5.6**	**5.5**	**2.2**
Coaches	1,000	10.3	8.1	6.5	5.5	5.3	5.1	4.9	4.1	(NA)	(NA)
Other	1,000	15.5	11.9	4.8	2.2	2.1	2.0	1.8	1.6	(NA)	(NA)
New units installed [1]	Number	251	666	33	4	-	-	-	325	(NA)	(NA)
Fuel and power consumed: [1]											
Diesel oil	Mil. gal	3,472	3,742	3,808	4,074	4,223	4,199	3,806	3,969	(NA)	(NA)
Electricity	Mil. kWh	1,641	1,509	1,341	1,384	1,230	1,590	1,553	1,415	(NA)	(NA)
Rails and ties laid: [1] [3]											
Rails	1,000 sh. tons	1,066	1,167	1,174	1,400	1,435	1,591	1,244	(NA)	(NA)	(NA)
Crossties	Mil	16.4	17.0	19.6	22.0	19.9	20.9	20.5	(NA)	(NA)	(NA)
Switch, bridge ties	Mil. bd. ft	63.4	61.7	60.0	59.9	58.1	64.5	60.1	(NA)	(NA)	(NA)

- Represents zero. NA Not available. [1] Class I railroads. [2] Excludes caboose cars. [3] New and used rails and ties for replacement, additional tracks, new lines, extensions.

Source of tables 1142 and 1143: U.S. Interstate Commerce Commission, *Transport Statistics in the United States,* Part 1, annual, and *Annual Report.*

No. 1144. Railroads, Class I Line-Haul—Revenues and Expenses: 1960 to 1979

[**In millions of dollars.** Beginning 1978, data not comparable with prior years due to change in accounting system used. Minus sign (—) denotes deficit. See text, p. 636, for definition of class I. See also *Historical Statistics, Colonial Times to 1970, series Q 364–366 and Q 378*]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Operating revenues	9,514	10,208	11,992	14,989	17,207	16,684	18,837	20,430	21,622	25,714
Amtrak	(x)	(x)	(x)	202	257	253	287	310	321	398
Freight	8,025	8,836	10,922	13,770	15,767	[1] 15,399	[1] 17,384	[1] 18,892	[1] 19,839	[1] 23,540
Passenger	640	553	420	442	538	536	592	609	603	703
Mail and express	431	388	183	91	103	(1)	(1)	(1)	(1)	(1)
Other	417	431	466	484	542	496	574	622	859	1,073
Operating expenses	7,565	7,850	9,660	11,899	13,592	13,792	15,578	17,132	21,453	25,056
Amtrak	(x)	(x)	(x)	327	463	531	651	735	863	994
Maintenance	2,952	3,011	3,778	4,640	5,278	5,429	6,429	7,301	9,575	10,093
Way and structures	1,192	1,236	1,613	2,041	2,365	2,433	3,034	3,466	4,047	4,672
Equipment	1,760	1,775	2,165	2,599	2,913	2,996	3,395	3,835	5,528	5,421
Transportation, rail line	3,833	4,020	4,873	6,061	6,979	6,987	7,500	8,071	8,580	10,460
Other	781	819	1,009	871	872	845	998	1,025	2,435	2,609
Tax accruals	999	916	1,089	1,371	1,823	1,640	1,921	1,977	(NA)	(NA)
Net revenue [2]	584	962	486	698	514	21	21	−170	168	657
Net income [3]	(NA)	(NA)	227	401	459	−207	−227	−111	310	897
Gross expenditures for capital improvements	919	1,631	1,351	1,436	1,804	1,987	2,026	2,478	3,008	3,577
Equipment	634	1,304	993	977	1,253	1,498	1,471	1,716	1,971	2,390
Roadway and structures	286	327	358	459	551	489	555	762	1,037	1,187

NA Not available. X Not applicable. [1] Mail and express is included with freight. [2] Revenue from railway operation. For 1960–1977 represents net railway operating income. [3] For 1970–1977 represents ordinary income.

No. 1145. Railroads, Class I Line-Haul—Selected Passenger Statistics: 1960 to 1979

[See text, p. 636, for definition of class I. See also *Historical Statistics, Colonial Times to 1970*, series Q 313–315]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Avg. miles of road operated	1,000	94	77	50	28	31	32	33	32	30	32
Passenger revenue	Mil. dol	640	553	420	442	538	536	592	606	608	708
Revenue per passenger-mile:											
Incl. commutation passengers	Cents	3.01	3.18	3.90	4.76	5.22	5.50	5.59	5.91	5.95	6.26
Excl. commutation passengers	Cents	3.03	3.14	4.02	5.19	5.85	6.31	6.30	6.64	6.62	6.99
Revenue passengers carried	Mil	326	299	284	254	274	269	268	275	281	301
Amtrak	Mil	(x)	(x)	(x)	17	18	18	19	19	19	21
Revenue passenger-miles	Bil	21.3	17.4	10.8	6.3	10.3	9.9	10.6	10.3	10.2	11.3
Amtrak	Bil	(x)	(x)	(x)	3.8	4.3	3.9	4.3	4.2	4.2	4.9
Average distance	Miles	65.2	58.2	37.9	36.6	37.7	36.8	39.6	37.5	36.3	37.5
Revenue passenger-miles per train-mile	Number	101	101	117	153	161	150	158	156	159	188
Revenue passenger-miles per car-mile	Number	19.3	19.5	25.8	34.2	35.3	35.2	36.7	36.5	36.4	(NA)
Passenger-train miles	Mil	209	172	92	61	64	66	67	66	64	60
Passenger-carrying car-miles	Mil	1,101	885	417	272	293	281	289	282	280	(NA)
Train-miles per train-hour	Miles	40.7	41.3	40.1	37.6	38.2	39.2	32.7	33.0	32.4	(NA)

NA Not available. X Not applicable.

No. 1146. Railroads, Class I Line-Haul—Selected Freight Statistics: 1960 to 1979

[Excludes switching and terminal roads. Tons of 2,000 pounds. See text, p. 636, for definition of class I. See *Historical Statistics, Colonial Times to 1970*, series Q 319, for train-miles per train-hour]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Average miles of road operated	1,000	219	212	209	208	207	206	205	200	197	192	183
Freight revenue	Bil. dol	8.0	8.8	10.9	12.6	13.8	15.8	15.4	17.4	18.9	20.3	23.5
Per ton-mile	Cents	1.40	1.27	1.43	1.62	1.62	1.85	2.04	2.20	2.29	2.37	2.57
Per ton	Dol	3.51	3.48	4.18	4.94	5.10	5.91	6.32	7.42	8.00	9.17	9.55
Revenue freight:												
Tons *originated*	Mil	1,241	1,387	1,485	1,448	1,532	1,530	1,395	1,370	1,395	1,390	1,465
Tons carried	Mil	2,291	2,539	2,616	2,544	2,701	2,716	2,437	2,448	2,439	2,217	2,446
Net ton miles	Bil	572	698	777	788	863	851	764	804	839	856	908
Average distance	Miles	251	275	292	306	332	316	310	338	350	386	371
Train miles	Mil	405	421	427	451	469	469	402	425	428	433	440
Freight car miles, loaded [1]	Bil	17.3	17.9	17.3	17.1	18.0	17.6	15.1	15.8	16.3	15.9	15.8
Empty	Bil	10.9	11.4	12.6	13.2	13.2	13.1	12.5	12.7	12.4	11.1	11.5
Net ton-miles per train-mile [1]	Number	1,466	1,683	1,820	1,774	1,844	1,875	1,938	2,232	2,029	2,029	(NA)
Net *ton-miles per loaded car-mile* [1]	Number	33.9	39.7	44.9	46.7	48.7	50.1	51.7	59.9	53.2	55.1	(NA)
Train-miles per train-hour	Miles	19.5	20.1	20.1	20.0	19.8	19.9	20.0	20.1	19.8	19.3	(NA)

NA Not available. [1] Revenue and nonrevenue freight.

Source of tables 1144–1146: U.S. Interstate Commerce Commission, *Annual Report; Transport Statistics in the United States*, Part 1, annual; and related quarterly reports, *Financial and Operating Statistics, Class I Railroads*, Statement No. 100, semiannual; and unpublished data.

No. 1147. Railroads—Employees, Hours, and Compensation: 1960 to 1979

[Excludes switching and terminal roads. See also *Historical Statistics, Colonial Times to 1970*, series Q 398-399]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	[1] 1979
Class I line-haul railroads: [2]										
Employees, average	1,000	780	640	566	533	494	496	501	472	505
Man-hours paid for	Mil	1,841	1,565	1,379	1,064	977	985	988	925	950
Average hours per employee	Hours	2,358	2,445	2,436	1,996	1,978	1,986	1,972	1,960	1,881
Compensation of employees:										
Total	Mil. dol.	4,894	4,793	5,557	7,576	7,563	8,494	9,224	9,566	10,904
Average per hour	Dol	2.66	3.06	4.04	7.12	7.74	8.62	9.34	10.34	11.48
Average per year	Dol	6,270	7,490	9,841	14,214	15,310	17,125	18,411	20,267	21,592

[1] Preliminary. [2] See text, p. 636, for class limits.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 1, annual, and Statement No. A-300, annual.

No. 1148. Railroads, Class I—Cars of Revenue Freight Loaded, 1960 to 1979, and by Commodity Group, 1978 and 1979

[**In thousands.** Figures are 52-week totals, 1978 and 1979 data include 12 class II railroads which were class I in 1977. See text, p. 636, for definition of class I. N.e.c.=Not elsewhere classified]

YEAR	CARLOADS		COMMODITY GROUP	CARLOADS		COMMODITY GROUP	CARLOADS	
	Total	Piggy-back		1978	1979		1978	1979
1960	30,441	554	Coal	4,428	5,254	Crushed stone, gravel, sand	955	853
1965	29,248	1,077	Metallic ores	1,710	1,765	Nonmetallic minerals, n.e.c	763	783
1970	27,160	1,450	Chemicals, allied products	1,439	1,488	Waste and scrap materials	712	713
1971	25,266	1,356	Grain	1,340	1,428	Lumber, wood prod. (exc. furniture), n.e.c	649	597
1972	26,105	1,448	Motor vehicles and equip	1,261	1,122			
1973	27,338	1,631	Pulp, paper, allied products	1,094	1,097	Forwarder and shipper association traffic	624	642
1974	26,184	1,610	Primary forest products	1,086	1,055			
1975	23,217	1,308	Food and kindred products, n.e.c	990	953	Coke	375	360
1976	23,457	1,506				Petroleum products	358	336
1977	23,173	1,689	Grain mill products	972	917	Farm products, exc. grain	244	223
1978	23,355	1,841	Metals and products	966	984	Less than carload	26	21
1979	23,877	1,858	Stone, clay, and glass prod	962	944	All other carloads	2,400	2,341

Source: Association of American Railroads, Washington, D.C., *Cars of Revenue Freight Loaded*, annual.

No. 1149. Revenue Freight Originated, by Commodity Group—Class I Railroads and Motor Carriers of Property: 1975 and 1977

[See *Historical Statistics, Colonial Times to 1970*, series Q 332, for total carloads originated]

COMMODITY GROUP	RAILROADS						MOTOR CARRIERS					
	Carloads (1,000)		Tons (mil.)		Revenue [1] (mil. dol.)		Truckloads (1,000)		Tons (mil.)		Revenue [1] (mil. dol.)	
	1975	1977	1975	1977	1975	1977	1975	1977	1975	1977	1975	1977
Total [2]	**22,930**	**22,823**	**1,395.1**	**1,394.7**	**15,899**	**19,394**	**14,562**	**16,240**	**315.1**	**333.1**	**10,549**	**12,196**
Coal	4,844	4,809	407.6	414.9	2,146	2,698	3	6	(Z)	.1	1	1
Food and kindred products	2,154	2,022	100.2	98.7	1,822	2,041	1,473	1,606	25.7	28.4	812	1,034
Nonmetallic minerals [3]	1,895	1,724	150.6	139.6	596	667	326	263	7.1	6.1	39	56
Farm products	1,873	1,570	134.4	121.9	1,472	1,484	257	355	5.0	16.0	124	251
Metallic ores	1,338	1,020	106.4	83.2	468	447	32	34	.6	.7	7	10
Transportation equipment	1,135	1,417	27.3	33.6	1,283	1,988	1,639	1,383	19.9	18.3	645	726
Lumber and wood prod. [4]	1,615	1,737	88.6	99.3	1,066	1,416	171	278	3.5	5.5	64	109
Pulp, paper, allied products	1,015	1,077	40.6	44.9	977	1,212	520	589	8.4	9.3	220	316
Chemicals, allied products	1,313	1,420	91.4	104.3	1,681	2,212	1,811	2,038	34.3	37.2	764	993
Primary metal products	796	814	51.4	55.2	848	957	1,243	1,027	23.7	19.7	496	528
Petroleum and coal prod	787	767	45.8	46.1	573	690	3,655	4,189	90.7	102.2	442	589
Rubber, misc. plastics prod	180	153	3.1	3.3	132	151	319	340	4.0	4.3	207	237
Stone, clay, and glass prod	906	924	56.8	59.9	651	822	845	1,011	18.3	21.8	205	272
Fabricated metal prod. [5]	244	112	8.2	2.9	221	121	327	431	4.2	6.5	162	277
Machinery, exc. electrical	156	110	3.6	2.7	200	163	399	369	5.5	5.3	298	318
Electrical mchy., equip	200	171	3.2	2.9	182	187	234	226	2.6	2.7	145	162
Waste and scrap materials	744	689	38.2	36.1	359	404	36	57	.6	1.1	14	20
Freight forwarder traffic	167	235	3.2	4.3	157	211	47	36	.5	.5	18	19

Z Less than 50 thousand tons. [1] Gross. [2] Includes commodity groups and small packaged freight shipments, not shown separately. [3] Except fuels. [4] Except furniture. [5] Except ordnance, machinery, and transport.

Source: U.S. Interstate Commerce Commission, *Freight Commodity Statistics—Class I Railroads in the United States*, annual; and *Class I Motor Carriers, Property Operating in Intercity Service*, annual.

NO. 1150. PRICE INDEXES FOR TOTAL RAILROAD FREIGHT AND SELECTED COMMODITY GROUPS: 1970 TO 1979

[1969=100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions]

COMMODITY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total railroad freight	**108.8**	**122.4**	**126.1**	**129.3**	**149.7**	**169.4**	**186.6**	**199.1**	**213.1**	**243.4**
Annual percent change	8.8	12.5	3.0	2.5	15.8	13.2	10.2	6.7	7.0	14.2
Farm products	108.3	120.8	123.5	125.2	145.3	165.0	182.7	191.3	204.9	235.0
Metallic ores	108.9	123.5	128.1	133.0	155.0	178.4	197.8	211.1	227.3	264.5
Coal	108.6	123.9	128.8	132.5	154.8	177.5	199.6	211.6	228.2	266.8
Nonmetallic minerals	108.0	120.7	125.6	130.0	150.5	172.4	191.7	205.5	221.2	260.4
Food products	108.9	122.4	126.2	128.8	148.9	168.6	185.1	195.3	210.1	239.5
Wood or lumber products	108.4	119.0	123.3	127.4	147.4	163.6	177.9	191.7	205.7	233.8
Pulp, paper, and allied products	108.9	122.4	124.1	124.5	143.5	162.7	176.1	186.5	197.1	223.4
Chemical or allied products	108.6	121.8	124.8	127.6	147.9	168.5	183.8	197.1	208.5	236.1
Clay, concrete, glass, or stone prod	109.4	122.9	126.7	131.2	153.1	174.5	192.2	206.4	223.4	255.2
Primary metal products	109.5	124.3	128.5	132.1	153.3	174.8	191.6	205.0	217.9	246.6
Transportation equipment	109.4	123.7	127.3	131.9	153.5	173.5	190.2	204.3	217.6	246.1

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly.

NO. 1151. MAJOR CLASS I RAILROADS CONTROLLED BY CONGLOMERATE HOLDING COMPANIES: 1967 TO 1974

ITEM	Operating revenues (mil. dol.)	Freight revenues (mil. dol.)	Ton miles (bil.)	ITEM	Operating revenues (mil. dol.)	Freight revenues (mil. dol.)	Ton miles (bil.)
1967: Class I railroads	10,366	9,130	719	**1972:** Class I railroads	13,586	12,572	778
Under direct conglomerate control	1,036	917	74	Under conglomerate control	7,827	7,384	461
Percent of total	10.0	10.0	10.2	Percent of total	57.6	58.7	59.2
				Directly controlled	6,825	6,407	396
1970: Class I railroads	11,985	10,916	763	**1974:** Class I railroads	17,207	15,767	851
Under direct conglomerate control	5,923	5,323	369	Under conglomerate control	8,645	8,286	465
Percent of total	49.4	48.8	48.4	Percent of total	50.2	52.6	54.7

Source: 1967 to 1972, U.S. Congress, Senate Committee on Government Operations, *Disclosure of Corporate Ownership, 1974; 1974*, U.S. Interstate Commerce Commission, unpublished data.

NO. 1152. RAILROAD ACCIDENTS—DEATHS AND INJURIES: 1960 TO 1978

[Casualty data prior to 1975 cover only those cases where a person lost time from that person's job or other usual activity. Beginning 1975, covers cases with lost time, those requiring medical treatment beyond first aid, termination of employment, transfer to another job, loss of consciousness, and occupational illnesses. Prior to 1975, cases where death occurred more than 24 hours after the injury were classified as injuries; beginning 1975, they were classified as deaths. See also *Historical Statistics, Colonial Times to 1970*, series Q 385–387 and Q 400–401]

TYPE OF CASUALTY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Persons killed, total	**2,248**	**2,399**	**2,225**	**1,945**	**1,916**	**1,908**	**1,560**	**1,630**	**1,530**	**1,646**
In hwy. grade crossing accidents	1,364	1,534	1,440	1,260	1,185	1,220	978	1,114	944	1,021
Involving motor vehicles [1]	1,254	1,434	1,337	1,170	1,035	1,091	765	956	822	908
Passengers on trains	32	11	8	47	6	7	8	5	4	13
Railroad employees on duty	190	172	155	127	158	140	110	100	114	122
Trespassers and other	2,026	2,216	2,062	1,771	1,752	1,761	1,442	1,525	1,412	1,511
Persons injured	**19,577**	**25,789**	**21,327**	**17,930**	**18,245**	**20,818**	**54,306**	**65,331**	**67,867**	**72,545**
In hwy. grade crossing accidents	3,424	3,801	3,336	3,285	3,283	3,249	4,168	4,831	4,649	4,256
Involving motor vehicles [1]	3,277	3,663	3,205	3,177	3,158	3,110	3,568	4,307	4,455	4,087
Passengers on trains	1,463	1,189	489	680	503	574	1,307	998	503	1,252
Railroad employees on duty	13,245	18,644	15,743	12,456	13,098	15,620	47,318	57,889	61,028	65,071
Trespassers and other	4,869	5,956	5,095	4,794	4,653	4,624	5,681	6,444	6,336	6,222
Hwy. grade crossings [2] (1,000)	225	216	211	210	208	209	208	208	206	201
Specially protected [3] (1,000)	42	44	47	48	49	49	47	48	48	48

[1] Excludes motorcycles. [2] Class I railroads only. [3] Includes crossings with operated gates or watchmen, during at least part of the day; and those with audible or visible signals. Excludes those with fixed signs only

Source: 1960 and 1965, U.S. Interstate Commerce Commission and, thereafter, U.S. Federal Railroad Administration, *Accident Bulletin*, annual, and *Rail-Highway Grade Crossing Accident Bulletin*, annual.

NO. 1153. PETROLEUM PIPELINE COMPANIES—SUMMARY: 1960 TO 1976

[Refers to pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission. See also *Historical Statistics, Colonial Times to 1970*, series Q 251-263]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976
Companies reporting	Number	87	89	101	99	100	103	104	111
Miles of line operated	1,000	152	161	176	174	171	173	173	174
Investment in carrier property	Mil. dol	3,300	4,178	5,786	6,759	7,016	8,065	10,745	13,704
Investments and special funds	Mil. dol	114	59	250	327	331	444	328	298
Capitalization	Mil. dol	1,439	1,635	2,516	3,183	3,168	4,094	6,041	8,153
Capital stock	Mil. dol	384	382	450	428	437	451	431	460
Long term debt	Mil. dol	1,056	1,253	2,068	2,755	2,731	3,643	5,610	7,693
Operating revenues	*Mil. dol*	*770*	*904*	*1,188*	*1,338*	*1,446*	*1,587*	*1,874*	*2,137*
Operating expenses [1]	Mil. dol	418	515	672	780	844	943	1,038	1,155
Net income	Mil. dol	169	218	312	332	375	352	457	599
Oil transported:									
Total delivered out of system	Mil. bbl	4,783	5,864	8,147	8,889	9,415	9,333	9,341	9,757
To connecting carriers	Mil. bbl	1,639	1,757	2,320	2,552	2,785	2,748	2,817	2,976
Terminated	Mil. bbl	3,144	4,107	5,827	6,336	6,630	6,585	6,523	6,781
Trunk line movement:									
Crude oil	Mil. bbl	3,091	3,505	4,756	5,112	5,423	5,391	5,369	5,824
Products	Mil. bbl	1,124	1,872	2,864	3,358	3,633	3,589	3,645	3,813

[1] Includes pipeline taxes; excludes Federal income taxes.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 6, annual.

NO. 1154. PETROLEUM PIPELINE COMPANIES—CHARACTERISTICS: 1972 TO 1979

[Covers pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission from 1972 to 1976, and Federal Energy Regulatory Commission beginning 1977]

ITEM	Unit	1972	1973	1974	1975	1976	1977	1978	1979
Miles of pipeline, total	1,000	172.1	170.1	169.0	170.7	169.9	154.5	161.6	169.0
Gathering lines	1,000	42.3	42.9	40.7	40.4	37.6	34.7	36.5	36.9
Trunk lines	1,000	129.8	127.2	128.3	130.3	132.3	119.8	125.1	132.0
Total deliveries	Mil. bbl	8,847	9,416	9,132	9,391	9,742	10,019	10,768	11,140
Crude oil	Mil. bbl	5,510	5,760	5,698	5,729	5,996	6,089	6,550	6,728
Products	Mil. bbl	3,337	3,656	3,434	3,662	3,746	3,930	4,218	4,412
Total trunk line traffic	Bil. bbl-miles	2,687	2,502	2,632	2,892	2,918	3,895	3,723	3,577
Crude oil	Bil. bbl-miles	1,520	1,262	1,456	1,551	1,639	2,267	2,031	1,946
Products	Bil. bbl-miles	1,167	1,240	1,176	1,341	1,279	1,627	1,691	1,631
Carrier property value	Mil. dol	6,749	7,000	8,038	10,740	13,684	16,736	17,654	18,990
Operating revenues	*Mil. dol*	*1,338*	*1,438*	*1,579*	*1,669*	*2,132*	*2,818*	*4,990*	*5,781*
Net income	Mil. dol	415	408	330	456	595	478	1,696	1,648

Source: Penn Well Publishing Co., Tulsa, Oklahoma, *Oil and Gas Journal*, August 11, 1980 issue and earlier issues. (Copyright.)

NO. 1155. INTERSTATE NATURAL GAS PIPELINE COMPANIES—SUMMARY: 1960 TO 1978

[Excludes companies whose operations are limited to production of natural gas and sales of gas at or near the point of production. Covers classes A and B interstate natural gas pipeline companies with annual gas operating revenues of $1,000,000 or more]

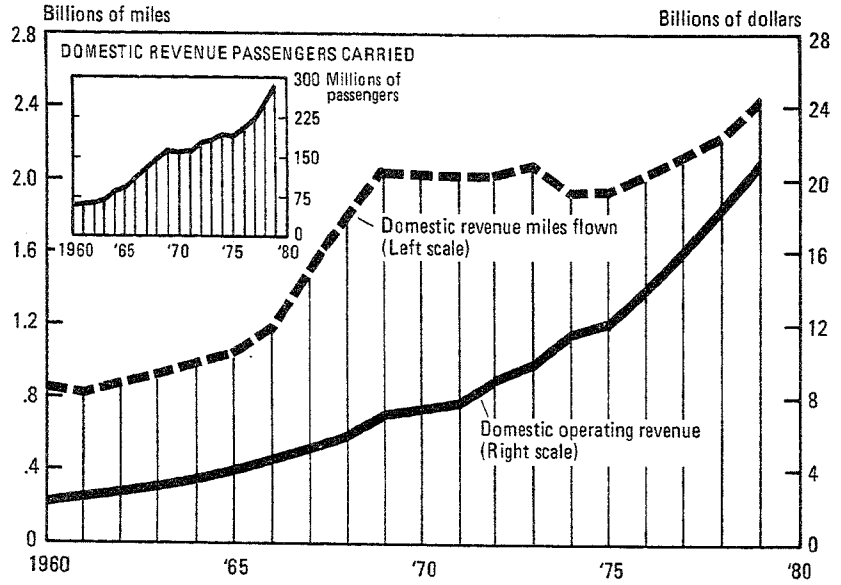
ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978
Sales	Tril. cu. ft	11.8	14.7	19.9	18.8	17.9	16.5	16.2	15.7	16.2
Residential	Tril. cu. ft	.6	.6	.6	.6	.5	.5	.5	.6	.6
Commercial, industrial	Tril. cu. ft	2.4	2.5	2.9	2.5	2.3	1.9	1.8	1.9	1.9
For resale	Tril. cu. ft	8.7	11.6	16.3	15.6	15.1	14.0	13.8	13.2	13.7
Operating revenues	Mil. dol	4,571	5,584	7,955	9,870	11,637	14,278	17,317	22,289	25,966
From sales [1]	Mil. dol	4,352	5,346	7,576	9,304	10,958	13,451	16,361	21,126	24,832
Residential	Mil. dol	537	488	622	699	713	756	910	1,316	1,520
Commercial, industrial	Mil. dol	731	793	1,025	1,208	1,417	1,646	2,115	2,842	3,319
For resale	Mil. dol	3,046	4,043	5,898	7,363	8,788	11,003	13,277	16,912	19,972
From transportation of gas to others	Mil. dol	100	113	188	293	319	387	474	559	619
Other	Mil. dol	119	126	191	272	359	440	482	604	515
Operation, maintenance expenses	Mil. dol	3,091	3,873	5,602	6,706	7,995	10,374	12,796	17,596	20,954
Production	Mil. dol	2,472	3,142	4,546	5,296	6,450	8,573	10,721	15,096	18,048
Storage	Mil. dol	21	39	63	97	113	140	159	205	243
Transmission	Mil. dol	306	379	534	718	788	912	1,065	1,300	1,519
Distribution	Mil. dol	75	65	92	120	118	122	134	178	193
Administrative, general, and other	Mil. dol	216	248	368	475	527	627	717	817	951
Pipeline mileage:										
Transmission lines	1,000	135.5	154.4	182.0	194.0	186.9	187.2	189.9	189.9	190.7
Field lines	1,000	42.5	47.7	51.6	55.0	55.2	57.1	58.6	60.2	63.0
Storage	1,000	2.9	3.1	3.5	4.0	3.6	4.2	4.3	4.2	4.3

[1] Includes other ultimate customers not shown separately.

Source: 1960-1975, U.S. Federal Power Commission and, thereafter, U.S. Energy Information Administration, *Statistics of Interstate Natural Gas Pipeline Companies*, annual.

Figure 23.1

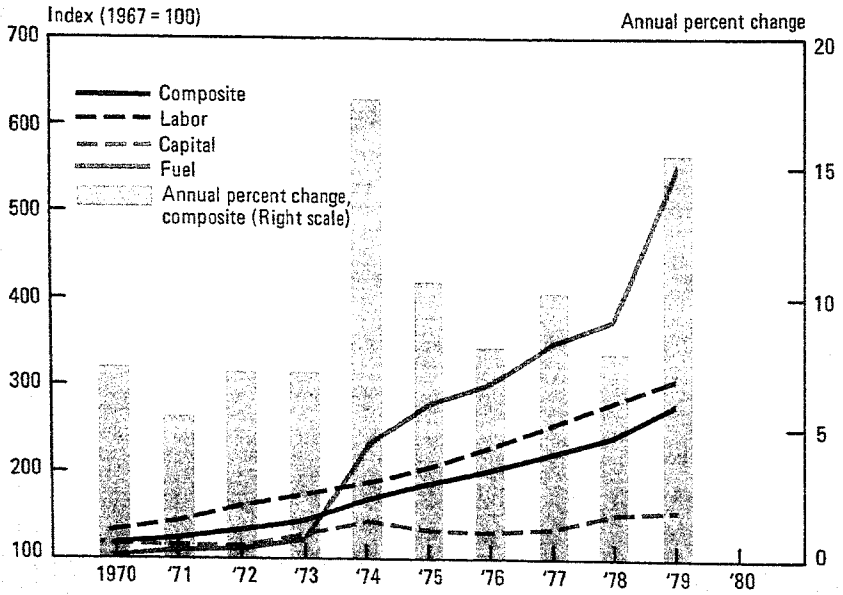
Domestic Scheduled Air Carriers — Revenues, Miles Flown, and Passengers Carried: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1156 and 1160.

Figure 23.2

Airline Cost Indexes: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1161.

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Section 23

Transportation—Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 22.

Principal sources of these data are the annual *FAA Statistical Handbook of Aviation* issued by the Federal Aviation Administration (FAA); the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of *U.S. Waterborne Exports and General Imports,* and *U.S. Airborne Exports and General Imports,* the annual *Vessel Entrances and Clearances,* and the monthly *Highlights of U.S. Export and Import Trade,* issued by the Bureau of the Census.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, D.C. in *Air Transport Facts and Figures.* Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets,* issued periodically by the U.S. Maritime Administration; *The Bulletin,* issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Completed in the World* and the *Register Book,* published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation are carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promotes and regulates the civil air transportation industry within the United States and between the United States and foreign countries. The Board grants licenses to provide air transportation service, approves or disapproves proposed rates and fares, and approves or disapproves proposed agreements and corporate relationships involving air carriers. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The principal activities of the FAA include: Controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment for the airways; development of general aviation; and promotion of air safety.

These agencies publish monthly and quarterly financial and traffic statistical data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air carrier (general aviation) flying; and aircraft production and registration.

Air carriers and service.—The CAB issues "certificates of public convenience and necessity" in two categories: *Certificated route air carriers* (often referred to as "scheduled airlines") and *supplemental (or charter) air carriers* (see headnote, table 1162). Certificated route air carriers are passenger/cargo and all-cargo carriers which are authorized to perform *scheduled service* over specified routes according to published flight schedules. Certificated route carriers are, however, allowed to perform some *nonscheduled service* (i.e., revenue flights outside of the regular schedule, such as charter flights, and all nonrevenue flights incident to such flights).

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

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

No. 1156. Certificated Route Passenger/Cargo Air Carriers—Number, Operating Revenues, and Expenses: 1960 to 1979

[**In millions of dollars, except number of carriers.** Minus sign (−) denotes loss. See also headnote, table 1160, and *Historical Statistics, Colonial Times to 1970,* series Q 591-603]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979[1]
DOMESTIC										
Number of air carriers[2]	42	40	35	30	29	30	30	30	32	49
Revenues	**2,129**	**3,609**	**7,131**	**9,605**	**11,448**	**11,911**	**13,789**	**15,690**	**18,189**	**21,595**
Passenger	1,860	3,142	6,246	8,379	9,758	10,113	11,855	13,489	15,508	18,666
Mail (including subsidy)	113	158	205	258	259	247	292	355	336	416
Express and freight	103	220	461	615	673	696	830	961	1,328	1,455
Other	53	89	219	352	758	855	812	886	1,017	1,058
Expenses	**2,091**	**3,165**	**7,128**	**9,117**	**10,649**	**11,781**	**13,213**	**15,036**	**17,171**	**21,472**
Aircraft	1,043	1,811	3,970	4,838	5,662	6,347	7,123	8,175	9,054	11,798
Flying operations	601	855	2,098	2,606	3,297	3,869	4,401	5,229	5,669	7,976
Fuel costs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5,261
Direct maintenance flight equipment	258	640	1,127	1,397	1,500	1,595	1,802	1,986	2,155	2,453
Depreciation and amortization	184	316	745	835	865	883	920	960	1,230	1,369
Ground and indirect	1,048	1,354	3,157	4,279	4,987	5,434	6,090	6,861	8,117	9,674
Net operating income	**38**	**443**	**3**	**487**	**799**	**130**	**576**	**654**	**1,018**	**123**
INTERNATIONAL										
Number of air carriers[2]	13	10	4	4	3	3	3	3	3	3
Revenues	**685**	**1,199**	**1,914**	**2,527**	**2,922**	**3,064**	**3,316**	**3,774**	**4,702**	**5,575**
Passenger	528	887	1,380	1,895	2,121	2,230	2,411	2,786	3,305	4,072
Mail (including subsidy)	48	82	103	71	84	90	85	88	117	131
Express and freight	59	131	197	268	336	356	382	425	660	756
Other	51	99	234	293	381	388	438	475	620	616
Expenses	**639**	**1,001**	**1,894**	**2,460**	**2,995**	**3,060**	**3,182**	**3,552**	**4,355**	**5,506**
Aircraft	304	509	944	1,212	1,608	1,627	1,650	1,822	2,173	2,884
Flying operations	180	263	515	681	1,038	1,050	1,089	1,170	1,352	1,960
Fuel costs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,456
Direct maintenance flight equipment	58	146	241	317	356	364	368	414	498	571
Depreciation and amortization	66	100	188	214	214	213	193	238	323	353
Ground and indirect	336	493	950	1,248	1,387	1,433	1,532	1,730	2,182	2,622
Net operating income	**45**	**198**	**19**	**67**	**−73**	**4**	**134**	**222**	**347**	**69**

NA Not available. [1]Preliminary. [2]Each airline counted only in group in which greater portion of its operations prevailed.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual. Data from U.S. Civil Aeronautics Board.

NO. 1157. CIVIL FLYING—SUMMARY: 1960 TO 1979

[As of **Dec. 31** or for years ending **Dec. 31**, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series Q 604-623]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Airports in operation [1]	Number	6,881	9,566	11,261	13,062	13,251	13,770	14,117	14,574	14,746
Heliports	Number	66	401	790	1,430	1,524	1,674	1,850	1,986	2,108
Public	Number	2,780	3,570	4,260	4,575	4,573	4,667	4,708	4,751	4,761
Private	Number	4,101	5,996	7,001	8,487	8,678	9,103	9,409	9,823	9,985
Lighted airports	Number	2,133	2,878	3,554	3,999	4,171	4,362	4,483	4,567	4,631
Airports with paved runways	Number	1,893	2,747	3,805	4,716	4,865	5,106	5,313	5,484	5,618
Miles of Federal airways	1,000	(NA)	(NA)	324.7	405.7	403.9	413.5	623.9	605.7	615.5
Airport Development Aid Program: [2]										
Air carrier airports	Mil. dol	73.3	44.3	39.4	258.4	287.8	355.2	434.3	465.0	506.6
General aviation airports	Mil. dol	8.7	15.2	11.1	41.3	52.1	61.1	72.0	74.8	117.6
Total civil aircraft [3]	1,000	111.6	142.1	154.5	188.0	196.3	205.9	215.3	236.8	251.5
Active aircraft	1,000	78.8	97.7	134.5	164.2	171.2	180.9	186.8	201.3	(NA)
Air carriers, total [4]	1,000	2.2	2.3	2.8	2.7	2.5	2.5	2.5	2.6	3.6
General aviation aircraft [5]	1,000	76.5	95.4	131.7	161.5	168.5	178.3	184.3	198.7	(NA)
Fixed-wing aircraft:										
Multi-engine	1,000	7.2	12.0	18.4	23.4	24.6	25.7	26.6	28.9	(NA)
Single-engine:										
4-place and over	1,000	34.8	49.8	64.6	78.9	82.6	88.2	88.2	101.5	(NA)
3-place and less	1,000	33.5	31.4	44.9	53.0	54.4	56.7	57.3	59.2	(NA)
Rotorcraft [6]	1,000	.6	1.5	2.2	3.6	4.1	4.5	4.7	5.1	(NA)
Balloons, blimps, gliders, etc	1,000	.4	.8	1.6	2.5	2.8	3.2	4.4	4.0	(NA)
Airman certificates held [7]	1,000	518	684	1,023	1,048	1,052	1,079	1,133	1,161	1,192
Pilot [8]	1,000	348	480	733	734	728	744	784	799	815
Held by women	Percent	2.9	3.7	4.0	5.0	5.2	5.6	6.0	6.2	6.4
Airline transport	1,000	18	22	34	41	43	45	50	56	64
Commercial	1,000	90	117	187	192	189	188	189	186	182
Private	1,000	139	196	304	306	306	309	327	338	343
Student	1,000	99	139	196	181	177	189	204	205	210
Nonpilot [9]	1,000	170	204	290	314	324	335	349	362	377
Ground technicians [10]	1,000	151	175	241	262	271	280	291	302	307
General aviation: [5]										
Hours flown [11]	Mil	13.1	16.7	26.0	31.4	32.0	33.9	35.8	39.4	(NA)
Miles flown [11]	Bil	1.7	2.6	3.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fuel consumed: [12]										
Gasoline	Mil. gal	(NA)	304	362	403	397	433	465	(NA)	(NA)
Jet fuel [13]	Mil. gal	(NA)	183	415	483	510	588	711	(NA)	(NA)
Domestic air cargo, revenue ton-miles flown [14]	Mil	724	1,661	2,581	3,221	3,020	3,161	3,406	3,824	3,814
Certificated route carriers:										
Scheduled service	Mil	476	1,112	2,215	2,888	2,718	2,888	3,125	3,505	3,466
Nonscheduled service [15]	Mil	135	330	80	52	39	36	46	57	88
Supplemental carriers [16]	Mil	112	220	285	280	263	237	235	262	260
Aircraft accidents: [17]										
General aviation [5]	Number	4,793	5,196	4,712	4,425	4,237	4,193	4,286	4,494	4,238
Fatal	Number	429	538	641	729	675	695	702	793	658
Fatalities	Number	787	1,029	1,310	1,438	1,345	1,320	1,436	1,770	1,311
Air carrier [18]	Number	90	83	55	47	45	28	26	24	33
Fatal	Number	17	9	8	9	3	4	5	6	6
Fatalities	Number	499	261	146	467	124	45	655	163	353
Hijacking incidents, worldwide	Number	-	5	83	26	25	18	29	31	27
U.S.-registered aircraft	Number	-	4	27	7	12	4	3	13	13
Successful [19]	Number	-	1	18	3	4	1	-	2	6
Foreign-registered aircraft	Number	-	1	56	19	13	14	26	18	14
Successful [19]	Number	-	-	37	5	3	6	16	8	8

- Represents zero. NA Not available. [1] Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—public use and public services, public control; Private—(*a*) public use and public services, private control, and (*b*) no public services, private control, military control, or Federal government control. [2] Federal funds only; fiscal year data. Includes U.S. outlying areas. Prior to July 1, 1970, data are for Federal-Aid Airport Program (FAAP). [3] Includes gliders, dirigibles, balloons, and blimps. [4] Registered, not necessarily in operation. Includes helicopters. [5] See headnote, table 1158. [6] Includes autogyros; excludes air carrier helicopters. [7] For some categories, no medical examination is required; therefore, those data represent all certificates ever issued. [8] Includes helicopter, glider, and lighter-than-air pilots, not shown separately. [9] Includes control tower operators, flight navigators and engineers, and ground technicians. [10] No medical examinations are required; therefore, data represent all certificates on record and include retired or otherwise inactive technicians. [11] Hours flown and miles flown for 1974-1976 are revised. Detail by type of flying is not available at this time. In 1977, the 35,792 hours flown comprised: 10,309 hours of business and executive flying; 6,641 hours of commercial flying (including air taxi, aerial application, transportation for hire, etc.); 6,529 hours of instructional flying; 8,453 hours of personal flying; and 3,860 hours of flying for other purposes. [12] Source: 1965-1975, U.S. Department of the Interior; 1976 and 1977, U.S. Energy Information Administration, *Crude Petroleum, Petroleum Products, and Natural Gas Liquids* (Final Summary). [13] Includes kerosene-type and naphtha-type jet fuels. [14] Comprises express and freight ton-miles. [15] Includes some military ton-miles and may include a small amount of international traffic. [16] Civil and military. [17] Beginning 1970, data not strictly comparable due to change of definition. [18] Beginning 1975, includes commercial operators. [19] Hijacker controls flight and reaches destination or objective.

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual, and unpublished data. Includes data from U.S. Civil Aeronautics Board.

No. 1158. Airports and Federal Airport Development Aid Program, 1979, and General Aviation Aircraft, 1978—States and Other Areas

[As of **Dec. 31.** General aviation comprises all civil flying (including such commercial operations as commuter airlines, air taxis, agricultural application, powerline patrol, etc.), but excludes certificated route air carriers, supplemental operators, and large-aircraft commercial operators]

STATE	AIRPORTS, 1979[1]		AIRPORT DEVELOPMENT AID[2] (mil. dol.)		General aviation aircraft, 1978	STATE OR OTHER AREA	AIRPORTS, 1979[1]		AIRPORT DEVELOPMENT AID[2] (mil. dol.)		General aviation aircraft, 1978
	Public	Private	Total funds, 1970–1979	1979 funds			Public	Private	Total funds, 1970–1979	1979 funds	
Total	**4,761**	**9,985**	**3,368.4**	**624.2**	**[3] 198,778**	Mo	115	259	55.6	22.0	3,949
						Mont	117	60	38.5	5.5	2,214
Ala	99	57	43.9	6.6	2,631	Nebr	93	226	46.1	7.8	2,661
Alaska	521	213	176.1	25.5	5,799	Nev	59	60	43.6	9.5	1,882
Ariz	96	114	67.1	16.6	4,626	N.H	16	36	7.2	1.6	1,173
Ark	77	90	28.9	5.4	2,503	N.J	30	236	57.1	4.3	4,167
Calif	295	524	259.4	56.6	24,371	N. Mex	64	81	26.4	6.6	1,925
Colo	87	214	97.9	21.5	4,445	N.Y	74	408	156.6	33.3	6,272
Conn	15	91	16.3	1.9	1,439						
Del	3	32	4.7	1.3	633	N.C	80	191	77.3	17.5	4,193
						N. Dak	98	123	28.1	5.1	1,645
D.C	8	10	–	–	44	Ohio	129	457	70.5	11.7	7,143
Fla	126	332	162.6	42.2	9,815	Okla	131	161	55.5	9.2	3,359
Ga	122	161	118.3	16.4	3,540	Oreg	91	217	58.0	10.3	5,435
Hawaii	18	36	88.6	12.1	475	Pa	80	604	122.4	18.1	5,867
Idaho	127	67	24.2	4.3	2,123	R.I	8	12	8.8	3.8	330
Ill	96	795	128.6	12.6	7,269	S.C	63	64	27.7	6.2	1,611
Ind	72	253	76.2	17.8	4,198	S. Dak	75	78	29.9	4.6	1,372
Iowa	116	142	33.6	3.8	3,198						
						Tenn	77	78	63.5	8.5	3,113
Kans	126	248	37.0	6.8	3,973	Tex	305	1,027	237.3	33.3	15,231
Ky	57	55	45.2	8.1	1,812	Utah	58	42	38.6	5.1	1,544
La	74	217	81.1	15.6	3,744	Vt	20	41	5.7	1.3	519
Maine	48	112	17.6	2.9	1,200	Va	60	196	49.6	11.7	3,239
Md	23	121	27.5	3.9	2,556	Wash	120	245	68.1	12.7	6,296
Mass	32	105	41.4	8.0	2,854	W. Va	28	48	37.7	4.2	1,006
Mich	134	279	112.1	16.8	7,192	Wis	103	279	62.6	10.3	4,226
Minn	147	321	48.6	9.2	4,694	Wyo	42	55	29.3	6.1	1,026
Miss	77	88	37.6	6.0	2,503	Other areas[4]	29	24	92.2	32.0	521

– Represents zero. [1] Includes military airports with joint civil and military use, heliports, seaplane bases, etc. [2] Represents funds appropriated. Excludes contributions by State and local governments and by airport operators provided under various agreements. "Total" is cumulative since enactment of Airport Development Aid Program, July 1, 1970–Feb. 29, 1980. [3] Detail will not add to total due to estimation procedures. [4] Puerto Rico, American Samoa, Guam, Virgin Islands, Trust Teriitories of the Pacific Islands, and the No. Mariana Islands.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual.

No. 1159. Certificated Route Air Carriers—Service and Traffic: 1960 to 1979

[In millions, except as indicated]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979[1]
Revenue ton-miles, all services	**5,024**	**9,895**	**20,186**	**23,900**	**23,534**	**25,709**	**27,583**	**31,095**	**34,539**
Revenue ton-miles, scheduled	4,729	8,985	18,166	22,425	22,186	24,121	25,909	29,679	33,385
Passenger[2]	3,777	6,672	13,171	16,292	16,281	17,899	19,322	22,678	26,197
U.S. mail	241	483	1,470	1,151	1,097	1,114	1,147	1,168	1,206
Foreign mail	9	10	10	12	12	12	13	14	18
Express	59	90	107	81	29	22	41	56	56
Freight	643	1,730	3,408	4,890	4,766	5,074	5,385	5,763	5,908
Revenue ton-miles, charter[3]	296	909	2,020	1,475	1,348	1,588	1,674	1,416	1,154
Available ton-miles, all services	9,384	19,661	44,298	48,942	49,289	51,709	54,789	56,869	62,546
Ton-mile load factor (percent)	53.5	50.3	45.6	48.8	47.7	49.7	50.3	54.7	55.2
Scheduled services total:									
Revenue passengers enplaned, scheduled	62	103	170	207	205	223	240	275	317
Revenue passenger-miles (bil.)	39	69	132	163	163	179	193	237	262
Available seat-miles (bil.)	66	124	265	297	303	323	346	369	416
Passenger load factor (percent)	59.3	55.2	49.7	54.9	53.7	55.4	55.9	61.5	63.0
Revenue passenger-miles per gallon of fuel (number)	(NA)	(NA)	(NA)	19.5	19.5	20.7	21.2	23.8	25.0
Revenue plane-miles	998	1,354	2,418	2,258	2,241	2,320	2,419	2,520	2,788

NA Not available. [1] *Preliminary.* [2] A passenger ton-mile represents 1 ton of passenger weight, including free and excess baggage, transported 1 mile. [3] Passenger and cargo.

Source: Air Transport Association of America, Washington, D.C., *Air Transport Facts and Figures,* annual. Data from Civil Aeronautics Board.

No. 1160. Certificated Route Air Carriers—Summary: 1960 to 1979

[As of **Dec. 31** or for **calendar years,** except as noted. See text, p. 667. Operations between conterminous U.S. and Hawaii (through 1965), Puerto Rico, and outlying areas included with international. Intra-Alaska included with domestic carriers and Mainland Alaska with international, as follows: Number of operators and traffic data, fuel and financial data, and personnel data, 1960 and 1965. Beginning 1970, Alaska and Hawaii included in domestic. See also *Historical Statistics, Colonial Times to 1970*, Series Q 577-590 and Q 624-633]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Domestic operators [1]	39	40	33	30	29	30	30	30	33	46
International operators [1]	10	9	3	3	2	2	2	2	2	2
Total personnel employed (1,000)	163	207	291	312	305	292	303	314	335	364
Route miles in operation [2] (1,000)	250	248	377	395	373	371	371	(NA)	(NA)	(NA)
Domestic (1,000)	101	105	172	176	169	172	175	(NA)	(NA)	(NA)
International [3] (1,000)	148	143	206	214	204	199	196	(NA)	(NA)	(NA)
Aircraft in operation [4]	1,867	1,896	2,437	2,361	2,244	2,267	2,271	2,234	2,348	2,466
Fixed-wing	1,842	1,875	2,421	2,348	2,234	2,260	2,266	2,231	2,345	2,466
Turbojet	202	712	2,041	2,056	1,988	2,022	2,043	2,064	2,184	2,308
Two-engine	–	41	519	500	501	500	518	529	579	621
Three-engine	–	168	631	844	893	961	992	1,035	1,140	1,232
Four-engine	202	503	891	712	594	561	533	500	465	455
Turboprop	227	296	316	238	201	193	180	156	155	152
Piston	1,413	867	64	54	45	45	43	11	6	6
Helicopters	25	21	16	13	10	7	5	3	3	–
Average available seats: [5]										
Domestic	65.5	89.2	110.4	123.8	127.7	130.4	134.1	136.9	140.0	140.0
International	89.9	129.1	154.9	201.9	213.7	224.8	230.0	236.7	244.1	259.2
Avg./hr. speed (miles per hr):										
Domestic	235	314	350	404	402	403	406	408	409	407
International	307	451	482	481	481	482	484	487	489	493
Fuel consumed (mil. gal.): [6]										
Gasoline	1,189	519	14	11	7	6	6	(7)	(7)	(7)
Jet fuel:										
Domestic	988	3,368	7,783	8,236	7,416	7,558	7,911	8,339	8,621	9,322
International	343	1,282	2,302	2,435	2,130	1,949	1,921	1,957	1,913	2,309
Revenue-miles flown (all scheduled services) (mil.)	998	1,354	2,418	2,448	2,258	2,241	2,320	2,419	2,520	2,787
Domestic (mil.)	829	1,099	2,027	2,058	1,900	1,909	2,001	2,104	2,201	2,432
International (mil.)	168	255	391	390	358	332	319	315	319	355
Revenue passengers enplaned (mil.)	62	103	169	202	208	205	223	240	275	317
Domestic (mil.)	56	92	153	183	190	189	206	222	254	293
International (mil.)	6	11	16	19	18	16	17	18	21	24
Revenue passenger-miles flown (bil.):										
Domestic	30.6	51.9	104.1	126.3	129.7	131.7	145.3	156.6	187.8	208.6
International	8.3	16.8	27.6	35.6	33.2	31.1	33.7	36.6	49.1	53.1
Avg. passenger-mile rate (dollars):										
Domestic	.061	.061	.060	.066	.075	.077	.078	.084	.084	.096
International	.064	.053	.050	.053	.064	.072	.060	.071	.072	.088
Express and freight, ton-miles flown [8] (mil.)	579	1,540	2,908	3,692	3,760	3,590	3,855	4,109	5,818	5,962
Domestic	387	943	1,966	2,454	2,421	2,331	2,474	2,641	3,505	3,465
International	192	597	942	1,238	1,339	1,259	1,381	1,468	2,313	2,497
Mail, ton-miles flown (mil.): [6]										
Domestic	136	226	706	687	668	665	709	740	807	853
International	103	254	549	361	348	312	292	299	374	372
Accidents (sched. pass. serv.):										
Domestic, total	62	55	32	27	31	21	17	15	18	[9] 13
Fatal	[10] 10	6	1	4	3	2	1	2	4	[9] 4
Fatalities [11]	363	223	1	138	168	122	1	75	16	[9] 279
Passenger-fatalities per 100 million passenger miles flown [12]	.9	.4	–	.10	.115	.081	.001	.038	.007	.117
International, total	5	8	7	5	12	7	4	3	1	4
Fatal	2	1	1	2	4	–	1	–	–	1
Fatalities [11]	15	30	2	79	292	–	35	–	–	71
Passenger-fatalities per 100 million passenger miles flown	.1	.1	.007	.18	.513	–	.096	–	–	.105

– Represents zero. NA Not available. [1] Excludes all-cargo operators. [2] Not compiled for Intra-Alaska, weighted average. Prior to 1970, refers to passenger/cargo carriers only; thereafter, includes all-cargo carriers. [3] As of Dec. 31, based on fourth quarter. [4] Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1973, includes aircraft operated by the scheduled all-cargo carriers. [5] Passenger seat-miles divided by revenue-miles flown in passenger service. [6] Includes air cargo. [7] Included in "Jet fuel." [8] Excludes freight flown by certificated all-cargo operators and irregular carriers. [9] Preliminary. [10] Inlcudes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents). [11] Includes crew members. [12] Excludes passenger deaths in dynamite accidents (29 in 1960).

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Includes data from U.S. Civil Aeronautics Board and U.S. National Transportation Safety Board.

No. 1161. Airline Cost Indexes: 1968 to 1980

[Covers U.S. trunk and local service carriers. Excludes cargo carriers, Hawaiian carriers, or Alaskan carriers]

ITEM	INDEX (1967 = 100)							PERCENT OF CASH OPERATING EXPENSES [2]			
	1968	1970	1975	1977	1978	1979	1980 [1]	1968	1970	1975	1980 [1]
Composite	104.5	120.0	188.7	224.8	242.5	260.2	334.4	100.0	100.0	100.0	100.0
Labor	108.0	134.7	208.6	257.6	283.8	[3] 305.6	332.0	45.2	46.2	41.4	35.9
Capital [4]	105.5	119.8	133.4	135.9	152.5	155.8	188.5	4.0	4.3	2.9	2.9
Fuel	98.0	105.8	279.8	349.0	376.9	555.8	863.1	13.8	12.7	19.1	31.0
Passenger food	104.0	114.1	140.6	148.0	149.0	159.9	181.4	4.1	3.9	3.5	3.1
Advertising and promotion	99.8	96.3	97.1	102.0	97.9	102.3	120.4	3.2	2.7	1.9	1.5
Landing fees	118.6	139.8	232.0	273.2	273.6	309.5	332.2	2.2	2.3	2.4	1.7
Craft maintenance	90.3	75.5	99.9	114.9	114.5	115.7	128.4	4.2	3.3	2.9	2.2
Passenger traffic commissions	100.4	124.6	231.2	287.0	300.7	346.4	445.9	2.7	3.0	3.9	5.2
All other	104.5	115.6	161.0	179.6	192.2	209.3	226.5	20.6	21.6	22.0	16.5

[1] April-June. [2] Total operating expenses plus interest on long term debt, less depreciation and amortization. [3] Excludes carriers which experienced major strikes. [4] Beginning 1978, includes imputed interest for capitalized leases.

Source: Air Transport Association of America, *Air Transport, 1980,* and unpublished data.

No. 1162. Charter (Supplemental) Air Carriers—Summary: 1960 to 1979

[Previously known as the U.S. supplemental airlines, with certificated charter authority from the Civil Aeronautics Board, charter airlines, as a result of the 1978 Deregulation Act, have authority to engage in both charter and scheduled services. Includes international operations; see headnote, table 1160. Figures shown for military cover activities performed under charter or other contract with the Department of Defense]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total operators	Number	30	13	14	8	8	7	7	6	7
Revenue passenger-miles	Millions	2,208	2,489	10,289	10,865	8,746	8,199	9,983	9,999	8,956
Commercial	Millions	671	1,069	6,044	9,016	6,885	6,647	8,352	8,297	6,912
Military	Millions	1,537	1,420	4,245	1,849	1,861	1,552	1,631	1,702	2,044
Revenue cargo ton-miles	Millions	120	298	391	366	362	384	329	372	332
Commercial	Millions	5	49	77	100	115	159	136	163	184
Military	Millions	115	249	314	266	247	225	193	209	148
Operating revenues	Mil. dol	83.4	141.0	337.2	428.8	433.2	417.5	516.2	529.7	561.9
Operating expenses	Mil. dol	85.3	116.9	330.7	431.9	404.8	418.1	500.8	512.5	559.7

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual.

No. 1163. Charter Passengers, by Flag of Air Carrier and by Area of Travel: 1970 to 1979

[In thousands. Covers charter flights to, from, or within the U.S. 1970–1975 estimates derived by multiplying available seats by passenger load factors; thereafter, based on actual passengers]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total passengers	3,862	5,276	5,725	6,640	6,236	5,745	7,390	9,038	8,309	6,500
U.S.: Route carriers [1]	1,355	2,149	2,684	3,179	3,040	2,835	4,109	4,597	3,871	2,854
Charter (supplemental) carriers [2]	1,647	2,080	2,013	2,474	2,129	1,470	1,631	2,229	2,405	1,843
Foreign: Route carriers [1]	390	423	516	674	476	589	721	845	1,023	803
Charter (supplemental) carriers [2]	470	624	512	313	591	851	929	1,367	1,010	1,000
Domestic travelers	1,397	1,880	2,168	2,575	2,348	1,969	2,859	3,524	3,102	2,159
International travelers [3]	2,465	3,396	3,557	4,065	3,888	3,776	4,531	5,514	5,207	4,341
Transatlantic	1,816	2,425	2,495	2,786	2,366	2,321	2,716	3,539	2,821	1,908
Latin America [4]	444	640	789	816	806	684	1,001	1,130	1,416	1,287

[1] Covers charter service of scheduled airlines. See text, p. 667 for definition. [2] Covers charter service of charter airlines. See headnote, table 1162. [3] Includes other, not shown separately. [4] Includes Caribbean.

Source: National Air Carrier Association, Washington, D.C., *Annual Report.*

NO. 1164. AEROSPACE—SALES, NEW ORDERS, AND BACKLOG: 1970 TO 1979

[Reported by aerospace and aircraft engine manufacturers. See *Historical Statistics, Colonial Times to 1970,* series Q 573]

ITEM	TOTAL (bil. dol.)					PERCENT U.S. GOVERNMENT				
	1970	1975	1977	1978	1979, prel.	1970	1975	1977	1978	1979, prel.
Net sales	24.8	29.5	33.3	38.0	45.8	66.3	58.6	62.1	57.6	50.6
Complete aircraft and parts [1]	10.4	11.3	12.5	14.7	19.4	54.8	46.9	54.7	46.5	35.0
Aircraft engines and parts	3.1	3.4	3.9	4.6	5.1	61.5	47.0	51.7	40.9	40.8
Missiles and parts	5.4	6.3	5.8	(NA)	7.1	96.9	93.7	93.3	(NA)	91.5
Other products, services	5.9	8.5	11.2	[2]18.7	14.3	(X)	(X)	(X)	(X)	(X)
Net new orders	21.2	29.0	38.9	49.8	63.9	71.4	64.1	58.3	52.2	45.9
Backlog, Dec. 31	24.7	35.0	45.3	57.2	75.0	52.1	63.2	57.6	52.9	48.2

NA Not available. X Not applicable. [1] Except engines sold separately. [2] Includes missiles and parts.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MQ-37D.

NO. 1165. CIVIL AIRCRAFT SHIPMENTS: 1960 TO 1978

[Represents manufacturers' shipments of complete aircraft. Includes both domestic and export output]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total	**8,181**	**12,646**	**8,190**	**10,523**	**14,748**	**15,117**	**15,196**	**16,446**	**17,605**	**17,397**
Transports	238	221	311	230	295	263	314	238	180	225
General aviation	7,726	12,053	7,384	9,765	13,671	14,026	14,043	15,648	16,624	16,456
Single-engine:										
1- to 3-place	1,366	3,545	1,981	2,398	3,137	3,346	3,047	3,175	3,379	5,355
4-place and over	5,072	6,478	4,048	5,500	7,681	8,124	8,460	9,854	10,478	8,688
Multi-engine	1,288	2,030	1,352	1,867	2,853	2,556	2,536	2,619	2,767	2,413
Rotorcraft	217	372	496	528	782	828	839	560	801	716

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual. Includes data from U.S. Bureau of the Census, *Current Industrial Report.*

NO. 1166. EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES: 1960 TO 1979

[Annual averages of monthly figures. Covers aircraft and parts industries as defined by the Standard Industrial Classification Manual]

ITEM	Unit	1960	1965	1970	1972	1975	1976	1977	1978	1979
Employment, total	1,000	**674**	**619**	**690**	**501**	**514**	**465**	**482**	**526**	**605**
Aircraft	1,000	371	330	388	272	275	262	270	289	337
Aircraft engines and parts	1,000	171	188	180	139	139	132	121	133	148
Other aircraft parts and equipment	1,000	132	101	122	91	100	91	90	104	120
Avg. weekly earnings: Aircraft	Dol.	110	130	171	198	250	283	296	324	358
Aircraft engines and parts	Dol.	112	133	166	193	250	281	292	325	361
Avg. hourly earnings: Aircraft	Dol.	2.71	3.16	4.17	4.74	6.20	6.81	7.07	7.70	8.46
Aircraft engines and parts	Dol.	2.73	3.17	4.10	4.70	6.03	6.86	7.05	7.80	8.53

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 1167. AIRBORNE IMPORTS AND EXPORTS—SHIPPING WEIGHT AND VALUE: 1970 TO 1978

[Weight in millions of pounds, value in millions of dollars. Includes trade of Puerto Rico]

CONTINENT	IMPORTS						EXPORTS					
	Weight			Value			Weight			Value		
	1970	1975	1978	1970	1975	1978	1970	1975	1977	1970	1975	1978
All carriers [1]	**620**	**1,063**	**1,506**	**3,417**	**8,917**	**17,923**	**897**	**1,420**	**2,218**	**6,086**	**14,554**	**26,668**
North America	86	141	224	316	775	1,380	225	293	440	795	1,552	2,777
South America	43	118	152	98	412	749	96	196	338	412	1,225	2,116
Europe	354	413	599	2,089	4,266	7,731	429	592	849	3,459	7,432	12,825
Asia	131	377	507	859	3,026	6,783	108	246	449	1,056	3,445	6,771
Other	7	13	22	76	436	1,279	35	79	114	364	900	1,406
U.S. carriers [1]	**288**	**456**	**614**	**1,667**	**3,860**	**6,138**	**321**	**480**	**805**	**2,215**	**5,481**	**8,991**
North America	39	51	98	140	329	578	92	110	203	367	711	1,435
South America	18	46	35	51	152	227	33	61	129	119	346	697
Europe	149	169	217	907	1,941	2,557	146	195	243	1,210	2,377	3,567
Asia	81	187	255	542	1,352	2,702	44	87	183	459	1,291	2,351
Other	2	4	8	28	86	74	7	20	40	59	246	467

[1] Includes shipments of special category, not shown separately by continent.

Source: U.S. Bureau of the Census, *United States Airborne Exports and General Imports,* FT 986, annual.

No. 1168. Exports of U.S. Aerospace Products: 1970 to 1979

Product	Number of units				Value (mil. dol.)			
	1970	1975	1978	1979	1970	1975	1978	1979
Total	(x)	(x)	(x)	(x)	3,191	7,456	6,807	8,040
Civilian:								
Complete aircraft	2,902	4,371	4,399	5,115	1,527	3,169	3,616	6,177
Transports	180	186	111	201	1,272	2,368	2,549	5,015
General aviation [1]	2,029	3,268	3,471	3,878	111	307	495	651
Helicopters	332	336	368	459	27	105	156	207
Other, incl. used	361	581	449	577	117	389	416	305
Engines	3,811	4,678	4,719	4,917	118	232	277	375
Turbines	649	876	988	996	99	187	231	323
Military:								
Complete aircraft	634	942	589	332	467	1,303	2,219	818
Transports	81	51	25	17	82	235	232	162
Helicopters	67	116	108	65	23	123	81	61
Fighters, bombers	217	469	286	133	331	902	1,707	494
Other [2]	269	306	170	117	31	43	199	101
Engines	611	873	517	504	33	92	61	67
Civilian and military:								
Parts [3]	(x)	(x)	(x)	(x)	1,027	2,610	273	279
Rockets, *guided missiles*	65,001	112,908	210,198	74,942	8	47	334	291
Missiles and rocket engines	39,615	7,400	16,081	1,731	11	3	27	31

X Not applicable. [1] Includes transports under *33,000 pounds.* [2] Includes trainers, general aviation, and used aircraft. [3] Parts of engines, turbines, airframes, rockets, and missiles.

Source: U.S. Bureau of the Census, *United States Exports—Commodity by Country,* FT 410, annual.

No. 1169. U.S. Receipts and Payments for International Transportation: 1960 to 1979

(In *millions of dollars.* Data are international transportation transactions recorded for balance of payment purposes (see table 1522). Receipts include freight on exports carried by U.S.-operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers *is excluded since* such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (−) *denotes excess* of payments over receipts. See *Historical Statistics, Colonial Times to 1970,* series U 3 and U 10, for totals]

Item	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Total receipts	1,782	2,446	3,669	5,440	6,801	6,879	7,976	8,630	9,908	11,949
Ocean transportation [2]	1,337	1,731	2,256	3,162	4,045	4,065	4,804	5,080	5,850	6,828
Export freight earnings	428	519	604	815	1,171	1,183	1,373	1,237	1,432	1,729
Freight earnings on shipments between foreign countries	136	153	209	221	307	328	353	395	412	480
Port expenditures	746	1,041	1,406	2,059	2,485	2,481	3,067	3,413	3,963	4,557
Charter hire	8	9	37	67	82	73	11	35	43	62
Air transportation	358	591	1,240	2,041	2,491	2,515	2,837	3,190	3,683	4,677
Export freight earnings	55	91	187	276	360	390	390	427	497	572
Passenger fares	156	262	541	975	1,104	1,039	1,229	1,365	1,603	2,156
Port expenditures	147	238	512	790	1,027	1,086	1,218	1,398	1,582	1,949
Other transportation	87	124	173	237	265	299	335	360	376	444
Total payments	1,915	2,668	4,058	6,483	8,037	7,971	9,420	10,622	11,808	13,566
Ocean transportation	1,333	1,803	2,380	3,925	4,803	4,465	5,448	6,178	6,991	7,905
Import freight payments	780	1,083	1,444	2,778	3,365	3,047	3,963	4,622	5,325	6,014
Passenger fares	212	207	245	285	259	278	270	261	252	258
Port expenditures	167	281	316	469	735	755	871	943	1,041	1,203
Charter hire	174	232	375	393	444	385	344	352	373	430
Air transportation	504	775	1,581	2,420	3,083	3,346	3,761	4,206	4,572	5,367
Import freight payments	22	40	115	192	219	246	301	362	420	455
Passenger fares	301	510	970	1,505	1,836	1,985	2,298	2,487	2,644	2,842
Port expenditures	181	225	496	723	1,028	1,115	1,161	1,357	1,508	2,070
Other transportation	78	90	97	138	151	160	212	238	245	294
Receipts balance	−133	−222	−389	−1,043	−1,236	−1,092	−1,444	−1,992	−1,900	−1,617

[1] Preliminary. [2] Through 1965, includes small amount for passenger fares, not shown separately.

Source: U.S. Bureau of Economic Analysis, quarterly in *Survey of Current Business.*

No. 1170. Exports and Imports, by Method of Transport: 1960 to 1979

[Export data include both domestic and foreign; import data for general imports only. For details, see source]

ITEM	Unit	EXPORTS						IMPORTS					
		1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
All methods [1]	Bil. dol.	20.6	27.5	43.2	107.6	143.7	181.8	14.7	21.4	40.0	96.9	172.0	206.3
Vessel	Bil. dol.	13.1	16.9	24.6	63.4	79.4	99.6	11.1	14.9	24.8	63.5	115.5	140.2
Air	Bil. dol.	(NA)	2.3	6.1	15.2	26.7	37.3	(NA)	1.3	3.4	8.9	17.9	22.0
Shipping weight:													
Vessel	Bil. lb	248.5	343.5	480.5	536.5	599.0	714.7	398.1	511.5	598.4	855.3	189.0	195.9
Air	Bil. lb	(NA)	.5	.9	1.4	2.2	2.2	(NA)	.2	.6	1.1	1.5	1.4

NA Not available. [1] Includes types other than vessel and air.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1171. Waterborne Commerce—Cargo Tonnage: 1950 to 1978

[**In millions of short tons.** Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 1177 and 1178 due to minor differences in basic concepts which are explained in the source. See also *Historical Statistics, Colonial Times to 1970*, series Q 530-541]

CLASS	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Net total	**821**	**1,016**	**1,100**	**1,273**	**1,532**	**1,747**	**1,695**	**1,835**	**1,908**	**2,021**
Domestic commerce [1]	**651**	**745**	**761**	**829**	**951**	**983**	**946**	**979**	**973**	**1,075**
Coastwise, between ports	183	196	209	202	238	233	232	236	248	305
Great Lakes, between ports	170	185	155	154	157	146	129	132	109	143
Between—										
Seaports, Great Lakes ports, and inland waterway ports	107	113	104	103	81	88	78	84	83	90
Ports and river ports [2]	192	252	292	371	474	515	507	527	532	538
Foreign commerce	**169**	**271**	**339**	**444**	**581**	**764**	**749**	**856**	**935**	**946**
Imports, through seaports	96	144	198	245	313	474	455	540	625	616
Imports, Great Lakes ports	6	9	13	25	26	23	21	31	33	27
Exports, through seaports	44	95	105	142	206	239	237	251	241	259
Exports, Great Lakes ports	24	23	23	32	36	28	35	35	36	44

[1] Includes traffic among ports of outlying areas. [2] Represents traffic mainly utilizing inland waterways.

No. 1172. Freight Carried on Inland Waterways, by System: 1950 to 1978

[**In billions of ton-miles.** Excludes Alaska and Hawaii, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total	**163.3**	**216.5**	**220.3**	**262.4**	**318.6**	**358.2**	**354.9**	**342.2**	**372.9**	**368.3**	**409.3**
Atlantic coast waterways	6.5	27.0	28.6	27.8	28.6	34.2	35.4	31.8	32.1	30.4	30.5
Gulf coast waterways	1.2	13.9	16.9	21.8	28.6	32.3	33.5	30.8	34.3	37.6	37.1
Pacific coast waterways [1]	1.7	4.7	6.0	6.6	8.4	10.5	10.3	9.7	11.3	12.8	13.6
Mississippi River system [2]	33.6	52.0	69.3	96.6	138.5	155.3	168.3	170.7	189.5	196.9	209.3
Great Lakes System [3]	120.3	118.9	99.5	109.6	114.5	125.9	107.5	99.2	105.6	90.7	118.9

[1] Beginning 1960, includes Alaskan waterways [2] Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers. [3] Does not include traffic between foreign ports.

Source of tables 1171 and 1172: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1173. Federal Expenditures for Civil Functions of the Corps of Engineers, United States Army: 1950 to 1979

[**In millions of dollars.** Through **1976**, for years ending **June 30**; beginning **1977**, years ending **Sept. 30.** Includes Puerto Rico and other U.S. outlying areas. Represents funds expended for maintenance and improvement of rivers and harbors, flood control, etc. See also *Historical Statistics, Colonial Times to 1970*, series Q 558]

YEAR	TOTAL	RIVERS AND HARBORS	YEAR	TOTAL	RIVERS AND HARBORS	YEAR	TOTAL	RIVERS AND HARBORS
1950	635	190	1972	1,535	1,522	1976	2,266	2,080
1955	512	456	1973	1,737	1,614	1977	2,560	2,244
1960	869	801	1974	1,936	1,859	1978	2,805	2,479
1965	1,211	1,093	1975	2,199	2,121	1979	3,012	2,638
1970	1,186	1,051						

Source: U.S. Corps of Engineers, *Performance Measurement Systems*, annual.

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No. 1174. Freight Carried on Mississippi River System: 1950 to 1978

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

ITEM	Unit	1950	1955	1960	1965	1970	1973	1974	1875	1976	1977	1978
Total	**Mil. sh. tons**	**138**	**194**	**234**	**302**	**391**	**420**	**443**	**453**	**498**	**537**	**553**
Inland	Mil. sh. tons	115	164	188	238	297	318	330	330	346	352	355
Coastwise	Mil. sh. tons	14	16	22	28	44	28	28	30	28	30	32
Foreign:												
Imports	*Mil. sh. tons*	4	' 6	11	13	17	27	37	46	67	96	99
Exports	Mil. sh. tons	5	8	13	23	34	47	47	48	60	60	67
Total	**Bil. ton-miles**	**33.6**	**52.0**	**69.3**	**96.6**	**138.5**	**155.3**	**168.2**	**170.7**	**189.5**	**196.8**	[1] **209.3**
Inland	Bil. ton-miles	30.3	47.4	62.4	87.4	125.9	139.8	150.9	151.3	164.8	166.9	176.5
Coastwise	*Bil. ton-miles*	2.1	2.5	3.2	3.6	4.9	4.2	4.2	4.5	4.1	4.8	5.4
Foreign:												
Imports	Bil. ton-miles	.6	1.0	1.8	2.3	2.8	4.7	6.5	8.0	11.7	16.2	16.8
Exports	Bil. ton-miles	.6	1.1	1.9	3.3	4.9	6.6	6.6	6.9	8.8	8.8	10.1

[1] Total reflects adjustment not available by type of traffic.

No. 1175. U.S. Freight Carried on Great Lakes System: 1950 to 1978

[In billions of ton-miles]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total	**111.7**	**118.8**	**99.5**	**109.6**	**114.5**	**125.9**	**107.5**	**99.2**	**105.6**	**90.7**	**118.9**
Domestic	100.1	104.9	80.6	76.7	80.1	84.5	79.7	69.2	71.3	53.0	76.8
Lakewise	*99.6*	104.1	79.7	75.9	79.4	83.8	78.9	68.5	70.7	52.4	76.3
Internal	.3	.6	.7	.7	.6	.6	.6	.6	.5	.4	.4
Local [1]	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1
Foreign	11.6	13.9	18.9	32.9	34.3	41.4	27.8	29.9	34.3	37.7	42.1
Canadian	11.4	13.4	13.8	23.5	23.8	26.2	19.4	20.7	23.7	23.1	23.1
Overseas	.2	.5	5.1	9.4	10.5	15.2	8.4	9.3	10.7	14.7	19.0

[1] Includes coastwise traffic.

No. 1176. Domestic and Foreign Waterborne Commerce, by Type of Commodity: 1970 to 1978

[In millions of short tons. Domestic trade includes all commercial movements between U.S. ports and on inland rivers, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. *See also headnote, table 1171*]

COMMODITY	1970		1977		1978			
	Total	Domestic	Total	Domestic	Total	Domestic	Foreign	
							Imports	Exports
Net total	**1,531.7**	**950.7**	**1,908.2**	**973.0**	**2,021.3**	**1,075.3**	**643.2**	**302.9**
Petroleum products [1]	394.7	287.3	453.7	364.5	463.7	360.2	90.6	12.9
Gasoline	*89.3*	*88.7*	*98.5*	*94.9*	*101.2*	*94.7*	*6.2*	*.2*
Distillate fuel oil	78.8	76.3	97.5	90.0	87.6	83.8	3.7	.1
Residual fuel oil	170.5	78.8	202.5	134.0	201.3	136.0	64.5	.8
Crude petroleum	210.5	116.3	488.7	84.8	533.4	146.0	387.2	.1
Coal and lignite	225.4	154.1	212.0	156.3	185.9	143.8	1.9	40.3
Nonmetallic minerals [1 2]	166.6	132.6	159.0	115.0	174.9	129.9	23.3	21.7
Sand and gravel [3]	78.4	73.9	63.3	59.0	76.2	71.5	3.5	1.3
Limestone	42.0	34.1	39.1	28.7	41.6	30.9	7.6	3.1
Phosphate rock	16.6	5.8	23.9	9.6	23.2	9.0	1.1	13.1
Iron ore and concentrates	129.3	75.2	92.3	50.0	119.9	80.9	34.4	4.7
Farm products [1]	90.4	28.5	158.1	49.4	188.9	54.0	5.3	129.6
Corn	27.2	11.7	67.8	23.6	80.8	25.9	(Z)	54.9
Wheat	25.0	5.8	38.1	11.8	49.3	11.8	(Z)	37.5
Soybeans	21.2	8.3	29.5	11.7	37.3	14.3	(Z)	23.1
Chemicals and allied products	62.0	39.7	77.8	46.1	81.3	47.4	8.6	25.3
Food and kindred products	35.0	11.0	44.3	15.7	47.0	17.1	11.2	18.7
Lumber and wood products [4]	49.9	27.3	52.6	23.2	53.0	23.9	6.3	22.9
Primary metal products	42.4	10.8	50.2	9.1	34.4	10.0	21.9	2.4
Waste and scrap	25.9	16.0	21.8	14.3	29.1	18.9	.5	9.6
Other	99.7	51.9	97.9	44.5	109.8	43.2	52.0	14.7

Z Less than 50,000 tons. [1] *Includes categories not shown separately.* [2] Excludes fuels. [3] Includes crushed rock. [4] Excludes furniture.

Source of tables 1174-1176: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1177. Waterborne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel: 1960 to 1978

[**In millions of short tons, except percent.** Excludes commodities classified for security reasons as "Special Category" and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 524-529]

ITEM	DRY CARGO							TANKER CARGO						
	1960	1965	1970	1975	1976	1977	1978	1960	1965	1970	1975	1976	1977	1978
Total trade	202	274	358	387	405	406	439	120	153	181	311	386	481	454
Percent by U.S. flag	15.2	9.3	6.4	5.5	6.0	6.1	5.6	7.5	5.9	4.2	5.2	4.3	3.7	3.1
Imports, total	95	123	138	137	149	152	168	104	132	161	291	369	461	425
U.S. flag	13.8	10.4	9.9	10.0	11.2	12.3	12.1	5.8	5.2	5.5	13.1	13.1	15.2	13.3
Foreign flag	81	113	128	127	137	139	156	98	127	156	278	356	446	411
Exports, total	108	151	220	250	256	254	271	16	21	20	20	21	20	29
U.S. flag	17.0	15.2	12.9	11.4	13.1	12.3	12.3	3.2	3.8	2.0	3.1	3.7	2.7	1.0
Foreign flag	91	135	207	238	243	242	259	13	17	18	16	18	18	28

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports,* FT 985, annual; and unpublished data.

No. 1178. Waterborne Imports and Exports—Cargo Tonnage and Value, by Coastal District: 1960 to 1979

[Includes commodities classified for security reasons as "Special Category" and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

DISTRICT	CARGO TONNAGE (mil. sh. tons)							VALUE (bil. dol.)						
	1960	1965	1970	1975	1977	1978	1979	1960	1965	1970	1975	1977	1978	1979
Imports:														
Atlantic	135	164	219	232	243	229	220	7.8	9.7	15.0	34.7	47.0	54.4	62.1
Gulf	27	37	47	134	259	280	296	1.3	1.8	2.9	14.3	28.0	31.1	43.8
Pacific	23	27	31	64	91	67	62	1.6	2.4	5.5	15.2	27.4	30.4	36.6
Great Lakes	13	25	26	22	33	27	25	.5	1.0	1.3	1.7	3.3	2.9	2.9
Exports:														
Atlantic	45	55	79	80	67	62	91	7.0	8.4	11.9	28.7	29.7	33.8	42.1
Gulf	37	59	78	106	122	136	149	3.7	5.0	6.9	21.4	22.6	26.6	33.4
Pacific	19	26	48	49	50	59	70	1.8	2.4	4.1	10.0	11.7	14.5	19.5
Great Lakes	23	32	36	35	36	44	49	.7	1.2	1.4	2.8	3.1	4.2	4.6

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports,* FT 985, annual.

No. 1179. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Flag of Carrier Vessel: 1961 to 1979

[**In millions of net tons, except percent.** Includes Puerto Rico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also *Historical Statistics, Colonial Times to 1970*, series Q 507-517]

YEARLY AVERAGE OR YEAR	ALL PORTS					SEAPORTS					
	Number of vessels	Tonnage, all vessels				Tonnage, all vessels			Tonnage, with cargo		
		Total	U.S.	Percent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign
ENTERED:											
1961-1965	49,670	188	33	17.9	155	166	30	136	128	19	109
1966-1970	53,459	232	29	12.5	203	206	27	180	157	18	139
1971-1975	53,760	319	30	9.5	290	292	28	264	220	24	196
1970	53,293	254	26	10.3	228	227	24	202	171	19	152
1975	51,443	355	32	9.9	323	326	30	297	240	26	215
1977	55,750	440	34	7.8	406	407	31	376	318	26	292
1978	51,800	457	37	8.1	420	423	34	389	329	29	300
1979	53,288	499	45	9.0	454	462	42	420	343	33	310
CLEARED:											
1961-1965	48,098	189	34	17.9	155	168	30	137	96	20	76
1966-1970	52,415	232	30	12.8	202	206	27	179	122	23	99
1971-1975	53,039	324	31	9.9	293	296	29	267	149	21	127
1970	52,195	253	27	10.6	226	226	25	201	132	20	112
1975	51,017	363	34	10.3	329	334	31	303	168	23	144
1977	54,566	430	34	8.0	395	397	31	366	178	22	156
1978	50,993	447	34	7.7	413	412	31	381	191	22	169
1979	52,642	497	48	9.7	449	459	44	415	223	28	195

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1180. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Customs Districts: 1965 to 1979

[**In millions of net tons.** Excludes domestic trade. *Virgin Islands included* in South Atlantic Coast and beginning 1970, Puerto Rico in South Atlantic Coast, Hawaii in South Pacific Coast, Alaska in North Pacific Coast]

Customs district	Vessels entered						Vessels cleared					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
North Atlantic Coast	88.6	102.1	114.2	113.7	112.8	118.2	89.7	99.9	116.6	113.2	112.4	119.9
With cargo	76.5	85.4	92.3	94.9	97.3	95.2	37.8	43.7	50.6	44.1	41.6	50.7
South Atlantic Coast	23.1	36.1	48.0	57.3	62.1	66.6	22.9	31.3	46.0	56.2	58.3	62.2
With cargo	18.4	27.1	33.8	40.2	41.9	45.6	10.9	11.9	14.3	17.6	19.2	21.6
Gulf Coast	37.6	36.1	89.1	145.7	161.5	182.1	36.3	42.8	96.1	139.0	155.1	179.0
With cargo	18.5	23.0	60.8	115.0	128.5	141.7	29.0	36.8	54.2	62.9	71.2	78.3
South Pacific Coast	21.5	27.5	38.4	49.0	44.0	47.6	21.8	27.7	41.2	47.2	43.6	44.7
With cargo	17.7	21.8	32.4	42.8	36.9	36.5	16.1	20.9	24.0	25.3	27.7	30.2
North Pacific Coast	13.0	24.9	36.8	41.5	41.9	47.8	12.8	24.3	33.8	40.9	42.6	53.6
With cargo	7.9	13.6	21.1	24.9	23.8	24.4	9.8	19.0	24.5	28.2	30.7	42.1
Great Lakes	25.3	27.5	28.8	32.9	34.3	36.3	25.2	27.2	29.4	33.3	34.5	36.9
With cargo	14.5	15.2	14.0	20.5	17.6	17.1	18.6	20.2	21.2	21.6	24.5	26.8

Source: U.S. Bureau of the Census, 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1181. Traffic Through the Panama Canal: 1960 to 1979

[Through **1976,** for years ending **June 30;** beginning **1977,** ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series Q 553-555]

Year	All traffic		Commercial ocean traffic[1]				Nationality of vessel	Commercial ocean traffic,[1] 1979			
	Transits (1,000)	Cargo (mil. lg. tons)	Transits (1,000)	Net tons (mil.)	Tolls (mil. dol.)	Cargo (mil. lg. tons)		Transits	Net tons (mil.)	Tolls (mil. dol.)	Cargo (mil. lg. tons)
1960	12.1	60.4	10.8	58.3	50.9	59.3	U.S	1,633	28.2	33.8	24.8
1965	12.9	78.9	11.8	74.7	65.4	76.6	Great Britain	967	12.3	15.5	10.8
1970	15.5	118.9	13.7	108.1	94.7	114.3	Greece	1,336	17.0	21.1	21.6
1974	15.3	149.7	14.0	135.7	119.4	147.9	Japan	1,074	15.4	19.2	10.2
1975	14.7	140.6	13.6	135.1	141.9	140.1	Liberia	1,864	30.2	37.8	33.5
1976	13.2	117.4	12.2	127.8	134.2	117.2	Norway	401	7.4	9.4	6.7
1977	13.1	123.2	11.9	133.4	163.8	123.0	Panama	1,145	11.2	13.8	9.3
1978	13.8	142.8	12.7	157.0	194.8	142.5	U.S.S.R.	587	3.3	4.1	2.2
1979	14.4	154.5	12.9	167.5	208.4	154.1	All others	3,926	42.3	53.7	35.0

[1] *Oceangoing toll-paying* vessels and foreign vessels of 300 net tons and over (Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage.

Source: Panama Canal Commission, Balboa Heights, Panama, *Annual Report.*

No. 1182. U.S. Merchant Marine Documented Vessels: 1950 to 1979

[**Tons in thousands, vessels of 5 net tons or more.** As of **Jan. 1.** Includes Puerto Rico, Guam, and Virgin Islands. Includes barges and non-self-propelled dredges. See also *Historical Statistics, Colonial Times to 1970,* series Q 417-418]

Year	Number	Gross tons	Year	Number	Gross tons	Year	Number	Gross tons	Year	Number	Gross tons
1950	36,083	31,215	1968	49,545	27,842	1972	52,355	27,057	1976	63,754	31,893
1955	39,242	29,958	1969	49,991	28,591	1973	54,436	27,406	1977	65,971	33,152
1960	*43,088*	*28,581*	1970	49,993	28,613	1974	57,928	29,375	1978	68,826	35,094
1965	45,579	26,516	1971	50,750	27,400	1975	60,940	30,399	1979	72,341	37,023

Source: 1950-1965, U.S. Bureau of Customs; thereafter, U.S. Coast Guard; unpublished data.

No. 1183. Domestic Merchant Vessels Completed by U.S. Shipyards: 1960 to 1979

[**Vessels of 1,000 gross tons and over.** See also *Historical Statistics, Colonial Times to 1970,* series Q 438-448]

Item	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Merchant vessels	Number	26	13	13	13	24	20	15	16	17	14	15
Gross tons	1,000	410	173	342	357	734	697	452	615	884	912	1,149
Cargo	Number	15	11	6	7	18	11	3	4	2	2	4
Gross tons	1,000	134	121	120	151	419	314	65	57	25	27	53
Tankers	Number	11	2	7	6	6	9	12	12	15	12	11
Gross tons	1,000	276	52	222	206	315	383	387	558	859	885	1,096

Source: 1960, American Bureau of Shipping, New York, N.Y., annually in *The Bulletin;* thereafter, U.S. Maritime Administration, *New Ship Construction,* annual.

No. 1184. United States Flag Merchant Vessels, Steam and Motor: 1965 to 1979

[**Deadweight tonnage in thousands.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Covers oceangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing trawlers, and vessels employed on Great Lakes. See also *Historical Statistics, Colonial Times to 1970,* series Q 487-502]

ITEM	CARGO [1]						TANKER					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Number of vessels	**2,076**	**1,479**	**612**	**566**	**552**	**566**	**349**	**301**	**279**	**275**	**289**	**305**
Active:												
Foreign trade	458	354	228	240	204	204	54	32	39	41	62	72
Domestic trade [2]	93	70	49	44	46	40	124	175	156	170	175	168
Coastwise	13	10	17	8	6	8	105	132	136	117	118	114
Noncontiguous	58	43	29	36	40	31	14	35	12	38	41	40
Special service	29	146	34	41	43	45	21	42	26	28	24	23
Inactive:												
Temporarily	118	41	38	12	47	36	82	22	31	24	16	22
Reserve fleet	1,378	868	263	229	212	241	68	30	27	12	12	20
Tons carried	**21,119**	**15,445**	**8,175**	**7,850**	**7,807**	**7,844**	**7,636**	**7,835**	**9,433**	**11,618**	**13,446**	**15,153**
Active:												
Foreign trade	5,402	4,699	3,901	4,336	3,829	3,886	1,475	1,076	2,303	2,481	4,655	6,223
Domestic trade [2]	1,061	850	832	646	685	597	2,892	4,518	4,855	6,796	7,036	7,032
Coastwise	142	116	354	137	111	120	2,525	3,483	4,299	3,794	3,428	3,353
Noncontiguous	627	482	424	509	574	468	242	870	339	2,601	3,091	3,239
Special service	375	1,741	459	500	530	565	618	1,189	755	783	914	645
Inactive:												
Temporarily	1,369	472	541	174	733	499	1,735	691	1,173	1,394	677	952
Reserve fleet	12,914	7,684	2,442	2,194	2,030	2,297	916	361	347	164	164	301

[1] Includes combination passenger and cargo vessels, not shown separately. [2] Includes intercoastal, not shown separately.

Source: U.S Maritime Administration, *Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over,* annual.

No. 1185. Shipbuilding in Private Shipyards—Summary: 1970 to 1979

[**Steel self-propelled vessels of 1,000 tons or over.** See also *Historical Statistics, Colonial Times to 1970,* series Q 449-458]

TYPE OF VESSEL AND STATUS OF CONSTRUCTION	NUMBER						TONS (1,000)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Commercial (gross tons):												
Under construction [1]	49	96	79	72	60	70	1,388	5,064	4,674	4,238	3,467	2,635
Contracted for	13	14	16	13	30	21	580	599	339	266	394	487
Launched	11	18	25	19	22	20	322	759	1,142	988	1,170	720
Delivered	13	19	22	25	19	21	370	469	755	1,036	1,027	1,298
Cancelled	(NA)	12	1	-	1	1	(NA)	545	21	-	199	8
Naval (light displacement tons):												
Under construction [1]	108	63	76	88	91	102	621	663	690	712	652	677
Contracted for	6	16	20	15	25	13	132	106	91	89	119	61
Launched	23	8	9	12	19	25	117	110	48	91	127	142
Delivered	32	3	8	12	14	16	166	79	70	148	95	108

- Represents zero. NA Not available. [1] As of Jan. 1.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report,* and unpublished data.

No. 1186. Vessels Repaired or Converted in Private Shipyards: 1960 to 1979

[Covers both shipbuilding and ship repair yards. See also *Historical Statistics, Colonial Times to 1970,* series Q 467-472]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
All vessels: Volume	Mil. dol	396	718	790	916	1,246	1,242	1,359	1,497	[2] 1,671	[2] 1,670
Commercial ships [3]	Mil. dol	274	383	431	523	713	688	715	756	[2] 780	[2] 800
Naval ships	Mil. dol	122	335	359	393	533	554	644	741	[2] 891	[2] 870
Over 1,000 gross tons:											
Yards reporting	Number	93	93	75	72	65	72	70	70	65	(NA)
Commercial vessels	1,000	12.8	12.7	12.4	8.8	8.5	7.9	8.0	8.2	8.2	(NA)

NA Not available. [1] Preliminary. [2] Estimated. [3] Includes Military Sealift Command work.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report,* and unpublished data.

NO. 1187. EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS: 1960 TO 1979

[**In thousands.** Annual average employment in establishments *primarily engaged* in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft]

YEAR	Total	Private yards [1]	Navy yards	YEAR	Total	Private yards [1]	Navy yards	YEAR	Total	Private yards [1]	Navy yards
1960	208	112	96	1972	216	146	70	1976	233	168	65
1965	213	129	84	1973	214	149	65	1977	242	174	68
1970	216	134	83	1974	225	161	64	1978	240	169	71
1971	210	135	76	1975	217	154	65	1979	233	162	71

[1] Includes all full- and part-time employees.

Source: U.S. Bureau of Labor Statistics, unpublished data. (Current data for private yards published monthly in *Employment and Earnings.*)

NO. 1188. EMPLOYMENT ON U.S. FLAG MERCHANT VESSELS, 1960 TO 1979, AND BASIC MONTHLY (JANUARY) WAGE SCALE FOR ABLEBODIED SEAMEN, 1970 TO 1980

[**Employment in thousands.** See also *Historical Statistics, Colonial Times to 1970,* series Q 414-416]

YEAR	Employment [1]	YEAR	Employment [1]	YEAR	East coast wage rate [3]	West coast wage rate [3]	YEAR	East coast wage rate [3]	West coast wage rate [3]
1960	49.2	1976	21.2	1970	$470	$652	1977	$737	$1,072
1965	[2] 39.1	1977	20.9	1974	583	856	1978	804	1,172
1970	37.6	1978	19.9	1975	612	900	1979	865	1,287
1975	20.5	1979	19.7	1976	688	1,001	1980	967	1,414

[1] As of *June 30,* except beginning 1977, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. [2] Decrease due to seafaring strike. [3] Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, 1960-1965, *Seafaring Wage Rates;* thereafter, unpublished data.

NO. 1189. MERCHANT VESSELS—SHIPS AND TONNAGE LOST, BY TYPE OF SHIP: 1976 TO 1978

TYPE OF SHIP	SHIPS LOST				GROSS TONNAGE LOST (1,000)			
	1976	1977	1978		1976	1977	1978	
			Total	Percent of total			Total	Percent of total
Total [1]	**345**	**336**	**473**	**100.0**	**1,156**	**1,073**	**1,711**	**100.0**
Tankers	32	19	28	5.9	558	373	703	41.1
Ore/bulk carriers	8	8	13	2.7	123	82	186	10.9
General cargo	185	194	286	60.5	361	412	756	44.2
Passenger [2]	6	2	2	.4	48	10	3	.2
Fishing	82	82	99	20.9	25	26	27	1.6

[1] Includes types not shown separately. [2] Includes cargo-passenger ships.

Source: Lloyd's Register of Shipping, London, England, *Casualty Return,* annual.

NO. 1190. WORLDWIDE TANKER CASUALTIES, 1973 TO 1980, AND BY FLAG, 1978

[Covers tankers, ore/oil carriers, and bulk/oil vessels of 6,000 deadweight tons and over; excludes liquid gas carriers. Based on data from "Lloyd's List" published by Lloyd's of London. "Casualties" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	1973	1975	1977	1979	1980 [1]
Property loss: [2]					
Partial and total	1,273	906	834	772	338
Total	12	22	20	26	11
Personnel loss: Deaths	70	90	113	306	71
Injuries	159	14	102	135	9
Oil spills:					
Number	36	45	49	65	15
Amount (1,000 tons)	84.5	166.0	213.1	723.5	124.0

FLAG OF REGISTRY (1978)	Vessels (Jan. 1, 1978)	Casualties, 1978
Total, 66 nations	**4,137**	**685**
American	302	76
British	334	87
Greek	350	96
Japanese	264	12
Liberian	968	187
Norwegian	281	18
Russian	216	8
Other nations	1,422	201

[1] Jan.-June. [2] Includes actual and constructive (cost to repair damage exceeds value of vessel) total losses.

Source: Tanker Advisory Center, Inc., New York, N.Y., "Worldwide Tanker Casualty Returns," quarterly.

No. 1191. Merchant Vessels—World and United States: 1960 to 1979

[**Vessels of 100 gross tons and over.** Excludes sailing ships, nonpropelled craft, and all ships built of wood. See also *Historical Statistics, Colonial Times to 1970*, series Q 473-480]

YEAR	WORLD: COMPLETED		WORLD: OWNED		U.S.: COMPLETED		U.S.: OWNED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1960	2,005	8,382	34,056	129,339	49	379	3,845	24,781
1965	2,202	11,763	39,628	159,979	116	218	3,224	21,478
1970	2,814	20,980	50,472	227,138	156	375	2,822	18,423
1975	2,730	34,202	61,501	341,780	127	476	3,801	14,491
1976	2,723	33,922	63,611	371,612	143	815	4,035	14,810
1977	2,796	27,532	67,945	393,678	129	1,012	4,740	15,300
1978	2,618	18,194	69,020	406,002	151	1,033	4,746	16,188
1979	2,466	14,289	71,129	413,021	182	1,352	5,088	17,542

Source: Lloyd's Register of Shipping, London, England, *Statistical Tables*, annual; and *Annual Summary of Merchant Ships Completed in the World.*

No. 1192. Merchant Fleets of the World: 1970 to 1978

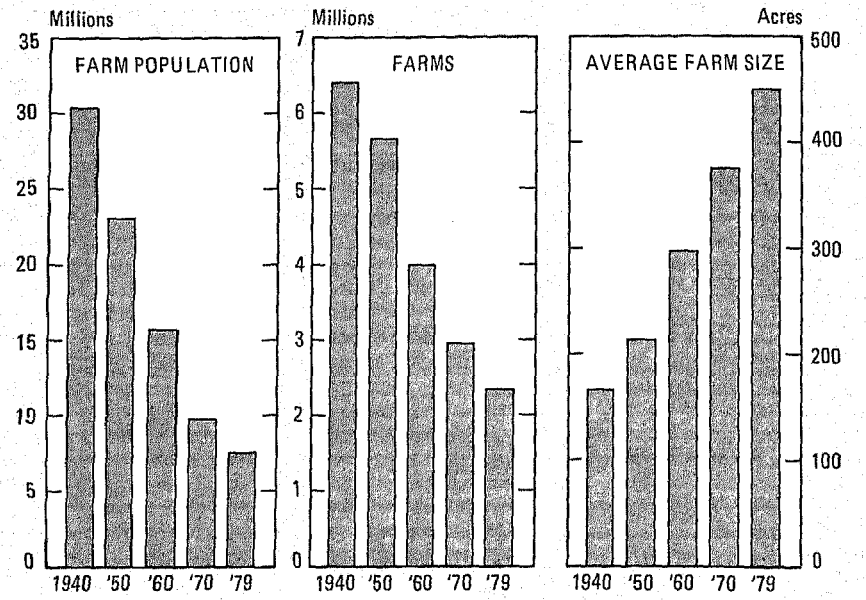
[**Vessels of 1,000 gross tons and over.** As of **Dec. 31.** Specified countries have 100 or more ships]

YEAR AND COUNTRY OF REGISTRY, **1977**	TOTAL		PASSENGER/ CARGO COMB.		FREIGHTERS		BULK CARRIERS [1]		TANKERS	
	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)
1970, world total	**19,980**	**13**	**895**	**21**	**11,899**	**13**	**2,954**	**8**	**4,232**	**11**
United States	1,579	22	171	25	1,076	23	38	25	294	19
Foreign	18,401	12	724	20	10,823	13	2,916	8	3,938	10
1975, world total	**22,872**	**12**	**714**	**21**	**12,575**	**13**	**4,272**	**9**	**5,311**	**11**
United States	857	21	60	29	511	21	19	25	267	19
Foreign	22,015	12	654	21	12,064	13	4,253	9	5,044	11
1977, world total	**24,096**	**12**	**655**	**22**	**13,176**	**13**	**4,932**	**9**	**5,333**	**11**
United States	840	22	62	31	484	22	18	26	276	19
Foreign	23,256	12	593	21	12,692	13	4,914	9	5,057	10
1978, world total	**24,641**	**12**	**555**	**23**	**14,000**	**13**	**4,821**	**9**	**5,265**	**11**
United States	**879**	**22**	**74**	**32**	**481**	**23**	**22**	**21**	**302**	**19**
Privately-owned	584	17	6	18	278	16	22	21	278	18
Government-owned	295	33	68	33	203	32	–	–	24	34
Foreign	**23,762**	**12**	**481**	**22**	**13,519**	**13**	**4,799**	**9**	**4,963**	**11**
Argentina	188	18	2	21	104	16	26	16	56	23
Brazil	285	12	6	30	178	12	39	8	62	12
British Colonies	175	11	2	16	89	13	57	8	27	12
Bulgaria	112	11	4	12	56	12	33	10	19	12
China: Mainland	559	15	12	25	398	16	71	11	78	14
Taiwan	149	12	7	25	95	12	34	11	13	10
Cyprus	483	22	8	30	421	22	28	20	26	18
Denmark	340	6	9	14	217	6	40	4	74	7
Finland	181	10	5	16	99	10	37	7	40	11
France	383	8	5	10	199	7	50	7	129	9
German Dem. Rep	155	12	3	25	124	11	19	15	9	15
Germany, Fed. Rep. of	592	7	2	18	441	7	68	6	81	7
Greece	2,693	15	58	27	1,507	17	762	11	366	16
India	364	11	9	17	221	13	101	8	33	7
Indonesia	219	18	25	22	161	18	11	10	22	16
Italy	609	16	27	24	203	17	153	13	226	15
Japan	1,781	7	6	11	761	8	540	6	474	6
Korea, Rep. of	301	11	–	–	183	12	72	8	46	12
Liberia	2,439	9	14	23	607	9	934	8	884	9
Netherlands	443	8	3	15	339	8	37	8	64	11
Norway	884	8	30	16	254	9	287	7	313	7
Panama	2,170	14	39	26	1,545	15	334	11	252	13
Philippines	178	17	17	17	116	18	14	7	31	19
Poland	310	10	6	10	214	12	76	8	14	4
Romania	163	6	2	21	112	7	41	4	8	7
Singapore	634	14	16	24	426	15	76	9	116	11
Soviet Union	2,501	12	66	20	1,814	12	145	11	476	12
Spain	495	10	14	28	283	9	67	6	131	10
Sweden	265	7	2	7	133	8	54	6	76	6
Turkey	154	13	11	30	95	12	20	9	28	10
United Kingdom	1,228	9	12	12	568	9	278	7	370	9
Yugoslavia	245	14	8	14	175	15	49	8	13	14
All others	2,084	15	51	21	1,381	16	246	12	406	12

– Represents zero. [1] Includes bulk/oil, ore/oil, and ore/bulk/oil carriers.

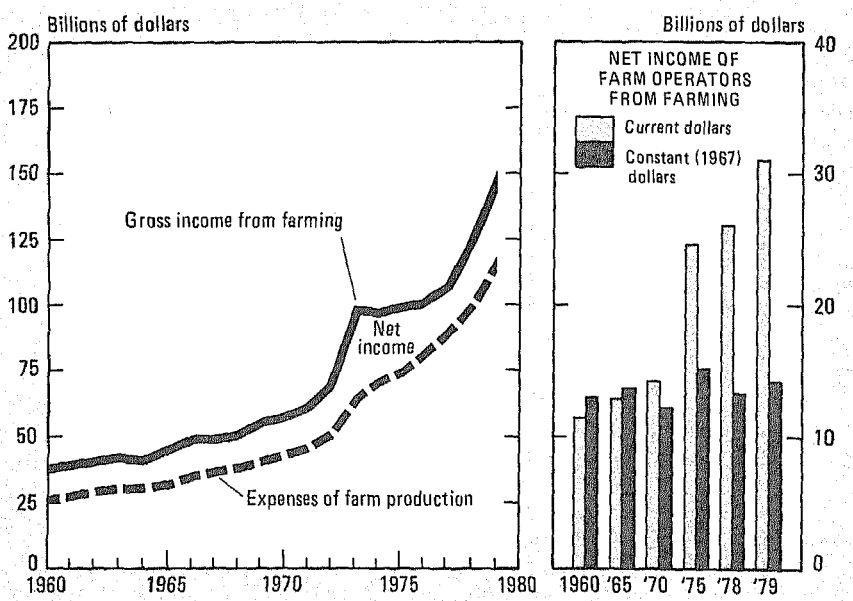
Source: U.S. Maritime Administration, *A Statistical Analysis of the World's Merchant Fleets*, annual.

Figure 24.1
Changes in Farming: 1940 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1193 and 1195.

Figure 24.2
Farm Income and Expenses: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census, for data, see table 1222.



Section 24

Agriculture

This section presents statistics on farms and farm population; land use, irrigation, and conservation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources of these data are the reports issued by the U.S. Bureau of the Census and by the Economics, Statistics, and Cooperatives Service (ESCS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920, and roughly every 5 years from 1925 to 1978. The 1978 Census of Agriculture is the most recent census for which reports are presently available. Censuses of irrigation organizations and drainage augment the census of agriculture every 10 years. The ESCS issues several annual reports, including *Agricultural Statistics, Crop Production, Crop Values, Balance Sheet of the Farming Sector, Changes in Farm Production and Efficiency,* and *Farm Income Statistics. Situation* reports issued periodically by the ESCS present current data on a variety of crops. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States,* published by the ESCS, and the reports of the Bureau of the Census, particularly *U.S. General Imports, Schedule A, Commodity by Country,* and *U.S. Exports, Schedule B, Commodity by Country.* In addition, the ESCS provides agricultural employment estimates and wage rates in the monthly *Farm Labor* and the annual *The Hired Farm Working Force.* Also reported are days employed, earnings from farm and nonfarm work, personal characteristics of hired farm workers, and other pertinent information.

Agricultural statistics have been issued by the Department of Agriculture for over 100 years. The 44 field offices of the ESCS collect data on crops, livestock products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 150 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Crop Reporting Board of ESCS which reviews the estimates and issues reports containing State and national data.

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a farm. Data shown from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the Census of Agriculture for 1974 and 1978, a farm was defined to include all land on which agricultural operations were conducted under the day-to-day control of an individual management and from which $1,000 or more of agricultural products were, or potentially could be, sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Volume I census reports for 1974 and 1978 provide a detailed explanation of the new definition along with measures of the effect of the change for each State and county. The effect of the change in definition must be considered when comparing coverage estimates for all farms in the 1974 and 1978 censuses with those in previous censuses (see table 1195). In the 1969 census, as well as the 1959 and 1964 censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least $250, and places of 10 or more acres if such sales amounted to at least $50. In the 1950 and 1954 censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of homegarden products,

amounted to $150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to $150 or more. For definitions used in earlier censuses, see *U.S. Census of Agriculture: 1974*, vol. II, Part I, General Information.

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to data originated by the Department of Agriculture is the one used by the Bureau of the Census for the agriculture census immediately preceding the year or years for which the data are shown.

In general, data for 1978 and earlier censuses are comparable only for farms with total value of sales of $2,500 or more. However, even for those farms, the difference in the timing of the censuses and a change in data collection procedures from personal interview to mail enumeration, beginning with the 1969 census, affect comparability.

Currently included as farms are such diverse enterprises as nurseries, greenhouses, sod farms, mushroom operations, cranberry bogs, feedlots, fish farms, and hatcheries; excluded are business enterprises exclusively engaged in forest production and in production of fish, oysters, fowl, etc., from the ocean, game preserves, parks, and the like, when not grown in captivity. In the case of landowners who had one or more tenants, or renters, the land operated by each was counted as a separate farm.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or not used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing on a per head basis that was neither owned nor leased by the farm operator is not included except for grazing lands controlled by grazing associations leased on a per acre basis.

Estimates based on the coverage evaluation survey for the 1974 census indicate about 95 percent of the farms with a value of products sold of $2,500 or more were included in the census. Approximately 74 percent of the farms with value of sales less than $2,500 were included. The estimates for total farms indicate about 89 percent of all farms and 97 percent of the value of farm products sold were included in the census. The 1969 census was estimated to have included 97 percent of the farms with a value of products sold of $2,500 or more and 97 percent of the value of products sold from this group of farms.

Farm population.—Farm population consists of all persons living on farms in rural areas. Data prior to 1960 are based on self-identification by respondents as to whether they live on a farm, and are not based on any criterion for the definition of a farm. Farm population data shown for 1960 to 1979 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1978 and 1979 based on the 1974 census farm definition are also shown and so indicated.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. In addition to collecting information on irrigation from individual farms in the census of agriculture, the Bureau of the Census collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm income.—Cash income comprises cash receipts from farm marketings and Federal payments made directly to farmers for farm related activities. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Gross farm income includes cash income, value of farm products consumed in farm homes, rental value of farm homes, etc.

Information on prices received for farm products is generally obtained by the ESCS Crop Reporting Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities direct from producers. In some cases, the price information is obtained directly from the producers. Season average prices received by farmers are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Crops.—Estimates of crop acreage and production by the ESCS are based on current sample survey data obtained from individual reporters and objective yield counts which are supplemented by State assessors' enumerations of agricultural information, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Price supports.—Under law, farm incomes are supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) *a market price support* (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. At the end of the loan period, the farmer may choose to either repay the loan with interest and retain the commodity, or forfeit the commodity as payment for the loan; (2) *a farm income support* (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and market price, or between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods. Volume II of *U.S. Census of Agriculture: 1974* gives a complete history of the enumeration of livestock and analyzes comparability from census to census. Comparability of livestock inventories over time is seriously affected by changes in date of enumeration.

Statisitcal Reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau and Department of Agriculture data, see Appendix III.

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

No. 1193. Farm Population and Employment: 1930 to 1979

[**In thousands, except percent.** Prior to 1959, excludes Alaska and 1960, Hawaii. Minus sign (—) denotes decrease. For definition of farm population, see text, p. 684. See also *Historical Statistics, Colonial Times to 1970,* series C 76-78 and K 1-3 and K 174]

Year	Farm population [1]		Net average annual change [3]		Farm employment [5]	Year	Farm population [1]		Net average annual change [3]		Farm employment [5]
	Total	Percent of total population [2]	Births and deaths	Migration [4]			Total	Percent of total population [2]	Births and deaths	Migration [4]	
1930	30,529	24.9	461	−593	12,497	1969 definition—Con.					
1935	32,161	25.3	384	−58	12,733						
1940	30,547	23.2	386	−708	10,979	1967	10,875	5.5	73	−793	4,903
1945	24,420	17.5	377	−1,602	10,000	1968	10,454	5.3	60	−481	4,749
1950	23,048	15.3	403	−677	9,926	1969	10,307	5.1	51	−198	4,596
						1970	9,712	4.8	47	−642	4,523
1955	19,078	11.6	321	−1,115	8,381	1971	9,425	4.6	43	−330	4,436
1956	18,712	11.2	261	−627	7,852	1972	9,610	4.6	29	156	4,373
1957	17,656	10.4	239	−1,295	7,600	1973	9,472	4.5	26	−164	4,337
1958	17,128	9.9	220	−748	7,503						
1959	16,592	9.4	203	−740	7,342	1974	9,264	4.4	25	−233	4,389
						1975	8,864	4.2	25	−425	4,342
1969 definition						1976	8,253	3.8	24	−635	4,374
						1977	7,806	3.6	27	−474	4,155
1960	15,635	8.7	184	−1,142	7,057	1978	8,005	3.7	27	172	3,957
1961	14,803	8.1	168	−1,000	6,919	1979	7,553	3.4	(NA)	(NA)	3,774
1962	14,313	7.7	156	−646	6,700						
1963	13,367	7.1	140	−1,086	6,518	1974 definition					
1964	12,954	6.8	121	−553	6,110	1978	6,501	3.0	(NA)	(NA)	3,957
1965	12,363	6.4	112	−703	5,610	1979	6,241	2.8	(NA)	(NA)	3,774
1966	11,595	5.9	90	−858	5,214						

NA Not available. [1] April 1, except beginning 1960, April-centered annual averages. [2] Includes Armed Forces abroad. [3] Change from preceding year shown. For 1930, change from 1925. [4] Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years, includes persons who did not move but who were in and out of the farm population because agricultural operations began or ceased, respectively, on the place where they were living. [5] Includes farm operators and family members doing farm work without wages. See headnote and footnote 1, table 1240.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Population, Estimates for 1910-70; Farm Population Estimates,* annual; and *Farm Labor,* quarterly.

No. 1194. Farm Population, by Characteristics: 1960 to 1979

[1960, as of April; 1970 and 1979, April-centered annual averages. For definition of farm population, see text, p. 684]

Characteristic	Farm population (1,000)						Percent distribution			
	1969 definition			1974 definition, 1979			1969 definition			1974 definition
	1960	1970	1979	Total	Male	Female	1960	1970	1979	1979
Total	15,669	9,712	7,553	6,241	3,240	3,002	100.0	100.0	100.0	100.0
White	13,092	8,775	7,111	5,891	3,053	2,838	83.6	90.4	94.1	94.4
Black and other races	2,577	938	443	350	186	164	16.4	9.7	5.9	5.6
Under 14 years of age	4,995	2,490	1,512	1,258	637	621	31.9	25.6	20.0	20.2
14 years of age and over	10,674	7,222	6,042	4,984	2,602	2,381	68.1	74.4	80.0	79.9
14–19 years	1,868	1,316	1,000	828	429	399	11.9	13.6	13.2	13.3
20–24 years	763	502	529	459	263	196	4.9	5.2	7.0	7.4
25–34 years	1,461	770	777	627	333	294	9.3	7.9	10.3	10.0
35–44 years	1,803	1,061	877	724	358	370	11.5	10.9	11.6	11.6
45–64 years	3,453	2,452	1,927	1,618	845	774	22.0	25.2	25.5	25.9
65 years and over	1,326	1,122	932	727	378	349	8.5	11.6	12.3	11.6
In labor force [1]	6,266	4,293	3,781	3,180	2,124	1,056	58.7	59.4	62.6	63.8
Employed, agriculture	4,025	2,333	1,761	1,661	1,331	330	37.7	32.3	29.1	33.3
Percent of total	64.2	54.3	46.6	52.2	62.7	31.3	(x)	(x)	(x)	(x)
Self-employed	2,405	1,411	1,104	1,040	944	96	22.7	19.5	18.3	20.9
Wage and salary workers	782	395	364	341	282	58	7.3	5.5	6.0	6.8
Unpaid family workers	838	526	294	280	105	175	7.9	7.3	4.9	5.6
Employed, nonagriculture	2,064	1,878	1,934	1,453	763	690	19.3	26.0	32.0	29.2
Self-employed	(NA)	159	192	146	101	44	(NA)	2.2	3.2	2.9
Wage and salary workers	(NA)	1,698	1,720	1,292	660	632	(NA)	23.5	28.5	25.9
Unpaid family workers	(NA)	21	21	15	1	13	(NA)	.3	.3	.3
Unemployed	177	82	86	66	30	36	1.7	1.1	1.4	1.3
Not in labor force [1]	4,408	2,929	2,261	1,804	479	1,326	41.3	40.6	37.4	36.2

NA Not available. X Not applicable. [1] 14 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, Nos. 42 and 53.

No. 1195. Farms—Number and Acreage: 1930 to 1980

[*Estimated. Prior to 1959 excludes Alaska and Hawaii. For definition of farms and farmland, see text, pp. 683 and 684.* 1930–1954, farms and farmlands as defined in census year shown; beginning 1959 based on census year definition shown. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

Year	Farms		Land in farms		Year	Farms		Land in farms	
	Number (1,000)	Annual change [1] (1,000)	Total (mil. acres)	Average per farm (acres)		Number (1,000)	Annual change [1] (1,000)	Total (mil. acres)	Average per farm (acres)
1930	6,546	15	987	151	**1969** definition—Con.				
1935	6,814	54	1,055	155					
1940	6,350	–93	1,061	167	1970	2,949	–51	1,102	374
1945	5,967	–77	1,142	191	1971	2,902	–47	1,097	378
1950	5,648	–64	1,202	213	1972	2,860	–42	1,092	382
1954	4,798	–213	1,206	251	1973	2,823	–37	1,088	385
1969 definition					*1974*	2,795	–28	1,084	388
					1975	2,767	–28	1,081	391
1959	4,105	–139	1,183	288	1976	2,738	–29	1,078	394
1960	3,963	–142	1,176	297	1977	2,706	–32	1,075	397
1961	3,825	–138	1,168	305	1978	*2,672*	*–34*	*1,072*	*401*
1962	3,692	–133	1,159	314					
1963	3,572	–120	1,152	322	**1974** definition				
1964	3,457	–115	1,146	332	1975	2,491	(x)	*1,063*	*427*
1965	3,356	–101	1,140	340	1976	2,454	–37	1,059	432
1966	3,257	–99	1,132	348	1977	2,409	–45	1,055	438
1967	3,162	–95	1,123	355	1978	2,370	–39	1,052	444
1968	3,071	–91	1,115	363	1979	2,333	–37	1,049	450
1969	3,000	–71	1,108	369	1980, prel	2,309	–24	1,047	453

X Not applicable. [1] Average annual change from preceding year shown. For 1930, change from 1925.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Number of Farms, 1910–1959; Land in Farms 1950–1959, by States* (Statistical Bulletin No. 316); *Number of Farms and Land in Farms, 1959–70* (Statistical Bulletin No. 507); *Farms and Land in Farms, 1969–75* (Statistical Bulletin No. 594); and *Farm Numbers*, annual supplements.

No. 1196. Farm Population by Characteristics of Farm: 1970 and 1979

[**In thousands.** As of **June.** Excludes Alaska and Hawaii. For definition of farm population, see text, p. 684]

Farm characteristic	1970 [1] (1969 definition)					1979 (1974 definition)				
	Total [2]	White	Black	North and West	South	Total [2]	White	Black	North and West	South
Total	**10,017**	**9,307**	**663**	**5,932**	**4,086**	**7,199**	**6,873**	**291**	**4,566**	**2,633**
Farm operator's household	9,145	8,685	428	5,590	3,555	6,747	6,548	167	4,364	2,383
Other dwelling units	873	622	236	342	531	453	325	124	202	251
Full owner	5,991	5,638	325	3,421	2,570	3,581	3,436	125	2,227	1,354
Part owner	2,971	2,769	193	1,905	1,066	2,964	2,809	144	1,882	1,082
Tenant or manager	1,056	900	145	606	450	655	628	22	458	197
Value of products sold: [3]										
$50–$2,499	3,586	3,244	329	1,561	2,026	1,095	1,022	64	510	585
$2,500–$4,999	1,227	1,147	78	629	598	1,674	1,595	72	847	827
$5,000–$9,999	1,193	1,123	62	743	450					
$10,000–$19,999	1,516	1,461	47	1,160	358	891	865	23	550	340
$20,000–$39,999	1,290	1,233	51	1,027	263	1,005	963	35	702	302
$40,000–$99,999	1,203	1,098	96	812	392	1,373	1,352	18	1,090	283
$100,000 and over						1,162	1,077	80	867	295
Type of farm: [4] Cash grain	1,784	1,716	65	1,416	368	1,885	1,800	81	1,457	428
Tobacco	713	563	146	29	684	462	406	48	22	439
Cotton	260	187	70	42	218	143	96	47	17	127
Livestock	3,951	3,796	142	2,276	1,674	2,797	2,700	87	1,577	1,220
Dairy	1,159	1,148	[5]	1,007	152	898	894	[5]	788	111
Other	1,241	1,160	65	835	405	1,015	978	26	706	309

[1] Data by type of farm for 1973. [2] Includes other races not shown separately. [3] Based on gross income received from sale of crops, livestock, poultry, and other agricultural products. Includes all government payments received. [4] Classification based on product having largest percentage of total sales. [5] Included in other.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Population Trends and Farm Characteristics* (Rural Development Research Report No. 3), 1978, and unpublished data.

No. 1197. Characteristics of Farm and Nonfarm Families: 1970 to 1979

Characteristic	1970 (Mar.)			1975 (Mar.)			1979 (Mar.)		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total families (1,000)	51,237	2,457	48,781	55,712	2,398	53,314	57,804	2,051	55,753
Persons per family	3.62	3.77	3.61	3.42	3.62	3.41	3.31	3.45	3.30
Mean number of own children	2.33	2.61	2.32	2.09	2.33	2.08	1.93	2.11	1.92
With own children under 18 (1,000)	28,665	1,169	27,496	30,057	1,170	28,887	30,371	959	29,412
Percent with: 1 or 2 children	63.6	57.2	63.9	69.9	61.3	70.2	75.4	69.2	75.6
3 or 4 children	28.5	29.3	28.5	24.9	30.3	24.7	21.9	26.8	21.8
5 or more children	7.8	13.5	7.6	5.2	8.5	5.1	2.7	4.0	2.7
Percent distribution:									
Husband-wife	86.7	90.5	86.5	84.3	92.5	83.9	82.5	92.3	82.1
Male head, no wife present	2.4	4.2	2.3	2.7	3.1	2.7	2.9	2.8	2.9
Female head, no husband present	10.9	5.3	11.2	13.0	4.3	13.4	14.6	4.8	15.0
2-person families	34.5	37.0	34.3	37.4	35.4	37.5	38.9	39.4	38.9
3 to 5 person families	52.7	46.4	53.1	52.8	51.5	52.9	53.8	50.7	53.9
6-or-more person family	12.9	16.6	12.6	9.8	13.1	9.6	7.3	9.8	7.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 218, 291, and 352.

No. 1198. Money Income of Farm and Nonfarm Families, by Race: 1970 to 1978

[Based on Current Population Survey, see headnote, table 744 and Appendix III]

Item	All families, Mar. 1979 (1,000)	Median family income [1] (constant 1978 dollars)			Percent families with 1978 income of—				
		1970	1975	1978	Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000 or more
All families	57,804	16,578	16,630	17,640	8.2	15.8	16.6	16.9	42.4
Farm	2,051	11,380	13,146	15,284	12.5	18.1	18.2	16.0	35.3
Nonfarm	55,753	16,811	16,763	17,732	7.9	15.7	16.6	16.9	42.7
White	50,910	17,198	17,295	18,368	6.6	14.9	16.5	17.2	44.7
Farm	1,959	11,788	13,621	15,562	11.5	17.8	18.0	16.5	36.3
Nonfarm	48,951	17,453	17,444	18,471	6.3	14.7	16.5	17.4	45.1
Black	5,906	10,550	10,642	10,879	22.4	23.8	17.7	13.9	22.3
Farm	78	5,086	5,990	6,813	37.1	25.7	19.2	7.7	10.3
Nonfarm	5,827	10,743	10,753	10,940	22.3	23.8	17.7	13.9	22.5

[1] 1970 not strictly comparable with later years due to revised procedures. For definition of median, see p. xviii.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 1199. Farm Population, by Regions, Divisions, and States: 1940 to 1970

As of April 1, except beginning 1960, April-centered annual averages. For definition of farm population, see text, p. 684. See also *Historical Statistics, Colonial Times to 1970*, series K 17-81]

Region and State	Farm population (1,000)				Percent decrease	
	1940	1950	1960	1970	1950–1960	1960–1970
U.S	**30,547**	**23,048**	**15,635**	**9,712**	**32.2**	**37.9**
Region: [1]						
No. East	2,411	1,791	1,119	699	37.5	37.5
No. Cent	9,349	7,433	5,836	4,305	21.5	26.2
South	16,400	11,896	7,160	3,754	39.8	47.6
West	2,387	1,929	1,520	954	21.2	37.2
N.E	**623**	**403**	**232**	**128**	**42.4**	**44.7**
Maine	176	122	61	30	50.0	50.2
N.H	71	47	22	11	53.2	48.9
Vt	107	81	56	32	30.9	43.2
Mass	147	80	50	28	37.5	45.0
R.I	17	10	6	4	40.0	37.4
Conn	105	63	36	23	42.9	36.0
M.A	**1,788**	**1,388**	**887**	**571**	**36.1**	**35.7**
N.Y	730	578	387	239	33.0	38.4
N.J	143	105	71	47	32.4	33.7
Pa	915	705	428	284	39.3	33.6
E.N.C	**4,638**	**3,703**	**2,821**	**2,053**	**23.8**	**27.2**
Ohio	1,089	853	581	415	31.9	28.7
Ind	816	667	539	416	19.2	22.9
Ill	979	763	621	473	18.6	23.9
Mich	871	695	486	305	30.1	37.1
Wis	883	725	594	445	18.1	25.1
W.N.C	**4,711**	**3,729**	**3,015**	**2,252**	**19.1**	**25.3**
Minn	915	740	624	482	15.7	22.7
Iowa	931	783	703	544	10.2	22.7
Mo	1,125	863	595	395	31.1	33.6
N. Dak	328	254	207	154	18.5	25.6
S. Dak	307	254	217	172	14.6	21.0
Nebr	498	391	329	253	15.9	23.0
Kans	607	444	340	252	23.4	25.8
S.A	**6,060**	**4,633**	**2,836**	**1,357**	**38.7**	**52.2**
Del	46	34	27	15	20.6	45.3
S.A.—Con.						
Md	246	183	132	79	27.9	40.5
Va	986	732	467	238	36.2	49.0
W. Va	533	411	155	78	62.3	50.1
N.C	1,659	1,377	950	463	31.0	51.3
S.C	917	701	433	144	38.2	66.6
Ga	1,366	962	515	228	46.5	55.8
Fla	305	233	157	113	32.6	28.0
E.S.C	**5,283**	**4,048**	**2,494**	**1,329**	**38.4**	**46.7**
Ky	1,261	974	618	452	36.6	26.8
Tenn	1,276	1,016	677	384	33.4	43.3
Ala	1,343	960	519	216	45.9	58.4
Miss	1,403	1,097	680	277	38.0	59.3
W.S.C	**5,057**	**3,215**	**1,828**	**1,069**	**43.1**	**41.6**
Ark	1,113	802	415	228	48.3	45.0
La	854	567	313	160	44.8	48.8
Okla	930	553	294	209	46.8	28.9
Tex	2,160	1,292	806	471	37.6	41.6
Mt	**1,118**	**859**	**678**	**446**	**21.1**	**34.2**
Mont	176	136	115	90	15.4	21.7
Idaho	203	165	148	102	10.3	31.4
Wyo	73	57	47	33	17.5	29.4
Colo	253	198	143	94	27.8	34.5
N. Mex	178	132	72	45	45.5	37.5
Ariz	114	77	74	34	3.9	54.2
Utah	105	81	65	36	19.8	41.1
Nev	16	13	13	9	-	25.8
Pac	**1,270**	**1,070**	**842**	**508**	**21.3**	**39.7**
Wash	340	274	199	133	27.4	33.4
Oreg	259	228	165	119	27.6	28.2
Calif	670	568	463	249	18.5	46.2
Alaska	(NA)	(NA)	3	2	(NA)	50.2
Hawaii	(NA)	(NA)	12	6	(NA)	47.3

– Represents zero. NA Not available. [1] For composition of *regions*, see fig. I, inside front cover.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Population Estimates, 1910-70* (Statistical Bulletin No. 523).

No. 1200. Farms—Number, Acreage, and Value, by Type of Organization: 1969 to 1978

[Covers farms with sales of $2,500 and over. 1978 preliminary. In 1978 total land in farms was 928 million acres; total value of land and buildings was *$598,956 million*; and total value of farm *products sold* was $107,477 million]

Type of organization	Number of farms (1,000)			Land in *farms* (mil. acres)		Value of land and buildings (mil. dol.)		Value of farm products sold (mil. *dol.*)	
	1969	1974	1978	1969	1974	1969	1974	1969	1974
Total	**1,734**	**1,695**	**1,866**	**918**	**906**	**179,448**	**308,890**	**44,476**	**80,593**
Individual or family	1,481	1,518	1,598	665	678	134,892	241,236	30,179	54,511
Partnership	222	145	210	163	124	31,077	41,307	7,748	11,232
Corporation	22	29	52	81	97	11,824	24,556	6,295	14,426
Other	10	4	6	8	6	1,655	1,791	254	424
PERCENT DISTRIBUTION									
Individual or family	85.4	89.5	85.6	72.4	74.9	75.2	78.1	67.8	67.6
Partnership	12.8	8.6	11.3	17.8	13.7	17.3	13.4	17.4	13.9
Corporation	1.3	1.7	2.8	8.8	10.7	6.6	8.0	14.1	17.9
Other	.6	.2	.3	.9	.7	.9	.6	.6	.5

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. I, and unpublished data.

No. 1201. Farm Operators—Tenure and Characteristics: 1974 and 1978

[In thousands, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 82-113]

Tenure and characteristic	All farms		Farms with sales of $2,500 and over		Characteristic	All farms		Farms with sales of $2,500 and over	
	1974 [1]	1978 [2]	1974 [1]	1978 [2]		1974 [1]	1978 [2]	1974 [1]	1978 [2]
Total operators	**2,314**	**2,480**	**1,695**	**1,866**	Principal occupation:				
					Farming	1,427	1,327	1,236	1,191
White	2,220	(NA)	1,632	(NA)	Other	852	1,153	427	676
Black and other	59	(NA)	31	(NA)					
					Place of residence: [3]				
Under 25 years old	52	(NA)	41	(NA)	On farm operated	1,502	1,786	1,125	1,339
25-34 years old	240	(NA)	176	(NA)	On another farm	94		69	
35-44 years old	400	(NA)	291	(NA)	In rural area, not on a farm	67	442	45	340
45-54 years old	577	(NA)	433	(NA)	In urban area	210		146	
55-64 years old	589	(NA)	442	(NA)					
65 years old and over	421	(NA)	280	(NA)					
Average age (years)	51.7	50.1	51.4	49.8	Days worked off farm: [3]				
					None	830	(NA)	691	(NA)
Full owner	1,424	1,453	904	964	Less than 100	197	264	147	222
Part owner	628	714	566	640	100-199 days	157	1,101	102	691
Tenant	262	313	225	263	200 days or more	658		347	

NA Not available. [1] Except for tenure, data apply only to individual or family operations and partnerships. [2] Preliminary. [3] Excludes not reported.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. I, and unpublished data.

No. 1202. Characteristics of Corporate Farms, by Type: 1974

Item	Unit	All corporations [1]	Family [2] corporation	Independent [3] corporation	Parent [4] corporation	Privately held ownership			Publicly owned and other
						1-5 shareholders	6-10 shareholders	11 or more shareholders	
Farms	Number	28,442	21,758	5,115	1,569	21,672	4,005	1,013	947
	Percent	100.0	76.5	18.0	5.5	76.2	14.1	3.6	3.3
Land in farms	Mil. acres	96.1	70.7	10.6	14.8	56.1	18.4	11.7	5.7
Average per farm	Acres	3,380	3,250	2,067	9,460	2,589	4,596	11,527	6,060
Value of—									
Land and buildings	Bil. dol.	24.6	16.3	4.4	4.0	15.2	3.7	2.4	2.5
Average per farm	$1,000	866	747	855	2,551	701	936	2,348	2,602
Farm products sold	Bil. dol.	14.6	7.3	3.5	3.8	7.8	2.2	1.5	2.7
Average per farm	$1,000	515	337	691	2,405	360	557	1,526	2,885

[1] For type of ownership, includes shareholders not reported, not shown separately. [2] Fifty-one percent or more of stock owned by persons related by blood or marriage. [3] Not a family corporation, not owned or controlled by another corporation, and not owning or controlling any other corporations. [4] Corporations which own or control one or more other corporations.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. IV, part 5.

No. 1203. Agricultural Services—Summary: 1974 and 1978

SIC code [1]	Type of service	Establishments		Gross receipts (mil. dol.)		Paid employees (1,000)		Payroll (mil. dol.)	
		1974	1978 [2]	1974	1978 [2]	1974	1978 [2]	1974	1978 [2]
07	**Agricultural services**	**61,347**	**93,120**	**3,555**	**7,251**	**501**	**994**	**1,206**	**2,550**
071	Soil preparation services	730	1,476	41	85	3	9	11	31
072	Crop services	5,140	9,850	720	1,676	109	199	197	498
074	Veterinary services	10,452	15,551	868	1,549	52	88	258	510
0741	Cattle, hogs, sheep, goats, and poultry	3,081	4,021	206	331	10	15	47	84
0742	Dogs, cats, horses, bees, fish, rabbits, other fur-bearing animals, birds (except poultry), and other pets	7,371	11,530	662	1,218	42	73	211	426
075	Animal services, except veterinary	10,502	16,890	298	634	29	57	88	178
076	Farm labor and management services	905	2,769	286	667	161	361	166	386
078	Landscape and horticultural services	33,618	46,584	1,342	2,640	146	280	487	947

[1] Standard Industrial Classification Code. [2] Preliminary.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. III and unpublished data.

No. 1204. Farms—Number, Acreage, and Value, by Tenure of Operator: 1940 to 1978

[**Number of farms in thousands; land in farms in millions of acres, except as indicated.** Minority race figures for number of farms for 1959, and figures fo age value of farms, land, and buildings, 1950 through 1964, based on sample. *Full owners* own all the land they operate. *Part owners* own a part, and rent from others the rest of the land they operate. See also *Historical Statistics, Colonial Times to 1970*, series K 109-153]

Item and year	All farms	Full owner	Part owner	Manager	Tenant	Percent of all farms: Full owner	Percent of all farms: Part owner	Percent of all farms: Tenant
Number of farms:								
United States: 1940	6,102	3,085	616	37	2,365	50.6	10.1	38.8
1950	5,388	3,092	826	24	1,447	57.4	15.3	26.9
1959	3,711	2,119	811	21	760	57.1	21.9	20.5
1964	3,158	1,818	782	18	540	57.6	24.8	17.1
1969	2,730	1,706	672	(1)	353	62.5	24.6	12.9
1974	2,314	1,424	628	(1)	262	61.5	27.2	11.3
1978, prel	2,480	1,453	714	(1)	313	58.6	28.8	12.6
South, all races: 1940	3,007	1,328	217	14	1,449	44.2	7.2	48.2
1950	2,652	1,411	326	10	905	53.2	12.3	34.1
1959	1,646	942	314	9	381	57.2	19.1	23.1
1964	1,373	809	304	7	254	58.9	22.1	18.5
1969	1,161	780	245	(1)	136	67.2	21.1	11.7
1974	930	623	214	(1)	93	67.0	23.0	10.0
1978, prel	1,016	633	264	(1)	119	62.3	26.0	11.7
South, minority races: 1940	680	142	31	(Z)	507	20.9	4.6	74.6
1950	559	141	52	(Z)	366	25.2	9.3	65.5
1959	266	90	38	(Z)	138	33.8	14.3	51.9
1964	185	71	31	(Z)	82	38.4	16.8	44.3
1969	90	56	16	(1)	18	62.2	17.8	20.0
1974	47	32	10	(1)	6	66.9	20.6	12.5
Land in farms, U.S.[2]: 1940	1,065	382	301	69	313	35.9	28.3	29.4
1950	1,161	419	423	107	212	36.1	36.4	18.3
1959	1,124	349	498	110	167	31.0	44.3	14.9
1964	1,110	319	533	113	145	28.7	48.0	13.1
1969	1,063	375	550	(1)	138	35.2	51.8	13.0
1974	1,017	359	535	(1)	122	35.4	52.6	12.0
Average value of land and buildings[3]:								
United States: 1940	$5,532	$4,959	$9,936	$42,208	$4,566	(X)	(X)	(X)
1950	14,005	10,719	25,137	153,043	12,926	(X)	(X)	(X)
1959 [4]	34,763	22,478	56,660	244,714	36,159	(X)	(X)	(X)
1964	50,646	30,297	83,251	(1)	52,998	(X)	(X)	(X)
1969	75,725	47,578	137,606	(1)	94,007	(X)	(X)	(X)
1974	147,838	90,736	263,539	(1)	180,776	(X)	(X)	(X)

X Not applicable. Z Less than 500. [1] Data included under other tenure categories. [2] 1978 total land in farms, 1,031 million acres. [3] 1978 average value of land and buildings for all farms, $263,080. [4] Excludes Hawaii.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1964,* and *1969*, vol. II; *1974*, vol. I, and unpublished data.

No. 1205. Farms—Number, Acreage, and Value of Sales, by Type of Farm: 1969 and 1974

[Covers farms with sales of $2,500 or more. Farm was classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) code for each farm type is shown in parentheses]

Item and year	Total	Cash grain[1] (011)	Cotton (0131)	Tobacco (0132)	Livestock[2] (021)	Dairy (024)	Poultry, eggs (025)	Fruit and nut (017)	Vegetable (016)	All other
1969										
Number of farms (1,000)	1,734	369	41	90	648	261	58	54	20	194
Land in farms (mil. acres)	917.9	186.0	18.9	11.5	536.1	64.9	7.5	7.8	4.6	80.5
Products sold, value (mil. dol.)	44,476	6,631	814	941	17,783	6,580	3,936	1,682	1,175	4,933
Percent distribution:										
Number of farms	100.0	21.3	2.3	5.2	37.4	15.1	3.3	3.1	1.1	11.2
Land in farms	100.0	20.2	2.1	1.3	58.4	7.1	.8	.8	.5	8.8
Products sold, value	100.0	14.9	1.8	2.1	40.0	14.8	8.9	3.8	2.6	11.1
1974										
Number of farms (1,000)	1,695	580	31	95	494	196	43	51	20	185
Land in farms (mil. acres)	905.6	281.1	17.8	12.3	442.4	54.1	5.5	7.6	4.7	80.1
Products sold, value (mil. dol.)	80,593	23,673	1,850	1,652	22,125	9,592	6,352	2,858	2,144	10,347
Percent distribution:										
Number of farms	100.0	34.2	1.8	5.6	29.1	11.6	2.5	3.0	1.2	10.9
Land in farms	100.0	31.0	2.0	1.4	48.9	6.0	.6	.8	.5	8.8
Products sold, value	100.0	29.4	2.3	2.0	27.4	11.9	7.9	3.5	2.7	12.8

[1] Includes wheat, rice, corn for grain, soybeans, and other cash grains not elsewhere classified. [2] Excludes dairy, poultry, and animal specialty farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II and *1974*, vol. I.

No. 1206. Farms—Number, 1950 to 1978, and Acreage, 1969 and 1974, by Size of Farm

[1978 preliminary. 1978 total land in farms 1,031 million acres; 1978 total cropland harvested, 462 million acres. See also *Historical Statistics, Colonial Times to 1970*, series K 162-173]

Size of farm	Farms: Number (1,000)					Farms: Percent distribution		Land in farms (mil. acres)		Cropland harvested (mil. acres)	
	1950	1959	1969	1974	1978	1974	1978	1969	1974	1969	1974
Total	**5,388**	**3,711**	**2,730**	**2,314**	**2,480**	**100.0**	**100.0**	**1,062.9**	**1,017.0**	**273.0**	**303.0**
Under 10 acres	489	244	162	128	216	5.5	8.7	.6	.5	.2	.2
10-49 acres	1,480	813	473	380	476	16.4	19.2	13.3	10.8	4.3	4.3
50-99 acres	1,048	658	460	385	814	16.6	32.8	33.6	28.1	10.4	10.5
100-179 acres	1,103	773	542	443		19.2		74.0	60.5	26.5	25.1
180-259 acres	487	414	307	253	596	10.9	24.0	66.4	54.8	26.6	25.1
260-499 acres	478	472	419	363		15.7		149.3	129.8	65.0	65.9
500-999 acres	182	200	216	207	215	9.0	8.7	147.8	142.3	60.2	70.1
1,000-1,999 acres	121	79	91	93	99	4.0	4.1	123.6	125.7	40.9	51.7
2,000 acres and over		57	60	62	64	2.7	2.6	454.3	464.7	39.0	50.1

Source: U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II, and *1974*, vol. I, and unpublished data.

No. 1207. Farms—Number, Acreage, and Value of Sales, by Size of Sales: 1964 to 1974

[1964 is based on reports for a sample of farms]

Economic class of farm (value of farm products sold)	Farms [1] (1,000)	Acreage: Total (mil.)	Acreage: Average per farm	Value of sales: Total (mil. dol.)	Value of sales: Average per farm ($1,000)	Percent distribution: Farms	Percent distribution: Acreage, total	Percent distribution: Value of sales, total
1964: Farms with sales of—								
$2,500 or more	1,817	923	508	34,004	18.7	100.0	100.0	100.0
$2,500-$4,999	444	92	206	1,611	3.6	24.4	9.9	4.7
$5,000-$9,999	505	158	313	3,653	7.2	27.8	17.1	10.8
$10,000-$19,999	467	217	465	6,614	14.2	25.7	23.5	19.5
$20,000-$39,999	260	186	715	7,114	27.4	14.3	20.2	20.9
$40,000-$99,999	110	149	1,352	6,474	58.9	6.1	16.2	19.0
$100,000 and over	31	121	3,854	8,538	275.4	1.7	13.1	25.1
Less than $2,500	1,338	138	103	1,143	.9	100.0	100.0	100.0
$50-$2,499	348	42	122	364	1.0	26.0	30.9	31.9
Part-time	639	58	91	495	.8	47.8	42.4	43.3
Part-retirement	351	37	105	284	.8	26.2	26.7	24.8
Abnormal farms [2]	2	50	22,777	146	67.0	100.0	100.0	100.0
1969: Farms with sales of—								
$2,500 or more	1,734	918	530	44,476	25.6	100.0	100.0	100.0
$2,500-$4,999	395	76	192	1,346	3.4	22.8	8.3	3.0
$5,000-$9,999	390	107	274	2,814	7.2	22.5	11.6	6.3
$10,000-$19,999	395	171	433	5,693	14.4	22.8	18.6	12.8
$20,000-$39,999	331	207	626	9,267	28.0	19.1	22.6	20.8
$40,000-$99,999	170	185	1,092	10,073	59.3	9.8	20.2	22.6
$100,000 and over	52	172	3,304	15,282	293.8	3.0	18.7	34.5
Less than $2,500	994	90	90	935	.9	100.0	100.0	100.0
$50-$2,499	193	19	96	188	1.0	19.4	20.6	20.1
Part-time	575	49	86	532	.9	57.8	54.9	56.9
Part-retirement [2]	227	22	97	215	.9	22.8	24.5	23.0
Abnormal farms [3]	2	55	26,174	153	72.3	100.0	100.0	100.0
1974: Farms with sales of—								
$2,500 or more	1,695	906	534	80,593	47.5	100.0	100.0	100.0
$2,500-$4,999	290	53	184	982	3.4	17.1	5.9	1.2
$5,000-$9,999	296	66	222	2,138	7.2	17.5	7.2	2.7
$10,000-$19,999	310	102	330	4,460	14.4	18.3	11.3	5.5
$20,000-$39,999	322	161	499	9,247	28.7	19.0	17.8	11.5
$40,000-$99,999	324	247	761	20,072	62.0	19.1	27.2	24.9
$100,000 and over	153	277	1,814	43,694	285.6	9.0	30.6	54.2
Less than $2,500	617	56	91	697	1.1	100.0	100.0	100.0
Occupation—Farming [3]	192	20	104	232	1.2	31.0	35.3	33.3
Occupation—Other than farming [3]	425	36	86	465	1.1	69.0	64.7	66.6
Abnormal farms [2]	2	55	24,605	236	118.0	100.0	100.0	100.0

[1] For preliminary 1978 data, see table 1210. [2] Includes institutional farms, experimental and research farms, Indian reservations, etc. [3] Occupation determined by 50 percent or more of work time on farm or other occupation during 1974.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1964* and *1969*, vol. II; *1974*, vol. I.

No. 1208. Farms—Number, Acreage, and Value, by States: 1964 to 1978

[For composition of regions, see fig. I, inside front cover. 1978 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series K 17–18]

Region and state	Number of farms (1,000)			All land in farms (mil. acres)			Average acreage per farm			Total value [1] (mil. dol.)		
	1964	1974	1978	1964	1974	1978	1964	1974	1978	1964	1974	1978
U.S	**3,158**	**2,314**	**2,480**	**1,110.2**	**1,017.0**	**1,030.9**	**352**	**440**	**416**	**159,932**	**342,099**	**652,753**
No. East	*202*	128	149	32.0	23.4	24.9	158	183	167	*6,901*	*15,460*	*25,776*
No. Central	1,277	1,017	1,027	383.1	362.9	366.1	300	357	356	64,182	150,978	310,319
South	1,373	930	1,016	346.2	305.7	313.2	252	329	308	*52,068*	*110,362*	*195,426*
West	306	239	287	348.9	325.1	326.7	1,142	1,360	1,138	36,781	65,299	121,233
N.E	**42**	**23**	**30**	**7.7**	**4.8**	**5.2**	**185**	**206**	**171**	**1,459**	**2,915**	**4,884**
Maine	13	6	8	2.6	1.5	1.6	201	237	197	257	519	887
N.H	5	2	3	.9	.5	.5	194	210	164	118	286	503
Vt	9	6	7	2.5	1.7	1.8	273	282	240	275	770	1,188
Mass	6	4	6	.9	.6	.7	113	134	115	*349*	*576*	*1,003*
R.I	1	1	1	.1	.1	.1	94	102	88	51	92	183
Conn	6	3	5	.7	.4	.5	119	129	109	*409*	*671*	*1,120*
M.A	**161**	**104**	**119**	**24.2**	**18.6**	**19.7**	**151**	**178**	**165**	**5,442**	**12,545**	**20,893**
N.Y	67	44	49	12.3	9.4	9.9	185	215	201	2,181	4,800	6,712
N.J	11	7	10	1.2	1.0	1.1	109	130	107	782	1,737	2,933
Pa	83	53	60	10.8	8.2	8.7	130	154	146	2,479	6,008	11,248
E.N.C	**574**	**445**	**452**	**99.5**	**90.0**	**92.4**	**173**	**202**	**204**	*27,909*	*61,406*	*133,973*
Ohio	120	92	96	17.6	15.7	16.1	146	170	168	5,221	11,056	24,129
Ind	108	88	88	17.9	16.8	17.0	166	191	193	*5,582*	*12,078*	*27,222*
Ill	133	111	110	30.0	29.1	29.7	226	262	271	10,744	24,628	55,934
Mich	94	64	68	13.6	10.8	11.4	145	169	168	*3,182*	*5,989*	*11,174*
Wis	119	89	90	20.4	17.6	18.1	172	197	201	3,180	7,656	15,514
W.N.C	**704**	**573**	**575**	**283.6**	**272.9**	**273.7**	**403**	**477**	**476**	**36,272**	**89,572**	**176,345**
Minn	131	99	103	30.8	27.6	28.7	235	280	279	5,125	11,855	26,185
Iowa	154	126	126	33.8	33.0	33.6	210	262	266	9,181	23,754	52,347
Mo	147	116	122	32.7	29.8	30.8	222	258	253	4,928	11,811	22,557
N. Dak	49	43	41	42.7	42.4	42.0	875	992	1,020	2,654	6,266	14,826
S. Dak	50	43	40	45.6	46.0	44.6	917	1,074	1,124	2,814	6,656	11,570
Nebr	80	68	66	47.8	46.2	46.3	596	683	702	*5,232*	*13,017*	*24,631*
Kans	92	79	77	50.3	47.9	47.7	544	605	619	6,138	14,211	24,229
S.A	**468**	**296**	**326**	**77.0**	**60.9**	**62.1**	**164**	**206**	**191**	**16,157**	**34,987**	**61,229**
Del	4	3	4	.7	.6	.7	163	185	186	235	612	972
Md	21	15	19	3.2	2.6	2.7	153	174	145	1,349	2,791	5,180
Va	80	53	57	12.0	9.7	9.9	149	184	175	2,215	5,396	9,337
W. Va	35	17	21	5.3	3.5	3.9	153	207	188	478	1,050	2,325
N.C	148	91	89	14.4	11.2	11.4	97	123	127	3,622	6,634	12,121
S.C	56	29	33	8.1	6.2	6.3	144	211	189	1,403	2,887	4,892
Ga	83	55	59	17.9	13.9	13.8	215	253	235	2,431	6,576	10,821
Fla	41	32	44	15.4	13.2	13.4	380	407	304	4,423	9,041	15,581
E.S.C	**468**	**306**	**319**	**64.5**	**53.7**	**53.6**	**138**	**175**	**168**	*10,251*	*22,006*	*41,285*
Ky	133	102	110	16.3	14.4	15.0	122	141	137	2,958	6,158	13,098
Tenn	133	94	97	15.3	13.1	13.1	114	140	135	2,737	6,117	11,307
Ala	93	57	58	15.2	11.9	11.6	165	209	201	1,902	4,310	7,390
Miss	109	54	54	17.8	14.3	13.9	163	267	256	2,655	5,421	9,490
W.S.C	**436**	**328**	**372**	**204.8**	**191.0**	**197.5**	**469**	**582**	**531**	**25,660**	**53,369**	**92,909**
Ark	80	51	59	16.6	14.6	15.6	207	287	265	2,935	6,135	11,961
La	62	33	39	10.4	9.1	9.6	167	275	247	2,413	4,679	9,683
Okla	89	70	80	36.1	33.1	34.4	407	475	432	4,366	*9,992*	*17,763*
Tex	205	174	194	141.7	134.2	137.9	691	771	709	15,945	32,563	53,502
Mt	**134**	**112**	**128**	**268.0**	**253.0**	**254.6**	**1,998**	**2,262**	**1,991**	**13,650**	**32,028**	**58,566**
Mont	27	23	25	65.8	62.2	62.3	2,437	2,665	2,541	2,791	6,952	12,269
Idaho	30	24	27	15.3	14.3	14.9	516	603	561	2,022	4,833	8,783
Wyo	9	8	9	37.1	34.3	33.7	4,100	4,274	3,968	1,043	2,751	4,932
Colo	30	26	30	38.3	35.9	35.7	1,284	1,408	1,202	2,687	6,734	11,599
N. Mex	14	11	14	47.6	47.0	48.5	3,354	4,170	3,392	1,663	3,649	6,910
Ariz	6	6	8	40.6	37.9	38.6	6,262	6,539	5,030	2,141	4,197	7,833
Utah	16	12	14	12.9	10.6	10.6	817	871	763	910	1,998	4,238
Nev	2	2	3	10.5	10.8	10.4	4,862	5,209	3,620	393	915	2,002
Pac	**171**	**127**	**159**	**80.9**	**72.0**	**72.1**	**472**	**567**	**453**	*23,131*	*33,271*	*62,869*
Wash	46	29	38	19.1	16.7	17.0	418	567	451	2,931	5,828	11,956
Oreg	40	27	35	20.5	18.2	18.4	516	682	528	*2,349*	*4,552*	*9,303*
Calif	81	68	82	37.0	33.4	33.3	458	493	407	17,352	21,793	39,486
Alaska	(z)	(z)	(z)	2.0	1.6	1.3	5,129	5,612	3,359	18	69	140
Hawaii	5	3	4	2.4	2.1	2.0	484	702	459	481	1,029	1,784

Z Less than 500. [1] Value of land and buildings. For 1964, based on reports for a sample of farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1964*, vol. II; *1974*, vol. I; and unpublished data.

NO. 1209. FARMS—NUMBER AND ACREAGE, BY STATES: 1975 AND 1980

[1980 data preliminary. Based on 1974 census definition of farms and farmland; see text, p. 683. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM		STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM	
	1975	1980	1975	1980	1975	1980		1975	1980	1975	1980	1975	1980
U.S	**2,491**	**2,309**	**1,063**	**1,047**	**427**	**453**	Mo	127	117	32	32	255	276
							Mont	23	22	62	62	2,701	2,884
Ala	61	54	14	13	226	243	Nebr	67	63	48	48	715	759
Alaska	(z)	(z)	[1] 2	[1] 2	5,759	5,484	Nev	2	2	9	9	4,495	4,495
Ariz	6	6	41	40	6,817	7,088	N.H	3	3	1	1	212	181
Ark	60	57	17	17	283	295	N.J	8	8	1	1	130	129
Calif	68	60	34	32	504	538	N. Mex	11	11	47	47	4,159	4,207
Colo	28	26	39	38	1,406	1,478	N.Y	49	44	11	10	218	223
Conn	4	4	(z)	(z)	129	118	N.C	105	98	13	12	119	126
Del	4	3	1	1	185	207	N. Dak	42	40	42	42	993	1,042
Fla	35	35	14	14	403	394	Ohio	101	96	17	16	165	169
Ga	58	54	15	16	259	296	Okla	75	71	36	35	473	486
Hawaii	4	4	2	2	654	573	Oreg	30	31	19	19	628	610
Idaho	24	24	16	16	649	660	Pa	67	61	10	9	143	148
Ill	114	105	29	29	270	272	R.I	1	1	(z)	(z)	102	88
Ind	94	88	17	17	181	192	S.C	36	35	7	7	189	186
Iowa	130	119	34	34	262	286	S. Dak	44	41	45	45	1,045	1,109
							Tenn	102	92	14	14	137	148
Kans	78	72	49	48	624	669							
Ky	107	94	15	14	137	152	Tex	175	159	140	138	800	870
La	37	35	11	10	288	296	Utah	12	12	13	13	1,036	1,050
Maine	7	8	2	2	237	205	Vt	6	6	2	2	281	276
Md	16	16	3	3	174	170	Va	63	60	10	10	163	162
Mass	5	5	1	1	131	125	Wash	33	34	16	16	485	481
Mich	70	63	12	11	164	167	W. Va	20	20	4	4	213	214
Minn	104	104	30	30	291	291	Wis	101	94	19	19	191	198
Miss	68	48	16	15	228	322	Wyo	8	7	35	35	4,513	4,875

Z Less than 500 farms or 500,000 acres. [1] Farmland totals about 70,000 acres (excl. U.S. Government leased grazing land).

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Numbers*, annual.

NO. 1210. FARMS—NUMBER, BY VALUE OF PRODUCTS SOLD, BY STATES: 1978

[Preliminary]

STATE	With sales less than $2,500	WITH SALES OF—				STATE	With sales less than $2,500	WITH SALES OF—			
		$2,500-$9,999	$10,000-$39,999	$40,000-$99,999	$100,000 or more			$2,500-$9,999	$10,000-$39,999	$40,000-$99,999	$100,000 or more
U.S	**611,923**	**663,284**	**616,744**	**364,345**	**223,570**	**S.A—Con.**					
						W. Va	11,016	6,835	1,902	510	356
N.E	**11,313**	**6,536**	**5,015**	**4,370**	**2,923**	N.C	24,580	25,544	21,618	10,723	7,012
Maine	3,200	1,650	1,362	1,050	915	S.C	14,471	9,141	5,446	2,347	2,045
N.H	1,508	860	416	318	202	Ga	19,776	15,181	10,544	6,533	6,648
Vt	2,443	1,210	1,206	1,676	769	Fla	15,956	11,694	8,531	3,752	4,232
Mass	2,004	1,571	1,139	697	494						
R.I	357	211	159	85	53	**E.S.C**	**106,725**	**115,325**	**63,124**	**19,741**	**13,725**
Conn	1,801	1,034	733	544	490	Ky	26,569	43,835	29,721	7,239	2,638
						Tenn	33,385	39,125	17,080	4,608	2,594
M.A	**33,181**	**29,807**	**24,999**	**21,465**	**9,776**	Ala	22,875	17,256	8,800	4,491	4,118
N.Y	14,228	10,675	9,842	10,070	4,508	Miss	23,896	15,109	7,523	3,403	4,375
N.J	3,190	2,644	2,078	1,089	931						
Pa	15,763	16,488	13,079	10,306	4,337	**W.S.C**	**115,163**	**120,194**	**74,888**	**34,146**	**27,361**
						Ark	18,119	17,976	9,301	6,284	7,108
E.N.C	**86,162**	**110,535**	**128,444**	**84,042**	**43,030**	La	16,290	9,850	5,890	3,549	3,394
Ohio	21,980	28,206	26,114	13,051	6,470	Okla	20,749	26,977	20,459	7,615	3,730
Ind	16,777	23,712	25,420	14,028	8,521	Tex	60,005	65,391	39,238	16,698	13,129
Ill	13,381	20,084	32,737	26,304	17,264						
Mich	20,391	19,826	15,782	7,845	4,314	**Mt**	**30,005**	**29,136**	**33,270**	**20,374**	**15,096**
Wis	13,633	18,707	28,391	22,814	6,461	Mont	3,488	4,648	7,907	5,702	2,756
						Idaho	5,581	5,895	7,206	4,562	3,262
W.N.C	**67,073**	**119,707**	**193,042**	**131,665**	**63,619**	Wyo	1,449	1,704	2,531	1,660	1,156
Minn	15,231	19,544	33,338	24,908	9,963	Colo	7,032	6,703	7,804	4,526	3,622
Iowa	8,675	18,263	39,449	37,562	22,430	N. Mex	5,026	3,728	2,783	1,398	1,353
Mo	23,978	39,581	35,756	15,631	6,880	Ariz	2,601	1,575	1,225	704	1,571
N. Dak	2,258	6,226	18,386	10,858	3,444	Utah	4,008	4,148	3,234	1,465	988
S. Dak	2,740	6,634	15,903	10,758	3,632	Nev	820	735	580	357	388
Nebr	4,484	10,078	22,919	18,177	10,333						
Kans	9,707	19,381	27,291	13,771	6,937	**Pac**	**52,920**	**37,451**	**29,602**	**17,542**	**21,696**
						Wash	13,041	8,544	6,350	4,988	4,855
S.A	**109,381**	**94,593**	**64,360**	**31,000**	**26,344**	Oreg	13,804	9,198	5,782	3,165	2,926
Del	440	769	826	629	951	Calif	24,519	18,218	16,459	9,054	13,613
Md	4,873	5,464	3,927	2,467	2,254	Alaska	156	124	63	18	22
Va	18,269	19,965	11,566	4,039	2,846	Hawaii	1,400	1,367	948	317	280

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

No. 1211. Farms—Number, by Type, by States: 1974

[Covers farms with sales of $2,500 or more. A farm was coded in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) for each product group is shown in parentheses. For composition of regions, see fig. I, inside front cover]

Region and State	Total	Cash grain (011)	Cotton (0131)	Tobacco (0132)	Other field crops [1]	Vegetable (016)	Fruit and nut (017)	Livestock [2] (021)	Dairy (024)	Poultry and eggs (025)	All other [3]
U.S	1,695,047	580,254	30,725	95,493	81,415	19,548	51,270	493,816	196,057	42,690	103,779
Percent	100.0	34.2	1.8	5.6	4.8	1.2	3.0	29.1	11.6	2.5	6.1
Northeast	91,943	9,912	-	363	7,121	3,673	4,753	11,613	40,694	3,786	10,028
North Central	857,929	411,126	522	3,205	20,383	5,256	4,775	250,456	116,548	6,731	38,927
South	563,977	123,246	26,887	91,925	31,471	5,607	11,192	175,812	27,391	29,966	40,280
West	181,198	35,970	3,316	-	22,440	4,812	30,550	55,935	11,424	2,207	14,544
N.E	16,606	85	-	130	2,671	813	1,084	1,295	7,047	1,351	2,130
Maine	4,553	50	-	-	1,539	103	298	282	1,217	663	401
N.H	1,458	3	-	-	179	66	63	162	626	112	247
Vt	4,531	9	-	-	421	31	78	295	3,378	52	267
Mass	3,185	13	-	37	256	378	485	283	914	187	632
R.I	419	2	-	-	58	56	27	38	118	33	87
Conn	2,460	8	-	93	218	179	133	235	794	304	496
M.A	75,337	9,827	-	233	4,450	2,860	3,669	10,318	33,647	2,435	7,898
N.Y	32,198	2,920	-	-	2,325	1,209	2,318	2,883	17,247	581	2,715
N.J	5,506	1,113	-	-	302	1,061	393	434	739	277	1,187
Pa	37,633	5,794	-	233	1,823	590	958	7,001	15,661	1,577	3,996
E.N.C	360,427	177,533	-	2,980	7,764	4,517	4,381	69,790	72,838	3,761	16,863
Ohio	70,283	38,348	-	1,457	1,228	620	631	13,621	8,877	1,152	4,349
Ind	70,942	43,821	-	1,007	657	372	207	16,891	4,098	1,112	2,777
Ill	97,703	67,516	-	-	485	367	190	21,781	4,382	506	2,476
Mich	46,647	20,091	-	-	2,578	1,275	2,875	7,279	8,530	525	3,494
Wis	74,852	7,757	-	516	2,816	1,883	478	10,218	46,951	466	3,767
W.N.C	497,502	233,593	522	225	12,619	739	394	180,666	43,710	2,970	22,064
Minn	85,905	36,036	-	2	3,507	455	97	16,997	22,966	931	4,914
Iowa	117,075	55,342	-	-	678	74	76	49,509	6,616	645	4,135
Mo	82,385	28,574	522	221	2,125	106	172	41,597	5,249	894	2,925
N. Dak	40,661	28,797	-	-	1,800	5	2	6,135	1,425	57	2,440
S. Dak	39,818	12,380	-	-	1,288	8	1	20,126	2,959	135	2,921
Nebr	62,570	30,039	-	-	1,995	30	8	25,891	2,121	131	2,355
Kans	69,088	42,425	-	2	1,226	61	38	20,411	2,374	177	2,374
S.A	189,119	35,953	1,656	51,223	11,774	2,853	9,069	37,617	9,203	13,943	15,828
Del	2,988	1,414	-	-	50	70	10	114	167	1,004	159
Md	11,586	3,358	-	1,742	217	265	107	1,428	2,071	1,405	993
Va	31,697	4,396	-	8,689	1,846	255	485	9,897	2,632	983	2,514
W.Va	6,099	265	-	208	433	33	184	3,473	782	297	424
N.C	62,473	11,366	264	32,057	2,882	529	590	6,261	1,773	3,637	3,114
S.C	17,513	5,835	561	4,880	523	246	325	2,968	415	542	1,218
Ga	35,836	7,466	802	3,015	4,741	337	416	8,849	926	5,194	4,090
Fla	20,927	1,853	29	632	1,082	1,118	6,952	4,627	437	881	3,316
E.S.C	171,245	30,980	9,410	40,681	7,528	1,173	381	48,146	11,424	7,711	13,811
Ky	67,628	9,525	1	31,459	2,268	108	75	13,592	5,217	236	5,147
Tenn	48,292	9,577	1,716	9,183	1,937	354	85	16,522	4,152	846	3,920
Ala	29,269	5,958	2,432	39	2,620	480	173	9,436	718	4,712	2,701
Miss	26,056	5,920	5,261	-	703	231	48	8,596	1,337	1,917	2,043
W.S.C	203,613	56,313	15,821	21	12,169	1,781	1,742	90,049	6,764	8,312	10,641
Ark	31,270	10,606	2,319	1	701	291	173	9,492	1,076	5,498	1,113
La	18,542	6,707	2,000	20	1,887	278	138	4,539	1,442	461	1,070
Okla	47,793	16,175	1,107	-	2,746	133	75	22,733	1,479	470	2,875
Tex	106,008	22,825	10,395	-	6,835	1,079	1,356	53,285	2,767	1,883	5,583
Mt	90,069	24,587	1,293	-	13,166	819	1,477	37,439	5,297	405	5,586
Mont	20,177	8,804	-	-	1,607	12	76	8,511	304	32	831
Idaho	19,530	5,426	-	-	4,112	173	182	5,458	2,470	44	1,665
Wyo	6,885	975	-	-	1,022	4	-	4,393	194	9	288
Colo	21,055	7,117	-	-	2,922	202	331	8,277	740	90	1,376
N. Mex	7,736	757	523	-	1,119	183	93	4,555	153	17	336
Ariz	4,321	305	763	-	491	110	480	1,634	155	22	361
Utah	8,745	1,153	-	-	1,405	128	311	3,710	1,212	189	637
Nev	1,620	50	7	-	488	7	4	901	69	2	92
Pac	91,129	11,383	2,023	-	9,274	3,993	29,073	18,496	6,127	1,802	8,958
Wash	21,056	5,294	-	-	2,538	636	4,319	4,038	1,896	248	1,885
Oreg	17,017	3,050	-	-	2,447	747	1,992	5,414	1,134	217	2,016
Calif	50,763	3,020	2,023	-	3,833	2,047	22,286	8,635	3,046	1,282	4,591
Alaska	201	7	-	-	77	4	-	34	20	6	53
Hawaii	2,092	12	-	-	379	357	476	375	31	49	413

- Represents zero. [1] Includes farms with sugar crops, Irish potatoes, hay, peanuts, and other field crops. [2] Excludes dairy, poultry, and animal specialty farms. [3] Includes SIC codes 018, 0191, 027, 0291, and not classified.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. I.

No. 1212. Land Utilization, by Type: 1940 to 1974

[In millions of acres, except percent. For 1940 and 1950, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series J 50-65, for similar data]

TYPE	LAND					PERCENT				
	1940	1950	1959	1969	1974	1940	1950	1959	1969	1974
Total land area	**1,904**	**1,904**	**2,271**	**2,264**	**2,264**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Cropland used for crops [1]	368	377	359	333	361	19.3	19.8	15.8	14.7	16.0
Idle cropland	31	32	33	51	21	1.6	1.7	1.5	2.3	.9
Cropland used only for pasture	68	69	66	88	83	3.6	3.6	2.9	3.9	3.7
Grassland pasture [2]	650	631	633	604	598	34.1	33.1	27.9	26.7	26.4
Forest land [3]	608	601	728	723	718	31.9	31.6	32.1	31.9	31.7
Special uses [4]	179	194	148	174	182	9.4	10.2	6.5	7.7	8.0
Other land			304	291	301			13.4	12.9	13.3

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserve forest land in parks and other special uses of land. Includes forest grazing land. [4] Includes urban and transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics,* annual.

No. 1213. Irrigation of Agricultural Land—Summary: 1950 to 1978

[1978 preliminary. See also *Historical Statistics, Colonial Times to 1970,* series J 85-91]

ITEM	Unit	17 WESTERN STATES AND LOUISIANA [1]					ALL STATES		
		1950	1959	1969	1974	1978	1969	1974	1978
Approximate land area	Mil. acres	1,191	1,189	1,187	1,187	1,187	2,264	2,264	2,264
Farms, total	1,000	1,430	1,044	850	745	819	2,730	2,314	2,480
Irrigated	1,000	289	267	210	197	239	257	237	303
Percent irrigated of total farms	Percent	20.2	25.6	24.7	26.4	29.2	9.4	10.2	12.2
Land in farms, total	Mil. acres	699	715	700	680	686	1,063	1,017	1,031
In irrigated farms	Mil. acres	168	213	218	211	(NA)	238	229	(NA)
Land irrigated, total	Mil. acres	25	31	35	37	44	39	41	51
Percent irrigated of total farms	Percent	3.6	4.3	5.0	5.4	6.4	3.7	4.0	4.9

NA Not available. [1] Excludes Alaska and Hawaii.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1950, 1959, 1969,* and *1974, Irrigation of Agricultural Lands;* and unpublished data.

No. 1214. Federal Irrigation Projects: 1950 to 1978

YEAR	ENTIRE AREA			FULL IRRIGATION SERVICE [1]			SUPPLEMENTAL AND TEMPORARY IRRIGATION SERVICE [2]		
	Irrigable acreage (1,000)	Irrigated acreage (1,000)	Gross crop value (mil. dol.)	Irrigable acreage (1,000)	Irrigated acreage (1,000)	Gross crop value (mil. dol.)	Irrigable acreage (1,000)	Irrigated acreage (1,000)	Gross crop value (mil. dol.)
1950	6,025	5,077	578	3,305	2,716	311	2,720	2,361	267
1955	7,368	6,262	828	3,826	3,163	429	3,542	3,099	399
1960	8,171	6,900	1,158	4,326	3,488	581	3,845	3,412	577
1965	9,612	8,012	1,557	4,540	3,731	675	5,072	4,281	882
1970	10,198	8,570	1,882	4,844	4,037	847	5,354	4,533	1,035
1972	10,694	8,920	2,471	4,906	4,065	1,085	5,788	4,855	1,386
1973	10,884	9,202	3,902	4,906	4,160	1,593	5,978	5,042	2,309
1974	11,037	9,418	4,655	4,926	4,216	1,943	6,111	5,202	2,712
1975	10,930	9,309	4,419	4,925	4,213	1,858	6,005	5,096	2,561
1976	11,061	9,463	4,336	4,957	4,249	1,846	6,104	5,214	2,490
1977	11,234	9,132	4,395	4,974	4,206	1,771	6,260	4,926	2,624
1978	11,409	9,576	4,993	5,012	4,222	2,036	6,397	5,354	2,957

[1] Applies to irrigable land receiving its sole irrigation supply through Water and Power Resources Service-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Service. [2] Applies to irrigable land receiving irrigation water through Service projects in addition to supply from non-project sources and to land for which water is delivered under temporary arrangements.

Source: U.S. Water and Power Resources Service, *Water and Land Resource Accomplishments,* annual.

No. 1215. Farm Real Estate—Summary: 1960 to 1980

[Through **1975**, value data as of **Mar. 1**; beginning **1976**, as of **Feb. 1**. Excludes Alaska and Hawaii. 1960–1974, value data based on 1969 census definition of farms and farmland; beginning 1975, based on 1974 census definition, see text, p. 683]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total value	Bil. dol.	136.8	167.0	215.0	326.6	359.1	406.3	471.3	511.9	583.8	667.6
Land	Bil. dol.	104.5	132.6	175.5	269.8	297.2	336.8	390.7	424.8	485.5	556.8
Buildings	Bil. dol.	32.3	34.4	39.5	56.8	61.9	69.5	80.6	87.1	98.3	110.8
Avg. value per acre[1]	Dol.	117	147	196	302	339	385	448	488	559	640
Index	1967 = 100	68	86	117	187	213	242	283	308	351	401
Avg. value, operating unit	$1,000	34.6	49.9	73.0	117.0	144.4	165.8	195.9	216.4	250.7	289.6
Farm real estate sales[2]	1,000	(NA)	[3]113.6	89.0	115.5	86.9	76.0	74.5	70.8	68.2	68.3
Acres sold	Mil.	(NA)	[3]26.5	22.0	39.0	24.7	21.0	20.6	22.5	22.8	21.1
Value	Bil. dol.	(NA)	[3]5.3	5.4	13.2	10.6	11.0	13.4	12.9	14.1	16.5

NA Not available. [1]Land and buildings. [2]Voluntary and estate sales of 10 acres or more. [3]1966 data.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Real Estate Market Developments*, annual.

No. 1216. Farm Real Estate—Value of Land and Buildings, by States: 1970 to 1980

[*See headnote, table 1215, See also Historical Statistics, Colonial Times to 1970*, series K 16]

STATE	VALUE OF LAND AND BUILDINGS (mil.dol.)				AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE				INDEXES OF AVERAGE VALUE PER ACRE (1967 = 100)			
	1970	1975	1979	1980	1970	1975	1979	1980	1970	1975	1979	1980
U.S.	**215,042**	**359,130**	**583,757**	**667,570**	**$196**	**$339**	**$559**	**$640**	**117**	**213**	**351**	**401**
Ala.	2,960	5,023	6,798	8,371	200	364	515	639	121	233	328	407
Ariz.	2,891	4,540	5,427	[1]6,060	70	111	134	[1]150	127	211	[1]272	[1]305
Ark.	4,576	7,123	11,609	13,927	260	419	691	829	129	191	316	379
Calif.	17,531	22,398	30,233	36,273	479	653	936	1,123	110	133	191	229
Colo.	3,771	7,294	12,616	14,628	95	188	332	388	105	209	369	432
Conn.	543	[1]747	[1]971	[1]1,049	921	[1]1,525	[1]2,158	[1]2,331	134	[1]257	[1]365	[1]394
Del.	357	646	1,070	1,251	499	971	1,725	2,018	116	242	430	503
Fla.	5,254	[2]9,658	[2]12,834	[2]15,139	355	[2]685	[2]930	[2]1,097	121	[2]224	[2]303	[2]358
Ga.	4,072	7,110	9,561	10,912	234	474	609	682	136	298	386	432
Idaho	2,744	5,255	7,518	8,572	177	339	485	553	120	243	349	399
Ill.	14,455	24,449	51,258	55,169	490	846	1,786	1,929	107	209	441	476
Ind.	7,105	12,240	25,316	29,119	406	720	1,498	1,723	104	200	415	477
Iowa	13,485	24,518	49,572	58,004	392	719	1,458	1,706	114	234	475	556
Kans.	7,934	14,415	21,063	24,004	159	296	437	498	107	211	310	353
Ky.	4,124	6,277	11,405	12,570	253	427	792	879	116	203	374	415
La.	3,788	5,376	7,859	10,037	321	512	763	984	116	191	286	369
Maine	308	[1]549	[1]795	[1]859	161	[1]341	[1]485	[1]524	128	[1]257	[1]365	[1]394
Md.	1,971	3,026	5,037	6,252	640	1,060	1,799	2,249	138	248	420	525
Mass.	424	[1]644	[1]888	[1]959	565	[1]961	[1]1,366	[1]1,475	126	[1]257	[1]365	[1]394
Mich.	4,140	6,360	10,123	11,434	326	553	955	1,069	113	184	319	364
Minn.	6,983	12,999	25,876	30,542	226	429	854	1,008	118	242	483	570
Miss.	4,046	5,874	7,644	9,121	234	379	520	629	125	204	279	338
Mo.	7,437	12,830	21,770	26,357	224	396	674	816	124	214	364	440
Mont.	3,852	6,989	11,532	13,516	60	112	186	218	124	237	394	461
Nebr.	7,407	13,508	22,466	25,621	154	282	470	536	115	215	360	410
Nev.	477	764	935	[1]1,043	53	85	104	[1]116	155	299	[1]272	[1]305
N.H.	160	[1]310	[1]465	[1]502	239	[1]564	[1]802	[1]866	149	[1]257	[1]365	[1]394
N.J.	1,158	1,807	2,200	2,376	1,092	1,807	2,222	2,400	144	340	418	451
N. Mex.	2,008	3,666	4,670	[1]5,230	42	78	100	[1]112	120	197	[1]272	[1]305
N.Y.	3,058	5,457	6,420	6,674	273	510	642	681	123	275	347	368
N.C.	5,062	7,375	10,074	10,886	333	590	819	885	113	216	299	323
N. Dak.	3,939	8,130	12,757	14,675	94	195	306	352	120	265	413	475
Ohio	7,022	11,790	24,711	27,751	399	706	1,516	1,713	115	208	448	506
Okla.	6,418	10,721	15,470	18,009	173	302	442	522	115	212	312	368
Oreg.	3,015	4,712	6,154	5,952	150	250	330	320	137	228	302	293
Pa.	3,805	7,046	11,205	12,330	373	734	1,245	1,370	145	315	537	591
R.I.	56	[1]94	[1]134	[1]145	734	[1]1,500	[1]2,133	[1]2,304	132	[1]257	[1]365	[1]394
S.C.	2,166	3,176	3,783	4,089	261	467	582	629	124	273	341	368
S. Dak.	3,822	6,590	11,681	13,271	84	145	257	292	112	214	380	432
Tenn.	4,127	6,538	9,165	10,105	268	467	669	743	123	236	338	375
Tex.	21,134	34,020	49,100	56,882	148	243	354	411	119	193	282	327
Utah	1,214	2,416	3,392	[1]3,742	92	188	265	[1]297	137	232	[1]272	[1]305
Vt.	450	[1]818	[1]1,143	[1]1,235	224	[1]462	[1]657	[1]710	155	[1]257	[1]365	[1]394
Va.	3,260	5,747	8,381	9,137	286	558	864	942	121	250	386	421
Wash.	3,718	5,635	9,435	9,902	224	350	586	615	124	178	297	312
W. Va.	694	1,278	1,973	2,169	136	300	472	519	137	317	498	548
Wis.	4,663	8,376	15,091	17,261	232	434	807	928	124	240	446	513
Wyo.	1,456	2,816	4,177	4,458	41	80	119	127	116	218	322	345

[1]Dollar values based on average rate of change for region. Index based on weighted average. [2]Indexes based on percentage change in Georgia and Alabama. Dollar value based on the resulting index.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Real Estate Market Developments*, annual.

NO. 1217. BALANCE SHEET OF THE FARMING SECTOR: 1960 TO 1980

[**In billions of dollars, except percent.** As of **January 1.** See also *Historical Statistics, Colonial Times to 1970,* series K 204–219, for data before revisions]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Assets	**210.28**	**243.8**	**314.9**	**351.8**	**394.8**	**478.5**	**506.2**	**569.8**	**644.3**	**697.6**	**804.2**	**921.4**
Annual percent increase [1]	4.5	3.0	5.8	5.7	12.2	21.2	5.8	12.6	13.1	8.3	16.1	14.6
Physical assets:												
Real estate	137.2	167.5	215.8	239.6	267.3	327.7	360.4	407.7	473.0	513.7	586.1	670.4
Non-real estate:												
Livestock [2]	15.3	14.5	23.5	27.3	34.1	42.4	24.5	29.5	29.0	31.9	51.3	61.2
Machinery, motor vehicles	22.7	24.8	32.3	36.6	39.3	44.2	55.7	65.0	71.9	77.1	84.0	96.5
Crops stored [3]	7.7	9.2	10.9	11.8	14.5	22.1	23.3	21.3	22.0	24.9	28.4	34.3
Household furnishings, equipment	9.2	8.4	9.6	10.8	11.9	12.3	12.6	13.0	13.8	15.6	18.0	20.5
Financial assets:												
Deposits and currency	9.2	9.6	11.9	13.2	14.0	14.9	14.0	15.6	16.0	15.2	15.5	15.9
United States savings bonds	4.7	4.2	3.7	3.7	4.0	4.1	3.8	4.4	4.4	3.9	4.2	4.0
Investments in cooperatives	4.2	5.6	7.2	8.8	9.7	10.8	11.9	13.3	14.2	15.3	16.7	18.6
Claims	**210.2**	**243.8**	**314.9**	**351.8**	**394.8**	**478.5**	**506.2**	**569.8**	**644.3**	**697.6**	**804.2**	**921.4**
Liabilities	24.8	36.8	53.0	59.1	65.3	74.1	81.8	90.8	102.7	119.3	136.1	157.3
Real estate debt	12.0	18.9	29.2	32.2	35.7	41.3	46.3	51.1	56.6	63.7	70.8	82.1
Non-real estate debt to—												
Commodity Credit Corp. [4]	1.2	1.6	2.7	2.3	1.8	.7	.3	.3	1.0	4.5	5.3	4.5
Other reporting agencies [5]	6.6	10.0	15.8	19.6	22.0	26.2	29.2	33.1	37.8	42.6	49.6	59.0
Nonreporting creditors [6]	4.9	6.3	5.3	5.0	5.8	5.9	6.0	6.3	7.3	8.4	10.4	11.7
Proprietors' equities	185.4	207.0	261.9	292.7	327.5	404.4	424.4	479.0	541.6	578.3	668.1	764.1

[1] Average change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Beginning 1965, excludes horses and mules. [3] Includes all crops held on farms and crops held off farms by farmers as security for CCC loans. The latter totaled $1,021 million on Jan. 1, 1980. [4] Nonrecourse CCC loans secured by crops owned by farmers are included as assets in this balance sheet. [5] Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. [6] Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperative Service, *Balance Sheet of the Farming Sector,* annual through 1979; beginning 1980, *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979,* August 1980.

NO. 1218. GROSS FARM PRODUCT—SUMMARY: 1960 TO 1979

[**In billions of dollars.** For definition of gross product and current and constant dollars, see text, pp. 435–437. Minus sign (−) denotes decrease. See *Historical Statistics, Colonial Times to 1970,* series K 220–239, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS											
Total value of farm output [1]	**38.2**	**44.1**	**54.9**	**67.0**	**96.3**	**97.8**	**99.5**	**101.1**	**106.7**	**122.9**	**144.6**
Farm marketings cash receipts [2]	34.4	39.4	50.4	64.4	87.2	92.7	88.1	94.5	95.5	111.1	131.2
Farm products consumed [3]	1.2	.8	.8	.8	1.1	1.3	1.3	1.3	1.3	1.4	[4] 11.7
Change in farm inventories	.3	1.0	.1	.6	3.2	−1.8	3.5	−2.0	1.2	1.1	1.7
Gross rental value of farm homes	2.1	2.5	3.0	3.5	3.9	4.7	5.4	6.0	7.2	7.7	(4)
Less: Intermediate products consumed	17.7	21.8	28.5	34.5	45.5	49.0	49.6	54.2	57.0	62.8	73.7
Plus: Other items	−.2	−.3	−.5	−.5	−.8	−.9	−.7	−.5	−.5	−.7	−.8
Equals: Gross farm product	**20.2**	**22.0**	**25.9**	**32.0**	**50.1**	**48.0**	**49.2**	**46.4**	**49.2**	**59.5**	**70.2**
Less: Capital consumption allowances [5]	4.1	4.8	6.4	7.4	8.4	9.9	11.9	13.0	14.3	15.7	17.0
Indirect business taxes	1.3	1.5	2.0	2.1	2.1	2.3	2.5	2.7	3.0	3.2	3.2
Plus: Govt. payments to farm landlords	.5	2.1	3.3	3.5	2.3	.5	.7	.6	1.6	2.7	1.6
Equals: Income	**15.5**	**17.9**	**20.8**	**26.0**	**41.8**	**36.2**	**35.6**	**31.3**	**33.5**	**43.3**	**51.6**
CONSTANT (1972) DOLLARS											
Total value of farm output [1]	**52.2**	**57.1**	**63.0**	**67.0**	**68.5**	**65.4**	**65.9**	**66.6**	**70.1**	**71.0**	**72.4**
Farm marketings cash receipts [2]	45.7	50.4	57.5	61.4	61.3	60.6	59.7	63.5	65.4	66.0	66.9
Farm products consumed [3]	1.7	1.1	.9	.8	.9	1.0	1.0	1.0	.9	.8	[4] 4.6
Change in farm inventories	.3	1.1	.4	.6	2.3	−.3	1.2	−1.9	−.1	.3	.9
Gross rental value of farm homes	4.1	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.8	(4)
Less: Intermediate products consumed	**22.3**	**26.7**	**31.3**	**34.5**	**35.8**	**32.6**	**31.7**	**33.9**	**35.4**	**36.5**	**37.2**
Plus: Other items	−.3	−.4	−.6	−.5	−.4	−.6	−.5	−.4	−.4	−.4	−.4
Equals: Gross farm product	**29.5**	**30.1**	**31.1**	**32.0**	**32.3**	**32.2**	**33.7**	**32.4**	**34.4**	**34.2**	**34.8**

[1] Includes other farm income not shown separately. [2] Includes CCC loans. [3] In households where raised. [4] Gross rental value of farm homes and other farm income included in farm products consumed. [5] With capital consumption adjustments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–74, Survey of Current Business,* July issues, and unpublished data.

No. 1219. Production Assets Used in Agriculture: 1960 to 1980

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Total [1]	**Bil. dol.**	**162.8**	**193.1**	**256.3**	**286.7**	**322.6**	**394.5**	**392.4**	**444.7**	**510.3**	**553.1**	**627.1**	**717.8**
Average—													
Per farm [2]	$1,000	*39.7*	*57.6*	86.9	100.2	114.3	141.1	157.5	181.2	211.8	233.4	268.8	310.9
Per farm worker	$1,000	22.2	31.6	55.8	64.4	73.5	90.7	90.1	101.3	122.5	139.3	165.9	199.0

[1] Includes farm real estate less value of operators' dwellings; livestock; machinery; motor vehicles (25 percent of the value of automobiles and 74 percent of the value of trucks); one-half of the Jan. 1 inventory value of feed crops (excluding those under CCC loan), hay and forage stored on farms; and working capital needed to meet farm production expenses. [2] 1960–1974 based on 1969 census farm definition; beginning 1975, based on 1974 census farm definition. See text, p. 683.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Balance Sheet of the Farming Sector*, annual through 1979; beginning 1980, *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, August 1980.

No. 1220. Farm Debt Outstanding, by Type of Lender: 1960 to 1980

[**In billions of dollars, except percent.** As of **Jan. 1.** See also *Historical Statistics, Colonial Times to 1970*, series K 361–367 and K 376–380]

LENDER	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 [1]
Farm debt, total	**24.8**	**36.8**	**53.0**	**65.3**	**74.1**	**81.8**	**90.8**	**102.6**	**119.3**	**136.1**	**157.3**
Annual percent change [2]	*7.1*	8.2	7.6	7.2	13.5	10.4	*11.0*	*13.0*	16.2	14.1	15.6
Farm debt/asset ratio (*percent*)	11.8	15.1	16.8	16.5	15.5	16.2	16.0	16.0	17.1	16.9	17.1
Real estate debt	12.1	18.9	29.2	35.8	41.3	46.3	51.1	56.6	63.3	70.8	82.1
Federal land banks	2.3	3.7	6.7	9.1	10.9	13.4	16.0	18.5	21.4	24.6	29.6
Life insurance companies	*2.8*	*4.3*	5.7	5.6	6.0	6.3	6.7	7.4	8.8	10.5	12.2
Commercial and savings banks	1.5	2.4	3.5	4.8	5.5	6.0	*6.3*	*6.8*	7.8	8.6	8.6
Farmers Home Administration [3]	.7	1.3	2.3	2.8	3.0	3.2	3.4	3.7	4.0	4.1	6.6
Individuals and others [4]	*4.8*	*7.2*	11.0	13.4	15.9	17.4	18.7	20.3	21.7	23.1	25.1
Non-real estate debt	12.7	17.9	23.8	29.6	32.9	35.5	39.8	46.1	55.6	65.2	75.2
Commercial and savings banks	*4.9*	*7.0*	10.3	14.3	17.2	18.2	20.2	23.3	25.7	28.3	31.0
Production credit associations [5]	1.4	2.4	4.7	6.9	8.2	9.9	11.1	12.6	*13.8*	15.5	19.0
Farmers Home Administration	.4	.6	.8	.8	.9	1.0	1.8	1.9	3.1	5.8	9.0
Individuals and others [6]	*4.9*	*6.3*	5.3	5.8	5.9	6.1	6.4	7.3	8.4	10.4	11.7
Commodity Credit Corporation	1.2	1.5	2.7	1.8	.8	.3	.4	*1.0*	4.5	5.2	4.5

[1] *Preliminary.* [2] Annual change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see *Guide to Tabular Presentation.* [3] Includes direct and insured farm ownership, farm housing, soil and water and recreation loans secured by farm real estate. [4] Includes seller and other individual financing of farm real estate sales and unclassified credit sources. [5] Also includes Federal intermediate credit bank loans to financial groups other than production credit associations. [6] Includes merchants and dealers, individuals, Small Business Administration, and all other unclassified credit sources.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Balance Sheet of the Farming Sector*, annual through 1979; beginning 1980, *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, August 1980.

No. 1221. Cash Sources and Uses of Funds for the Farm Sector: 1965 to 1979

[**In billions of dollars.** Excludes funds from sale of real estate to nonfarm sector. Gross farm operating expenses have been deducted from gross farm income]

SOURCE AND USE	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Total funds	**33.0**	**39.9**	**53.6**	**74.9**	**73.1**	**69.0**	**74.5**	**76.5**	**88.9**	**97.1**
Sources:										
Net cash farm and nonfarm income	28.9	37.6	46.9	65.0	65.0	60.0	63.3	63.4	71.4	76.8
Net flow of real estate loans	2.3	1.1	3.5	5.6	5.0	4.8	5.5	7.1	8.6	10.8
Net flow of other loans [1]	1.8	1.2	3.2	4.3	3.1	4.2	5.7	6.0	8.9	9.5
Uses:										
Personal consumption [2]	21.7	26.6	33.5	50.0	49.9	44.9	46.2	46.8	54.0	59.5
Purchased capital	11.3	13.3	20.1	24.9	23.2	24.1	28.3	29.7	34.9	37.6
Purchases of real estate [3]	*4.3*	4.5	9.0	11.7	9.5	9.7	11.9	11.5	12.5	12.8
Purchases of machinery and motor vehicles	4.1	4.9	5.7	7.6	8.2	8.7	10.0	10.5	12.0	12.5
Capital improvement to real estate assets	1.9	2.4	2.4	3.1	4.4	4.7	5.0	5.7	6.2	6.5
Other capital purchases [4]	*1.0*	*1.5*	3.0	2.5	1.1	1.0	1.4	2.0	4.2	5.8

[1] Excludes CCC loans. [2] Includes other cash uses. [3] Covers purchases from discontinuing proprietors. [4] Includes net additions to household furnishings, commercial bank deposits and currency, and purchases of breeding livestock.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Finance Outlook*, annual.

No. 1222. Farm Income and Expenses: 1960 to 1979

[**In millions of dollars, except as indicated.** Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970,* series K 192, K 259–260, K 264–285, and K 326]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Gross income from farming	**38,894**	**46,549**	**58,575**	**98,911**	**98,340**	**100,338**	**101,812**	**108,122**	**126,872**	**149,577**
Marketings, cash receipts	34,248	39,365	50,539	87,068	92,449	88,209	94,780	95,762	112,520	131,459
Crops	15,259	17,479	20,976	41,132	51,090	45,150	48,668	48,338	53,482	62,820
Livestock	18,989	21,886	29,563	45,936	41,359	43,059	46,112	47,425	59,038	68,639
Government payments	702	2,463	3,717	2,607	531	807	734	1,819	3,030	1,375
Value of home consumption	1,205	811	751	1,104	1,295	1,269	1,334	1,301	1,378	1,447
Rental value of dwellings	2,098	2,481	3,019	3,913	4,687	5,420	5,973	7,074	7,845	9,104
Other farm income	244	387	543	813	989	1,233	1,357	1,561	1,702	2,124
Value of change in inventories	397	1,042	6	3,406	–1,611	3,400	–2,366	605	397	4,068
Expenses of farm production	**27,376**	**33,650**	**44,424**	**65,562**	**72,210**	**75,863**	**83,130**	**90,293**	**100,791**	**118,618**
Operating expenses [1]	16,696	20,100	26,823	40,325	44,371	45,566	50,601	54,775	61,918	74,586
Feed purchased	4,552	5,674	8,028	13,224	14,513	12,647	14,370	14,054	14,329	17,004
Livestock purchased	2,506	2,912	4,324	8,065	5,131	4,950	5,871	7,033	10,113	12,684
Seed purchased [2]	519	720	927	1,617	2,082	2,293	2,537	2,904	3,054	3,400
Fertilizer and lime	1,344	1,994	2,390	3,354	5,808	6,383	6,141	6,142	6,193	6,692
Repairs and maintenance [3]	3,982	3,943	4,539	5,229	6,659	7,806	9,096	10,121	11,267	13,665
Miscellaneous [4]	3,793	4,857	6,615	8,836	10,178	11,487	12,586	14,521	16,961	21,140
Depreciation [5]	4,337	5,111	6,760	8,945	10,563	12,586	13,813	15,342	16,795	18,954
Taxes on farm property	1,529	1,874	2,596	2,888	3,096	3,333	3,607	3,940	4,019	4,259
Interest, farm mortgage debt	628	1,075	1,764	2,495	3,044	3,421	3,852	4,365	5,120	6,260
Wages paid hired farm labor	3,062	3,604	4,349	5,232	6,036	6,357	7,037	7,813	8,087	9,239
Net rent to nonoperator landlords	1,124	1,886	2,132	5,679	5,100	4,600	4,220	4,058	4,852	5,320
Net income of farm operators from farming	**11,518**	**12,899**	**14,151**	**33,349**	**26,130**	**24,475**	**18,682**	**17,829**	**26,081**	**30,959**
In constant (1967) dollars	12,985	13,650	12,168	25,056	17,691	15,183	10,957	9,823	13,347	14,234
Avg. income per farm [6] (dol.)	2,907	3,843	4,799	11,813	9,349	8,845	6,824	7,401	11,005	13,270

[1] Excluding hired labor. [2] Includes bulbs, plants, and trees. [3] Includes expenditures for repairs and maintenance of farm buildings, petroleum fuel and oil, other motor-vehicle operations, and repairs on other machinery. [4] Includes interest on non-real estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing changes, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (incl. blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous. [5] Includes other consumption of farm capital. [6] 1960–1976 based on 1969 census farm definition; beginning 1977 based on 1974 census definition. See text, p. 683.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Income Statistics,* annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979,* October 1980.

No. 1223. Personal Income of the Farm Population: 1965 to 1979

[**In millions of dollars, except as indicated.** See *Historical Statistics, Colonial Times to 1970,* series K 256–258 and K 261–263, for data prior to revisions]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Net income of farm operators [1]	**12,899**	**14,151**	**33,349**	**26,130**	**24,475**	**18,682**	**17,829**	**26,081**	**30,959**
Less: Net income of nonresident operators	1,961	2,179	5,002	3,867	3,671	2,896	2,853	4,303	5,108
Plus: Wages, salaries, and other labor income of workers [2]	1,261	1,422	1,537	1,776	1,760	1,703	2,274	2,858	3,855
Less: Contributions of operators and workers to social insurance [2]	231	389	654	686	676	706	772	866	975
Equals: Personal income of farm population from farm sources	11,968	13,005	29,230	23,353	21,888	16,783	16,478	23,770	28,731
Plus: Personal income of farm population from nonfarm sources	10,627	14,473	19,690	21,798	22,660	23,500	20,986	24,772	26,595
Equals: Personal income of farm population	22,595	27,478	48,920	45,151	44,548	40,283	37,464	48,542	55,326
Per capita personal income:									
From all sources (dol.)	1,828	2,829	5,165	4,874	5,026	4,881	6,048	7,467	8,865
From farm sources (dol.)	968	1,339	3,086	2,521	2,469	3,034	2,660	3,656	4,604
From nonfarm sources (dol.)	860	1,490	2,079	2,353	2,556	2,847	3,388	3,810	4,261
Per capita disposable personal income:									
Of farm population (dol.)	1,692	2,520	4,700	4,355	4,520	4,316	5,262	6,422	7,535
Of nonfarm population (dol.)	2,480	3,389	4,266	4,660	5,113	5,553	6,040	6,676	7,358
Percent farm of nonfarm	68.2	74.1	110.2	93.5	88.4	77.7	87.1	96.2	102.4

[1] Income from farming; includes government payments. [2] Farm residents only.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979,* October 1980.

No. 1224. Farms, Farm Income, and Expenses, by Value of Sales: 1975 to 1979

[See table 1222 for components of income and expenses]

Farms with value of sales of—	Number of farms [1] (1,000)	Gross income [2] (bil. dol.)	Cash receipts [3] (bil. dol.)	Production expenses (bil. dol.)	Net income [2] (bil. dol.)	Percent distribution: Number of farms [1]	Gross income [2]	Cash receipts [3]	Production expenses	Net income [2]
1975: Less than $2,500	1,005	3.3	1.1	2.0	1.3	36.3	3.4	1.2	2.6	6.4
$2,500-$4,999	329	2.1	1.4	1.6	.5	11.9	2.2	1.6	2.2	2.3
$5,000-$9,999	323	3.5	2.8	2.6	.9	11.7	3.6	3.1	3.5	4.2
$10,000-$19,999	328	6.3	5.6	4.6	1.7	11.9	6.5	6.2	6.1	8.1
$20,000-$39,999	324	11.7	10.9	8.4	3.3	11.7	12.1	12.1	11.0	15.7
$40,000-$99,999	316	23.7	22.8	17.4	7.3	11.4	24.5	25.2	23.0	29.7
$100,000-$199,999	94	15.0	14.7	11.5	3.5	3.4	15.5	16.3	15.2	16.8
$200,000 or more	48	31.3	31.0	27.7	3.6	1.7	32.2	34.3	36.5	16.8
1977: Less than $2,500	666	3.0	1.0	2.1	.9	27.6	2.8	1.0	2.3	5.6
$2,500-$4,999	307	2.3	1.4	1.9	.4	12.7	2.1	1.4	2.1	2.5
$5,000-$9,999	305	3.7	2.7	2.9	.8	12.7	3.4	2.7	3.2	4.4
$10,000-$19,999	313	6.4	5.5	5.0	1.4	13.0	6.0	5.5	5.5	8.4
$20,000-$39,999	320	12.2	11.1	9.2	3.0	13.3	11.3	11.2	10.2	17.3
$40,000-$99,999	341	26.4	25.0	20.6	5.8	14.2	24.6	25.2	22.9	33.6
$100,000-$199,999	104	17.0	16.4	13.8	3.1	4.3	15.8	16.5	15.3	18.0
$200,000 or more	53	36.5	36.1	34.8	1.8	2.2	34.0	36.5	38.5	10.2
1978: Less than $2,500	609	3.0	1.0	1.9	1.1	25.7	2.4	.8	1.9	4.1
$2,500-$4,999	275	2.2	1.3	1.7	.5	11.6	1.7	1.1	1.6	2.0
$5,000-$9,999	281	3.5	2.6	2.6	.9	11.9	2.8	2.2	2.6	3.6
$10,000-$19,999	294	6.2	5.2	4.5	1.7	12.4	4.9	4.4	4.5	6.7
$20,000-$39,999	323	12.6	11.4	8.9	3.7	13.6	10.0	9.7	8.8	14.5
$40,000-$99,999	398	31.4	29.6	23.0	8.4	16.8	24.8	25.2	22.8	32.7
$100,000-$199,999	126	20.8	20.0	16.0	4.8	5.3	16.4	17.1	15.9	18.6
$200,000 or more	64	46.8	46.2	42.2	4.6	2.7	37.0	39.5	41.9	17.8
1979: Less than $2,500	555	2.9	.8	1.9	1.0	23.8	2.0	.6	1.6	3.8
$2,500-$4,999	242	2.0	1.1	1.6	.4	10.4	1.4	.8	1.3	1.6
$5,000-$9,999	250	3.2	2.2	2.4	.8	10.7	2.2	1.6	2.1	2.8
$10,000-$19,999	274	5.8	4.8	4.3	1.5	11.7	4.0	3.5	3.6	5.5
$20,000-$39,999	327	12.6	11.2	9.2	3.4	14.0	8.7	8.3	7.8	12.7
$40,000-$99,999	459	35.8	33.4	26.9	9.0	19.7	24.6	24.8	22.6	33.4
$100,000-$199,999	150	24.6	23.6	19.2	5.4	6.4	16.9	17.5	16.2	20.0
$200,000 or more	76	58.5	57.9	53.1	5.4	3.3	40.2	42.9	44.8	20.2

[1] 1975 based on 1969 census definition; beginning 1977 based on 1974 census definition. See text, pp. 683 and 684. [2] Data are before inventory adjustment. [3] Includes government payments and other farm income.

No. 1225. Government Payments to Farms by Program, and by Value of Farm Sales: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series K 326-329]

Item	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total [1]	**Mil. dol**	**702**	**2,463**	**3,717**	**2,607**	**531**	**807**	**734**	**1,819**	**3,030**	**1,375**
Feed grain	Mil. dol	-	1,391	1,504	1,142	101	279	196	187	1,172	494
Wheat	Mil. dol	-	525	871	474	70	77	135	887	963	114
Cotton	Mil. dol	-	70	919	718	42	138	108	89	127	185
Conservation	Mil. dol	223	224	208	72	192	181	195	197	194	179
Soil Bank	Mil. dol	370	160	2	-	-	-	-	-	-	-
Sugar Act	Mil. dol	59	75	88	82	78	61	-	65	-	-
Wool	Mil. dol	51	18	49	65	(z)	-	-	-	-	-
Payments to farms with sales of:											
Less than $2,500	Mil. dol	100	288	276	150	34	37	25	54	78	30
$2,500-$4,999	Mil. dol	81	208	257	130	35	44	32	76	106	40
$5,000-$9,999	Mil. dol	144	396	408	190	42	60	48	119	167	63
$10,000-$19,999	Mil. dol	159	627	684	326	65	94	75	184	267	105
$20,000-$39,999	Mil. dol	111	487	842	464	93	175	168	416	646	275
$40,000-$99,999	Mil. dol	77	310	722	664	128	233	245	615	1,109	534
$100,000 to $199,999	Mil. dol	30	147	269	323	56	89	92	228	423	212
$200,000 and over	Mil. dol			259	360	78	75	49	127	234	116
Avg. payment per farm [2]	**Dol**	**177**	**734**	**1,260**	**924**	**190**	**292**	**268**	**755**	**1,278**	**589**
Farms with sales of—											
Less than $2,500	Dol	54	194	235	145	34	37	26	81	128	54
$2,500-$4,999	Dol	131	451	608	381	107	134	102	248	385	165
$5,000-$9,999	Dol	218	780	1,015	569	130	186	154	390	594	252
$10,000-$19,999	Dol	320	1,351	1,754	964	198	284	235	588	908	383
$20,000-$39,999	Dol	489	1,739	2,583	1,410	284	537	520	1,300	2,000	841
$40,000-$99,999	Dol	856	2,480	4,056	2,135	387	737	725	1,804	2,786	1,163
$100,000 to $199,999	Dol	1,304	4,083	6,897	3,549	560	947	893	2,192	3,357	1,413
$200,000 and over	Dol			14,389	7,826	1,560	1,562	942	2,396	3,656	1,526

- Represents zero. Z Less than $500,000. [1] Data by type of program include cropland adjustment beginning 1970, and miscellaneous programs beginning 1973, not shown separately. [2] 1960-1976 based on 1969 census definition; beginning 1977 based on 1974 census definition.

Source of tables 1224 and 1225: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Income Statistics*, annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, October 1980.

No. 1226. Income Per Farm, by Value of Sales: 1975 to 1979

[**In thousands of dollars.** Net income data are before inventory adjustment. See also footnote 1, table 1224]

VALUE OF SALES	1975			1977			1978			1979		
	Total	Off-farm	Net	Total	Off-farm	Net	Total	Off-farm	Net	Total	Off-farm	Net
Total, all farms	**17.5**	**9.9**	**7.6**	**17.7**	**10.5**	**7.2**	**23.0**	**12.2**	**10.8**	**26.2**	**14.7**	**11.5**
Less than $2,500	14.2	12.9	1.3	15.2	13.8	1.4	18.2	16.4	1.8	22.3	20.5	1.8
$2,500-$4,999	13.7	12.2	1.5	15.1	13.7	1.4	18.2	16.3	1.9	22.0	20.3	1.7
$5,000-$9,999	12.9	10.2	2.7	14.1	11.6	2.5	16.9	13.7	3.2	20.0	17.0	3.0
$10,000 to $19,999	13.1	7.9	5.2	13.6	9.0	4.6	16.4	10.6	5.8	18.6	13.2	5.4
$20,000 to $39,999	16.1	5.8	10.3	16.0	6.7	9.3	19.4	7.9	11.5	20.3	9.8	10.5
$40,000 to $99,999	24.8	5.0	19.8	22.9	5.9	17.0	28.0	6.9	21.1	28.2	8.7	19.5
$100,000 or more	57.9	8.1	49.8	40.3	9.4	30.9	59.9	10.8	49.1	61.2	13.4	47.8

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Income Statistics*, annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979* October, 1980.

No. 1227. Indexes of Prices Received and Paid by Farmers: 1960 to 1979

[**1967 = 100, except as noted.** See also *Historical Statistics, Colonial Times to 1978*, series K 344-353]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 [1]
Prices received, all products	**95**	**98**	**110**	**113**	**125**	**179**	**192**	**185**	**186**	**183**	**210**	**241**
Crops	99	103	100	108	114	175	224	201	197	192	203	223
Livestock and products	92	94	118	118	136	183	165	172	177	175	217	257
Prices paid, total	**88**	**94**	**112**	**118**	**125**	**144**	**164**	**180**	**192**	**202**	**219**	**250**
Living, CPI [2]	90	95	116	121	125	133	148	161	171	182	194	215
Production	92	96	108	113	121	146	166	182	193	200	217	248
Interest payable per acre	45	79	134	142	156	184	223	262	299	339	400	501
Taxes payable per acre	69	87	129	136	142	145	154	166	178	195	210	226
Wage rates [3]	74	86	128	134	142	155	178	192	210	226	242	265
Parity ratio (1910-14 = 100) [4]	**80**	**76**	**72**	**69**	**74**	**91**	**86**	**76**	**71**	**66**	**70**	**71**

[1] Preliminary. [2] U.S. Bureau of Labor Statistics Consumer Price Index, see text, pp. 475 and 476. [3] Straight average of seasonally adjusted quarterly indexes. [4] Ratio of prices received by farmers to prices paid, including interest, taxes, and wage rates.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Prices: Annual Summary.*

No. 1228. Commodity Credit Corporation—Summary: 1960 to 1979

[In millions of dollars. Through **1976,** as of or for years ending **June 30**; beginning **1977,** as of or for years ending **Sept. 30.** The Commodity Credit Corporation (CCC) is a wholly government-owned corporation established by Congress in 1933. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and facilitating orderly distribution of agricultural commodities. See also *Historical Statistics, Colonial Times to 1970*, series K 330-343]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Loans made	1,507	2,144	2,388	2,801	1,580	1,256	852	1,131	3,621	6,385	4,576
Loans outstanding [1]	1,347	2,534	2,952	2,474	1,418	720	335	637	3,245	5,030	5,210
Wheat	163	136	576	436	77	10	4	24	1,814	1,318	816
Corn	646	616	632	856	451	115	39	61	239	1,280	1,301
Cotton	9	775	170	23	26	34	143	24	13	153	80
Tobacco	417	826	845	672	481	250	119	353	652	751	903
Storage facilities, equipment [2]	45	40	164	197	274	271	199	157	236	799	1,324
Cost of acquisitions [1 3 4]	4,020	2,005	1,518	947	576	402	835	657	997	911	1,007
Wheat	371	169	217	81	56	130	4	14	72	135	40
Corn	361	140	49	89	43	6	2	5	2	31	195
Cotton	2,507	952	304	2	(z)	(z)	(z)	(z)	(z)	(z)	(z)
Dairy products	223	325	253	365	160	55	480	115	721	445	247
Wheat flour and products	79	124	109	106	140	177	123	80	89	112	149
Vegetable oil products	–	16	28	90	58	67	44	(z)	24	50	117
Commodities owned [1 3]	6,021	3,892	1,858	1,090	479	114	416	659	985	1,029	1,162
Wheat	2,452	1,297	405	488	194	26	2	(z)	23	119	118
Corn	1,700	595	293	172	99	11	(z)	1	(z)	27	209
Cotton	880	1,123	225	5	1	–	(z)	–	(z)	(z)	(z)
Dairy products	107	137	134	131	65	25	290	259	703	751	570
Sorghum	731	648	173	45	14	2	(z)	(z)	(z)	28	92
Sales and donations, cost [3]	3,234	2,458	902	1,065	1,190	766	530	457	640	895	901
Other expenses [3]	529	393	289	189	131	34	34	35	49	62	100

– Represents zero. Z Less than $500,000. [1] Includes amounts for commodities not shown separately. [2] Loans for purchase, construction, erection or installation of storage and drying equipment. [3] Data comparable for 1960-1970; price support commodities only. Thereafter, includes Commodity Export and Special Activities programs. [4] Value of commodities purchased and acquired as collateral from loans.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual.

No. 1229. Farm Income—Cash Receipts From Farm Marketings: 1965 to 1979

[See headnote, table 1230. See also *Historical Statistics, Colonial Times to 1970*, series K 286-302]

Item	Total market sales (mil. dol.)							Percent				
	1965	1970	1975	1976	1977	1978	1979	1965	1970	1975	1978	1979
Farm marketings	39,365	50,539	88,209	94,780	95,654	112,520	131,459	100.0	100.0	100.0	100.0	100.0
All crops	17,479	20,976	45,150	48,668	48,222	53,482	62,820	44.4	41.5	51.2	47.5	47.8
Percent of total	44.4	41.5	51.2	51.3	50.4	47.5	47.8	(x)	(x)	(x)	(x)	(x)
Cotton lint, seed	2,330	1,254	2,311	3,477	3,470	3,467	4,004	5.9	2.5	2.6	3.1	3.0
Tobacco	1,186	1,388	2,155	2,310	2,331	2,606	2,271	3.0	2.7	2.4	2.3	1.7
Food grains	2,042	2,542	7,760	6,896	6,041	5,891	8,618	5.2	5.0	8.8	5.2	6.6
Oilbearing crops	2,173	3,590	7,273	9,408	9,537	13,238	14,585	5.5	7.1	8.2	11.8	11.1
Feed crops	3,693	5,109	12,150	13,075	11,885	11,278	14,411	9.4	10.1	13.8	10.0	11.0
Vegetables [1]	2,618	2,814	5,350	5,242	5,659	6,034	6,526	6.7	5.6	6.1	5.4	5.0
Fruits, tree nuts [1]	1,650	2,070	3,525	3,646	4,341	5,532	6,440	4.2	4.1	4.0	4.9	4.9
Other [2]	1,787	2,209	4,626	4,616	4,958	5,436	5,965	4.5	4.4	5.2	4.8	4.5
All livestock and products	21,886	29,563	43,059	46,112	47,432	59,038	68,639	55.6	58.5	48.8	52.5	52.2
Percent of total	55.6	58.5	48.8	48.7	49.6	52.5	52.2	(x)	(x)	(x)	(x)	(x)
Hogs	3,607	4,508	7,883	7,261	7,230	8,823	8,853	9.2	8.9	8.9	7.8	6.7
Cattle and calves	8,942	13,633	17,524	19,302	20,222	28,205	34,849	22.7	27.0	19.9	25.1	26.5
Sheep and lambs	329	334	385	392	391	463	484	.8	.7	.4	.4	.4
Wool	95	57	54	73	77	76	89	.2	.1	.1	.1	.1
Dairy products	5,038	6,525	9,922	11,428	11,752	12,690	14,750	12.8	12.9	11.2	11.3	11.2
Eggs	1,785	2,110	2,814	3,136	2,918	2,953	3,314	4.5	4.2	3.2	2.6	2.5
Broilers and farm chickens	1,304	1,564	3,063	3,058	3,239	3,851	4,181	3.3	3.1	3.5	3.4	3.2
Turkeys, other poultry [3]	494	576	934	969	1,059	1,326	1,401	1.3	1.1	1.1	1.2	1.1
Other [4]	292	256	480	493	534	651	718	.7	.5	.5	.6	.5

X Not applicable. [1] Melons included with vegetables. [2] Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seed, and flax fiber. [3] Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. [4] Mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: U.S. Dept. of Agriculture, Economics, Statistics and Cooperatives Service, *Farm Income Statistics*, annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, October 1980.

No. 1230. Farm Marketings, by Price Support Status: 1965 to 1979

[Farm marketing represent gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See text, p. 685 for explanation of price support and table 1228. See also *Historical Statistics, Colonial Times to 1970*, series K 303-325]

Crop and status	Total market sales (mil. dol.)							Percent				
	1965	1970	1975	1976	1977	1978	1979	1965	1970	1975	1978	1979
Total	39,365	50,539	88,209	94,780	95,654	112,520	131,459	100.0	100.0	100.0	100.0	100.0
Under price support	16,677	20,667	42,321	46,640	45,033	48,860	58,296	42.4	40.9	48.0	43.4	44.3
Mandatory support	14,382	17,072	35,082	37,303	35,591	36,282	44,127	36.5	33.8	39.8	32.3	33.5
Basic commodities	7,717	8,625	21,131	22,418	20,834	20,435	25,835	19.6	17.1	24.0	18.2	19.6
Cotton (lint)	2,065	1,037	2,006	3,095	3,112	3,026	3,548	5.2	2.1	2.3	2.7	2.7
Wheat	1,637	2,067	6,695	5,838	5,062	4,738	7,340	4.2	4.1	7.6	4.2	5.6
Corn	2,180	3,326	8,500	9,416	8,598	8,100	10,604	5.5	6.6	9.6	7.2	8.1
Tobacco	1,186	1,388	2,155	2,310	2,331	2,606	2,271	3.0	2.7	2.4	2.3	1.7
Rice	377	447	1,031	1,030	951	1,113	1,239	1.0	.9	1.2	1.0	.9
Peanuts	272	360	744	729	780	852	833	.7	.7	.8	.8	.6
Nonbasic [1]	6,665	8,447	13,951	14,885	14,757	15,847	18,292	16.9	16.7	15.8	14.1	13.9
Dairy products	5,038	6,525	9,923	11,428	11,752	12,690	14,750	12.8	12.9	11.3	11.3	11.2
Oats	195	230	342	338	313	282	276	.5	.4	.4	.3	.2
Barley	305	298	618	652	543	595	652	.8	.6	.7	.5	.5
Sorghum grain	496	641	1,298	1,161	1,003	928	1,210	1.3	1.3	1.5	.8	.9
Sugar beets	250	393	821	617	518	624	597	.6	.8	.9	.6	.5
Other [2]	381	360	949	689	628	728	807	1.0	.7	1.1	.6	.6
Nonmandatory [3]	2,295	3,595	7,239	9,337	9,442	12,578	14,169	5.8	7.1	8.2	11.1	10.8
Soybeans	1,812	3,164	6,432	8,617	8,700	11,781	13,238	4.6	6.3	7.3	10.4	10.1
Cottonseed	265	217	305	381	358	440	457	.7	.4	.3	.4	.3
Flaxseed	87	66	97	60	57	56	73	.2	.1	.1	.1	.1
Dry beans	131	148	405	279	327	299	401	.3	.3	.5	.2	.3
Not under price support	22,688	29,872	45,888	48,140	50,621	63,660	73,163	57.6	59.1	52.0	56.6	55.7

[1] Under legislation in effect in 1969. [2] Includes wool, mohair, honey, tung nuts (1965-1970), rye, and sugarcane. [3] Marketing not estimated for naval stores, and castor beans.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Income Statistics*, annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, October 1980.

NO. 1231. FARM INCOME—FARM MARKETINGS, 1975 TO 1979, AND PRINCIPAL COMMODITIES IN ORDER OF MARKETING RECEIPTS, 1979, BY STATES

[**In millions of dollars.** Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1222]

STATE	1975	1977	1978	1979, prel.				State rank for total farm marketings and principal commodities in order of marketing receipts, 1979
				Farm marketings			Government payments	
				Total	Crops	Livestock and products		
U.S.	**88,209**	**95,654**	**112,520**	**131,459**	**62,820**	**68,639**	**1,375.2**	**Cattle, dairy products, soybeans, hogs.**
N.E	**1,105**	**1,238**	**1,315**	**1,419**	**441**	**978**	**8.3**	
Maine	366	418	411	442	139	303	5.5	39—Eggs, potatoes, broilers, dairy prod.
N.H	73	79	88	93	26	67	.6	48—Dairy prod., eggs, greenhouse, apples.
Vt	226	266	304	342	23	319	1.2	43—Dairy prod., forest prod., cattle, eggs.
Mass	201	224	247	256	138	118	.6	44—Dairy prod., greenhouse, cranberries, eggs.
R.I	27	27	30	32	19	13	-	49—Greenhouse, dairy prod., potatoes, eggs.
Conn	212	224	235	254	96	158	.4	45—Dairy prod., eggs, greenhouse, tobacco.
M.A	**3,490**	**3,961**	**4,453**	**5,171**	**1,718**	**3,453**	**15.8**	
N.Y	1,563	1,718	1,911	2,192	637	1,555	9.0	23—Dairy prod., cattle, apples, greenhouse.
N.J	326	349	379	403	288	115	.8	41—Dairy prod., greenhouse, soybeans, tomatoes.
Pa	1,601	1,894	2,163	2,576	793	1,783	6.0	18—Dairy prod., cattle, corn, eggs.
E.N.C	**14,993**	**16,994**	**18,715**	**21,157**	**11,125**	**10,032**	**106.5**	
Ohio	2,552	2,877	3,021	3,476	2,083	1,393	10.6	12—Soybeans, corn, dairy prod., cattle.
Ind	2,940	3,376	3,444	3,969	2,372	1,597	18.6	10—Corn, soybeans, hogs, cattle.
Ill	5,193	5,723	6,539	6,960	4,592	2,368	33.2	4—Corn, soybeans, hogs, cattle.
Mich	1,648	1,880	2,054	2,485	1,338	1,147	15.6	19—Dairy prod., cattle, corn, soybeans.
Wis	2,660	3,138	3,657	4,267	740	3,527	28.5	9—Dairy prod., cattle, corn, hogs.
W.N.C	**23,734**	**25,018**	**30,016**	**35,884**	**14,979**	**20,905**	**528.6**	
Minn	3,810	4,268	4,984	5,554	2,607	2,947	68.4	7—Dairy prod., soybeans, cattle, corn.
Iowa	6,487	6,886	8,530	9,465	3,874	5,591	69.2	3—Cattle, hogs, soybeans, corn.
Mo	2,636	2,912	3,489	4,345	1,787	2,558	31.3	8—Cattle, soybeans, hogs, dairy prod.
N. Dak	1,831	1,599	2,039	2,330	1,641	689	46.5	21—Wheat, cattle, sunflower, barley.
S. Dak	1,798	1,529	2,080	2,287	594	1,693	54.7	22—Cattle, hogs, dairy prod., wheat.
Nebr	3,859	3,966	4,664	6,017	2,121	3,896	132.7	5—Cattle, corn, hogs, soybeans.
Kans	3,313	3,858	4,230	5,886	2,355	3,531	125.8	6—Cattle, wheat, sorghum grain, hogs.
S.A	**10,149**	**10,318**	**12,578**	**14,128**	**7,950**	**6,178**	**49.0**	
Del	268	260	321	358	121	237	.4	42—Broilers, soybeans, corn, dairy prod.
Md	675	657	769	879	313	566	2.1	36—Broilers, dairy prod., corn, soybeans.
Va	989	1,009	1,241	1,348	557	791	6.0	33—Dairy prod., cattle, tobacco, broilers.
W. Va	138	147	190	232	63	169	2.0	46—Cattle, dairy prod., apples, turkeys.
N.C	2,636	2,624	3,198	3,397	1,973	1,424	8.3	13—Tobacco, broilers, hogs, soybeans.
S.C	807	794	950	1,059	685	374	6.5	35—Soybeans, tobacco, cattle, eggs.
Ga	2,143	2,196	2,636	2,962	1,340	1,622	17.9	17—Broilers, peanuts, soybeans, eggs.
Fla	2,491	2,631	3,273	3,893	2,898	995	5.8	11—Oranges, cattle, greenhouse, dairy prod.
E.S.C	**5,216**	**6,343**	**7,762**	**7,972**	**3,928**	**4,044**	**40.1**	
Ky	1,441	1,730	2,212	2,055	1,141	914	6.7	25—Tobacco, cattle, soybeans, dairy prod.
Tenn	1,117	1,381	1,587	1,779	824	955	8.4	28—Soybeans, cattle, dairy prod., hogs.
Ala	1,339	1,542	1,909	2,054	771	1,283	12.1	26—Broilers, cattle, soybeans, eggs.
Miss	1,319	1,690	2,054	2,084	1,192	892	12.9	24—Soybeans, cotton lint, cattle, broilers.
W.S.C	**10,958**	**12,171**	**14,363**	**18,001**	**7,717**	**10,284**	**401.6**	
Ark	2,137	2,409	2,944	3,162	1,600	1,562	32.6	16—Soybeans, broilers, rice, cattle.
La	1,115	1,237	1,452	1,638	1,111	527	20.2	30—Soybeans, cattle, rice, cotton lint.
Okla	1,870	1,865	2,333	3,230	1,127	2,103	41.7	14—Cattle, wheat, cotton lint, dairy prod.
Tex	5,836	6,660	7,634	9,971	3,879	6,092	307.1	2—Cattle, cotton lint, wheat, dairy prod.
Mt	**6,812**	**7,124**	**9,019**	**10,742**	**3,659**	**7,083**	**137.7**	
Mont	1,009	965	1,228	1,371	571	800	34.0	32—Cattle, wheat, barley, dairy prod.
Idaho	1,269	1,163	1,486	1,860	956	904	21.1	27—Cattle, wheat, potatoes, dairy prod.
Wyo	374	455	537	774	97	677	8.3	37—Cattle, dairy prod., sheep, sugar beets.
Colo	1,919	2,069	2,633	3,181	717	2,464	37.3	15—Cattle, wheat, corn, dairy prod.
N. Mex	726	791	965	1,121	240	881	21.4	34—Cattle, dairy prod., hay, cotton.
Ariz	1,048	1,165	1,548	1,766	912	854	9.1	29—Cattle, cotton lint, dairy prod., lettuce.
Utah	330	369	453	462	115	347	5.2	38—Cattle, dairy prod., hay, turkeys.
Nev	137	147	169	207	51	156	1.3	47—Cattle, dairy prod., hay, potatoes.
Pac	**11,752**	**12,487**	**14,299**	**16,985**	**11,303**	**5,682**	**87.6**	
Wash	1,828	1,757	2,181	2,402	1,623	779	16.7	20—Wheat, cattle, dairy prod., apples.
Oreg	1,039	1,052	1,255	1,562	926	636	8.5	31—Cattle, wheat, dairy prod., greenhouse.
Calif	8,497	9,341	10,470	12,590	8,405	4,185	61.3	1—Cattle, dairy prod., grapes, cotton lint.
Alaska	10	12	12	12	8	4	.3	50—Greenhouse, dairy prod., potatoes, hay.
Hawaii	378	325	381	419	341	78	.8	40—Sugarcane, pineapples, cattle, dairy prod.

- Represents zero.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Income Statistics*, July bulletin and State supplement.

No. 1232. Farmers' Marketing and Farm-Supply Cooperatives—Summary: 1950 to 1977

[For fiscal years of cooperatives ending between July 1 of preceding year and June 30 of year shown with limited exceptions. 1950 excludes Alaska and Hawaii. Memberships and businesses are estimated. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. Data are for marketing season during which farm products are moved into channels of trade. Marketing seasons overlap. See also *Historical Statistics, Colonial Times to 1970*, series K 195-203]

ITEM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977 [1]
Cooperatives listed	10,035	9,345	8,583	7,790	7,797	7,854	7,755	7,645	7,533	6,736
Marketing [2]	6,922	6,048	5,498	5,015	5,016	5,053	4,977	4,916	4,804	4,143
Farm supply	3,113	3,297	3,085	2,775	2,781	2,801	2,778	2,729	2,731	2,593
Membership [3] **(1,000)**	6,584	7,273	7,082	6,355	6,147	6,128	6,106	6,123	5,906	5,758
Marketing [2] (1,000)	4,075	3,673	3,831	3,133	3,156	3,140	3,133	3,151	2,850	2,692
Farm supply (1,000)	2,509	3,600	3,251	3,222	2,991	2,988	2,973	2,972	3,056	3,066
Businesses [1] **(mil. dol.)**	8,726	12,036	14,742	19,080	21,665	25,991	35,366	41,342	40,104	43,584
Marketing [2] (mil. dol.)	7,083	9,628	11,832	15,207	16,925	20,076	27,602	32,682	30,692	33,027
Farm supply (mil. dol.)	1,643	2,408	2,910	3,873	4,740	5,915	7,764	8,660	9,412	10,557

SELECTED PRODUCT OR SERVICE	COOPERATIVES HANDLING			BUSINESSES [4] (mil. dol.)				
	1965	1970	1977 [1]	1965	1970	1975	1976	1977 [1]
Product marketed:								
Grain, soybeans	2,596	2,539	2,452	2,465	3,006	12,744	10,634	11,852
Dairy products	1,346	971	558	3,770	5,126	8,376	8,480	9,136
Fruits and vegetables	592	499	424	1,232	1,776	2,730	2,861	2,850
Livestock and livestock products	479	546	479	1,493	2,154	2,614	2,784	3,154
Sugar products	67	66	62	530	634	2,065	1,337	1,161
Cotton and cotton products	581	554	500	830	434	935	960	1,293
Supplies purchased:								
Feed	4,363	4,214	3,821	1,035	1,279	2,587	2,496	2,835
Fertilizer	4,409	4,294	3,909	507	657	1,913	2,284	2,427
Petroleum products	2,773	2,774	3,025	643	864	1,675	2,098	2,514
Sprays and dusts	3,329	3,721	3,689	82	165	502	628	694
Seed	3,962	4,007	3,677	121	142	337	358	374

[1] Preliminary. Excludes data for 688 cooperatives which were primarily inactive. [2] Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities. [3] Excludes nonvoting patrons. [4] Value of commodities sold or purchased for patrons and charges for rendering other services in marketing or purchasing. Represents net volume after eliminating intercooperative business.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Statistics of Farmer Cooperatives, annual.*

No. 1233. Food Manufacturing Industry—Summary: 1970 To 1979

[Covers manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, p. 392.]

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total employees [1]	1,000	1,786	1,745	1,715	1,707	1,658	1,689	1,711	1,721	1,716
Production workers	1,000	1,207	1,192	1,167	1,164	1,120	1,145	1,161	1,171	1,176
Average hourly earnings, prod. workers	Dol	3.16	3.60	3.85	4.19	4.61	4.98	5.37	5.80	6.27
Salaries and Wages	Bil. dol	11.7	12.9	13.7	14.8	15.9	17.3	18.5	(NA)	(NA)
Supplemental labor cost [2]	Bil. dol	(NA)	1.8	(NA)	(NA)	2.6	3.0	(NA)	(NA)	(NA)
Value added by manufacturer [3]	Bil. dol	32.3	35.6	39.7	44.9	48.1	52.8	56.2	(NA)	(NA)
Cost of materials	Bil. dol	66.5	79.8	97.4	118.3	123.8	128.6	136.8	(NA)	(NA)
Value of shipments [4]	Bil. dol	98.5	115.1	135.6	162.1	172.2	180.9	193.0	(NA)	(NA)
Total assets	Bil. dol	23.8	26.7	28.4	30.1	33.0	35.1	(NA)	(NA)	(NA)
Capital expenditures, new [5]	Bil. dol	2.1	2.4	2.4	3.0	3.4	3.8	4.1	(NA)	(NA)
Funds for research and development [6]	Mil.dol	230	259	269	298	335	353	395	428	(NA)
Corporate profits before taxes [7]	Bil. dol	4.8	5.5	6.8	7.9	8.8	9.7	9.2	10.2	11.5
Corporate profits after taxes [7]	Bil. dol	2.6	3.0	3.8	4.6	5.2	5.8	5.6	6.2	7.3
Ratio of profits to stockholders' equity	Percent	10.8	11.1	12.8	13.8	14.4	14.9	13.3	13.8	14.7
Profits per dollar of sales	Cents	2.5	2.5	2.6	2.9	3.2	3.5	3.1	3.2	3.3

NA Not available. [1] See headnote, table 692. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. [2] Employers' expenses for legally required labor supplements (e.g., Social Security) and for voluntary programs (e.g., pension funds). [3] See footnote 6, table 1434. [4] See footnote 7, table 1434. [5] Includes expenditures for plants in operation and plants under construction but not yet in operation. [6] Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. [7] Data are not necessarily comparable from year to year due to change in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

Source: Except as noted, U.S. Bureau of the Census, *Census of Manufactures, 1972, General Summary*, MC72(1)-1; and *Annual Survey of Manufactures.*

No. 1234. U.S. Total Food and Alcohol Beverage Expenditures, by Type of Use and Type of Seller: 1960 to 1978

[Covers all food and alcohol purchased by civilians and military, including business and institutions. Based on sales of food by different types of seller. Data are primarily based on current sales figures. From the *Monthly Retail Trade Report* and *Monthly Selected Services Receipts* of the U.S. Bureau of the Census; for further detail, see source]

Type of use and seller	Expenditures (bil. dol.)								Percent		
	1960	1965	1970	1974	1975	1976	1977	1978 [1]	1960	1970	1978 [1]
Total food expenditures	**72.6**	**86.2**	**116.8**	**166.5**	**183.4**	**201.4**	**217.9**	**238.4**	**100.0**	**100.0**	**100.0**
Food for off-premise use	53.5	60.6	78.4	111.2	121.1	132.2	141.1	154.6	73.7	67.1	64.9
Sales, total	49.7	57.0	73.8	104.5	114.0	124.5	132.9	146.0	68.5	63.2	61.2
Food stores [2]	42.1	49.1	65.3	94.8	104.1	114.4	122.5	135.1	57.9	56.0	56.7
Other stores [3]	2.2	2.3	2.4	3.0	3.1	3.4	3.7	4.0	3.1	2.0	1.7
Farmers, manufacturers, wholesalers	1.6	1.6	1.8	2.2	2.3	2.4	2.5	2.7	2.2	1.6	1.1
Commissary stores, exchanges	.6	1.0	1.4	2.1	2.2	2.2	2.2	2.4	.8	1.2	1.0
Home delivered [4]	3.3	3.0	2.9	2.4	2.3	2.1	2.0	1.8	4.5	2.5	.8
Home production, donations	3.8	3.7	4.6	6.7	7.2	7.6	8.2	8.6	5.2	3.9	3.6
Meals and snacks	19.0	25.4	38.3	55.3	62.2	69.2	76.8	83.7	26.2	32.8	35.1
Eating and drinking places [5]	10.5	14.4	22.5	33.1	38.1	42.9	48.5	53.0	14.5	19.2	22.2
Schools and colleges [6]	2.0	3.0	4.4	6.3	7.1	7.8	8.2	8.7	2.8	3.8	3.6
Retail stores, direct selling [7]	1.7	2.2	3.3	4.7	4.9	5.3	5.6	6.0	2.4	2.8	2.5
Hotels and motels [8]	1.0	1.4	1.9	2.8	3.1	3.6	3.9	4.6	1.4	1.6	1.9
Recreational places [9]	.4	.5	.7	1.0	1.1	1.2	1.2	1.2	.6	.6	.5
Other	3.3	3.9	5.6	7.4	8.1	8.6	9.4	10.3	4.6	4.8	4.3
Total alcoholic beverage sales	**12.9**	**15.6**	**21.7**	**29.3**	**31.9**	**34.7**	**37.2**	**40.2**	**100.0**	**100.0**	**100.0**
Off premise use	7.2	9.0	12.8	17.4	18.7	20.4	21.5	23.2	55.9	59.0	57.7
Liquor stores	4.1	5.2	7.6	10.0	10.7	11.2	11.7	12.4	32.1	35.0	30.9
Food stores	2.4	2.9	4.2	6.1	6.5	7.6	8.1	8.9	18.4	19.2	22.2
Other	.7	.8	1.1	1.4	1.5	1.6	1.7	1.8	5.4	4.9	4.6
On-premise use	5.7	6.6	8.9	11.9	13.2	14.4	15.7	17.0	44.1	41.0	42.3
Eating and drinking places [5]	5.0	5.7	7.6	10.3	11.3	12.3	13.5	14.4	39.1	34.9	35.9
Hotels and motels [8]	.4	.5	.8	1.1	1.2	1.4	1.5	1.8	2.9	3.5	4.5
Other	.3	.4	.6	.6	.6	.7	.7	.7	2.1	2.6	1.8

[1] Preliminary. [2] Excludes sales to restaurants and institutions. [3] Includes eating and drinking establishments and trailer parks. [4] Includes mail order. [5] Includes tips. [6] Includes school food subsidies. [7] Includes vending machine operators. [8] Motion picture theaters, sports arenas, camps, golf and country clubs, etc.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *U.S. Food Expenditures* (Agricultural Economic Report No. 431) 1979.

No. 1235. Farm Food Prices—Distribution of Retail Price According to Farm Value and Marketing Function: 1977 to 1979

[**In cents per retail unit indicated.** The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

Food item	Unit	1977		1978		1979						
		Farm value	Retail price	Farm value	Retail price	Farm value	Assembly and procurement	Processing	Intercity transportation	Wholesaling	Retailing [1]	Retail price
Beef, choice	Lb	83.3	148.4	108.6	181.9	137.9	2.9	6.6	3.1	13.4	62.4	226.3
Pork	Lb	63.6	125.4	74.4	143.6	64.1	2.5	30.9	2.9	8.5	35.2	144.1
Broilers	Lb	33.0	60.1	37.2	66.5	35.0	1.3	9.6	1.6	4.2	16.3	68.0
Eggs, grade A [2]	Doz	53.8	82.3	49.7	78.5	52.0	1.1	11.6	1.8	3.8	13.7	84.0
Milk, sold in stores	½ gal	45.1	83.9	47.0	88.7	52.5	3.4	15.1	(3)	14.2	13.7	98.9
Butter	Lb	85.8	133.1	97.2	145.2	114.9	3.7	14.1	2.9	6.7	22.0	164.3
Bread, white	Lb	4.5	35.4	5.4	37.8	6.4			35.9			42.3
Potatoes, fall	10 lb	44.3	165.1	41.4	173.1	40.3	(3)	19.7	26.0	10.5	70.8	167.3
Oranges, Calif	Doz	36.2	140.3	50.2	188.4	67.6	2.3	20.8	22.6	18.3	108.6	240.2
Lettuce, Calif	Head	5.1	46.0	15.0	57.0	7.4	.5	9.9	14.6	3.8	27.3	63.5
Orange juice, frozen	6 oz	10.7	34.0	19.1	42.7	20.5	.6	8.3	2.0	5.4	9.4	46.2
Tomatoes, Calif. [5]	303 can	3.9	37.3	4.8	37.6	5.1	.8	19.6	4.3	3.7	10.4	[6]43.9

[1] In store costs only. Headquarters and warehousing expenses are included in wholesaling. [2] Or AA large. [3] Included in wholesaling. [4] Included in farm value. [5] Whole tomatoes. [6] Based on selected Eastern cities only; therefore not comparable with prior years.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Developments in Marketing Spreads for Food Products in 1979*, AER No. 449, March 1980.

No. 1236. Civilian Consumer Expenditures for Farm Foods—Farm Value and Marketing Bill: 1960 to 1979

[**In billions of dollars, except percent.** Excludes imported and nonfarm foods, such as seafood and coffee, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970*, series K 358-360 for data before revisions]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Consumer expenditures, total	**66.9**	**81.1**	**108.7**	**120.3**	**136.7**	**152.3**	**166.4**	**180.9**	**189.3**	**212.4**	**238.8**
At-home expenditures [1]	50.0	60.5	76.4	84.0	97.0	107.8	114.8	124.6	128.6	146.4	166.3
Farm value	18.7	22.6	28.4	31.9	41.7	45.2	43.1	46.9	46.6	55.8	62.9
Marketing bill [2]	31.3	37.9	48.0	52.1	55.3	62.6	71.7	77.7	82.0	90.6	103.4
Percent of at-home expenditures	62.6	62.6	62.8	62.0	57.0	58.1	62.5	62.4	63.8	61.9	62.2
Away-from-home expenditures	16.9	20.6	32.3	36.3	39.7	44.5	51.6	56.3	60.7	66.0	72.5
Farm value	3.7	4.5	6.3	7.4	9.3	10.6	11.8	10.6	10.7	12.5	13.9
Marketing bill [2]	13.2	16.1	26.0	28.9	30.4	33.9	39.8	45.7	50.0	53.5	58.6
Percent of away-from-home expenditures	78.1	78.2	80.5	79.6	76.6	76.2	77.1	81.2	82.4	81.1	80.8
Farm value, total	22.3	27.1	34.8	39.3	51.0	55.7	54.9	57.6	57.3	68.3	76.8
Marketing bill, total [2]	44.6	54.0	73.9	81.0	85.7	96.5	111.5	123.3	132.0	144.1	162.0
Percent of total consumer expenditures	66.7	66.6	68.0	67.3	62.7	63.4	67.0	68.2	69.7	67.8	67.8
Labor cost [3]	19.7	23.3	32.2	37.2	40.2	44.4	48.8	53.9	59.4	66.7	74.0
Packaging materials	5.4	6.2	9.1	10.2	10.9	12.1	13.4	15.0	16.2	17.7	19.8
Rail and truck transport [4]	4.1	4.2	5.2	6.1	6.0	7.2	8.3	9.5	10.0	10.9	12.3
Corporate profits before taxes	2.1	3.0	3.6	4.0	5.3	6.1	7.5	7.6	8.0	9.1	10.2
Other [5]	13.3	17.3	23.8	23.5	23.3	26.7	33.5	37.3	38.4	39.7	45.7
Processing	15.1	16.8	22.1	23.1	25.3	27.2	30.5	34.2	34.8	37.6	(NA)
Wholesaling	5.5	6.6	9.6	11.0	12.6	14.4	16.0	17.6	19.5	21.9	(NA)
Transportation	4.1	4.3	5.2	6.1	6.0	7.2	8.3	9.5	10.0	10.9	(NA)
Retailing	19.9	26.3	36.9	39.6	41.8	46.7	54.5	62.0	67.8	73.7	(NA)
SELECTED FOOD COMMODITY GROUPS											
Beef: Total expenditures	10.0	13.0	19.6	24.4	27.2	27.8	28.3	33.5	33.4	39.4	[6] 73.9
Farm value	5.0	6.2	9.3	11.8	14.2	12.9	12.6	13.8	14.0	18.9	[6] 31.6
Percent of total	50.0	47.7	47.4	48.5	52.0	46.5	44.7	41.3	41.8	48.1	[6] 42.8
Marketing bill [2]	5.0	6.8	10.3	12.6	13.1	14.9	15.6	19.6	19.5	20.4	[6] 42.3
Pork: Total expenditures	7.2	8.0	12.3	12.6	14.3	16.1	16.6	18.5	19.9	21.7	(NA)
Farm value	2.7	3.5	4.2	4.6	6.3	6.2	7.2	7.0	6.6	8.0	(NA)
Percent of total	37.5	43.8	34.1	36.8	43.9	38.2	43.3	37.8	33.4	36.7	(NA)
Marketing bill [2]	4.5	4.5	8.1	7.9	8.0	10.0	9.4	11.5	13.3	13.8	(NA)
Poultry and eggs:											
Total expenditures	5.2	6.2	9.0	8.9	12.1	11.7	12.5	13.7	14.1	15.2	17.3
Farm value	2.9	3.1	3.9	3.8	6.4	5.7	6.3	6.5	6.5	7.3	7.9
Percent of total	55.9	49.5	43.8	42.3	52.3	49.0	49.9	47.5	45.9	48.0	45.7
Marketing bill [2]	2.3	3.1	5.0	5.1	5.8	6.0	6.3	7.2	7.6	7.9	9.4
Fluid milk and cream:											
Total expenditures	7.1	7.4	8.8	9.3	9.8	11.0	11.1	12.2	12.4	12.7	[7] 33.3
Farm value	2.8	3.0	3.8	3.9	4.4	5.0	5.2	5.8	5.4	5.8	[7] 14.4
Percent of total	39.4	40.5	43.2	41.7	44.3	45.9	47.2	47.2	44.0	45.9	[7] 43.2
Marketing bill [2]	4.3	4.4	5.0	5.4	5.5	5.9	5.9	6.4	6.9	6.9	[7] 18.9
Other dairy products:											
Total expenditures	5.0	5.6	7.6	8.3	9.2	10.5	11.9	13.8	14.7	16.6	(NA)
Farm value	1.9	2.1	3.0	3.2	3.7	4.2	4.6	5.3	5.5	6.3	(NA)
Percent of total	38.0	37.5	39.5	37.8	40.8	40.1	38.9	38.7	37.2	38.0	(NA)
Marketing bill [2]	3.1	3.5	4.7	5.2	5.4	6.3	7.3	8.4	9.2	10.3	(NA)
Fresh fruits, vegetables:											
Total expenditures	7.5	8.7	10.8	11.6	14.1	14.9	16.0	16.9	18.6	22.6	[8] 51.2
Farm value	2.3	2.7	3.0	3.6	4.5	4.2	4.9	5.0	4.9	5.9	[8] 10.4
Percent of total	30.7	31.0	27.8	30.7	31.6	28.6	30.4	29.5	26.5	26.1	[8] 20.3
Marketing bill [2]	5.2	6.0	7.8	8.0	9.7	10.6	11.2	11.9	13.7	16.7	[8] 40.8
Processed fruits, vegetables:											
Total expenditures	7.3	9.1	11.4	12.7	14.0	17.0	19.1	21.1	22.4	24.7	(NA)
Farm value	1.2	1.8	2.0	2.2	2.8	3.9	3.4	3.7	3.6	4.3	(NA)
Percent of total	16.4	19.8	17.5	17.1	19.8	23.1	17.7	17.7	16.2	17.3	(NA)
Marketing bill [2]	6.0	7.3	9.4	10.5	11.2	13.1	15.7	17.3	18.7	20.4	(NA)
Bakery, grain mill products:											
Total expenditures	9.9	11.2	13.3	15.1	17.0	20.3	23.8	24.5	25.5	28.3	31.8
Farm value	1.4	1.9	1.9	2.3	3.6	4.8	4.1	3.6	3.1	3.8	4.6
Percent of total	14.5	16.7	14.5	15.5	21.2	23.6	17.4	14.6	12.3	13.2	14.5
Marketing bill [2]	8.0	9.4	11.4	12.8	13.4	15.5	19.6	20.9	22.4	24.6	27.2

NA Not available. [1] Food primarily purchased from retail food stores for use at home. [2] The difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. [3] Includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration; and supplements to wages and salaries such as pensions and health insurance premiums. [4] Excludes local hauling. [5] Represents advertising, rents, depreciation, fuel, electric power, interest on borrowed capital, taxes other than income, and other costs. [6] Figures are for all meat. [7] Covers all dairy products. [8] Covers all fruits and vegetables.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Developments in Marketing Spreads for Food Products in 1979*, AER No. 449, March 1980; *Agricultural Outlook*, periodic; and *Agricultural Statistics*, annual.

No. 1237. Farm Machinery and Equipment: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series K 184-191]

ITEM	Unit	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Value of farm implements and machinery [1]	Bil. dol	22.7	24.8	32.3	34.4	36.6	39.3	44.2	55.7	65.0	71.9	77.1	84.0
Number on farms, Jan. 1:													
Tractors [2]	1,000	4,688	4,787	4,619	4,584	4,549	4,518	4,493	4,469	4,434	4,402	4,370	4,350
Horsepower	Mil	153	176	203	206	209	212	219	222	228	232	238	243
Motortrucks	1,000	2,834	3,030	2,984	2,994	3,003	3,013	3,023	3,032	3,043	3,044	3,045	3,045
Grain combines	1,000	1,042	910	790	760	725	701	698	524	527	535	538	540
Corn pickers [3]	1,000	792	690	635	630	625	621	618	615	610	605	602	600
Pickup balers	1,000	680	751	708	700	692	684	674	667	641	615	610	605
Field forage harvesters	1,000	291	316	304	300	298	292	295	255	263	270	272	272
Farmers' expenditures:													
Motor vehicles [4]	Mil. dol	1,344	1,940	2,030	2,137	2,464	3,066	3,405	3,833	4,604	4,927	5,580	6,300
Machinery, equipment	Mil. dol	1,458	2,239	2,888	2,736	3,231	4,581	4,790	4,820	5,393	5,535	6,408	7,200
Retail sales: [5]													
Tractors, total [6]	1,000	(NA)	162.5	135.5	134.0	160.7	197.0	173.8	161.1	153.2	130.9	139.6	139.0
2-wheel drive	1,000	(NA)	162.5	135.5	131.5	156.8	190.8	165.5	150.5	142.7	123.2	130.9	127.5
4-wheel drive	1,000	(NA)	(NA)	(NA)	2.5	3.9	6.2	8.3	10.6	10.5	7.7	8.7	11.5
Combines	1,000	(NA)	37.6	26.7	27.2	27.9	35.1	31.6	33.1	32.5	28.8	31.5	32.3
Corn heads	1,000	(NA)	22.9	18.5	20.8	21.1	26.7	25.1	25.4	25.4	20.7	21.2	22.4
Field forage harvesters	1,000	(NA)	(NA)	15.0	14.8	15.2	17.7	16.1	13.1	13.3	13.2	11.5	12.5

NA Not available. [1] Farm inventory valuations at beginning of year. Includes family automobiles. [2] Excludes garden tractors. [3] Includes picker-shellers. [4] For farm business use. [5] Source: Farm and Industrial Equipment Institute, Chicago, Illinois, unpublished data. [6] Beginning 1977, covers tractors over 40 hp. only.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Balance Sheet of the Farming Sector*, and *Farm Income Statistics*, both annual through 1979, and *Economic Indicators of the Farm Sector: Income and Asset Statistics, 1979*, October 1980. Also in *Agricultural Statistics*, annual.

No. 1238. Agricultural Chemicals Used on Farms: 1969 and 1974

[Farms with sales of $2,500 or more]

TYPE OF CHEMICAL	1969			1974		
	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)
Total	[1] **1,467**	(x)	[2] **2,988**	[1] **1,363**	(x)	[2] **6,769**
Commercial fertilizer	1,269	155,550	2,107	1,279	184,643	5,028
Lime	262	10,099	93	145	8,240	104
Chemicals for—						
Defoliation or growth control of crops	69	5,781	23	37	5,174	34
Insect control in livestock and poultry	352	(x)	26	132	(x)	19
Sprays, dusts, etc. for—						
Insects on hay and other crops	453	42,062	306	418	56,642	596
Nematodes in crops	34	1,267	17	27	1,754	29
Crop diseases	46	4,088	55	37	4,183	84
Weeds or grass in crops	645	84,914	346	549	110,793	784
Weeds or brush in pasture	78	4,967	10	44	4,003	13

X Not applicable. [1] If more than 1 subentry was applicable, the farm was tabulated in each. [2] Includes categories not shown separately.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. I.

No. 1239. Commercial Fertilizers Consumed: 1960 to 1979

[For years ending **June 30.** Includes Puerto Rico. Percent nutrient content excludes secondary and micronutrients. See *Historical Statistics, Colonial Times to 1970*, series K 193, for related but not comparable data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
All fertilizers (mil. tons)	24.9	31.8	39.6	47.1	42.5	49.2	51.6	47.5	51.1
Percent: Nitrogen	11.7	15.3	19.5	20.4	21.2	22.2	21.7	21.8	21.7
Phosphoric oxide	10.9	11.6	11.9	11.3	11.1	11.2	11.5	11.2	11.3
Potash	9.2	9.4	10.5	11.3	11.0	11.1	11.9	12.1	12.7
Mixed fertilizers (mil. tons)	15.7	18.6	21.0	24.1	20.6	23.0	24.0	22.1	23.6
Percent: Nitrogen	6.5	7.8	9.3	10.1	10.2	10.5	10.6	10.7	10.8
Phosphoric oxide	13.0	15.2	17.7	17.7	18.0	19.3	19.9	19.6	19.9
Potash	12.1	12.4	12.7	12.7	12.5	12.5	12.8	12.8	12.9
Primary nutrient materials (mil. tons)	7.9	11.8	17.3	20.9	20.0	23.9	25.0	23.5	25.3
Secondary and micronutrients (mil. tons)	1.4	1.5	1.3	2.1	1.9	2.3	2.5	1.9	2.1

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual; and *Commercial Fertilizers, Consumption in the United States*, annual.

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No. 1240. Farm Employment and Index of Wage Rates: 1960 to 1979

[Excludes Alaska and Hawaii, except beginning 1978 includes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 174-181]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Employment [1]	1,000	7,057	5,610	4,523	4,373	4,337	4,389	4,342	4,374	4,155	3,957	3,774
Family [2]	1,000	5,172	4,128	3,348	3,228	3,169	3,075	3,026	2,997	2,859	2,689	2,501
Hired [3]	1,000	1,885	1,482	1,175	1,146	1,168	1,314	1,317	1,377	1,296	1,268	1,273
Farm wage rates index	1967 = 100	74	86	129	143	157	176	190	208	225	241	265

[1] 1960-1973, averages of monthly estimates of employed during last full calendar week ending at least one day before end of month; beginning 1974, annual quarterly averages. [2] Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week. [3] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Farm Labor*, quarterly.

No. 1241. Hired Farmworkers—Characteristics and Earnings: 1970 to 1979

[Represents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, p. 1 and Appendix III. For composition of regions, see fig. I, inside front cover. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	WORKERS (1,000)					MEDIAN EARNINGS PER DAY				
	1970	1975	1976	1977	1979	1970	1975	1976	1977	1979
All workers	**2,488**	**2,638**	**2,767**	**2,730**	**2,652**	**$9.30**	**$14.80**	**$15.85**	**$17.58**	**$20.99**
White [1]	1,940	1,907	2,059	1,974	1,976	9.70	14.75	15.60	16.93	20.24
Hispanic	(NA)	285	310	294	320	(NA)	17.10	20.00	20.00	27.13
Black and other [1]	547	446	397	462	355	8.00	13.90	14.55	18.30	22.85
Male	1,889	2,036	2,086	2,092	2,075	9.75	15.45	16.50	18.37	21.88
Female	599	602	681	638	576	7.65	12.35	14.15	16.11	19.95
Region:										
Northeast	241	227	223	214	188	9.95	14.00	14.50	15.23	16.63
North Central	590	674	748	730	785	9.20	14.45	15.10	16.65	20.01
South	1,093	1,074	1,150	1,150	1,071	8.35	14.10	14.95	16.96	20.33
West	564	664	645	636	607	11.75	18.00	20.00	20.00	25.27
14-19 years	1,062	1,149	1,178	1,081	988	8.10	11.90	13.30	14.04	18.10
Migratory	93	70	82	60	72	8.35	15.50	14.90	13.63	20.30
Nonmigratory	968	1,079	1,096	1,020	916	8.10	11.70	13.15	14.06	17.80
20 years and over	1,426	1,489	1,589	1,650	1,664	10.15	16.45	18.30	20.00	24.00
Migratory	103	118	131	130	145	13.10	20.00	20.00	20.00	25.50
Nonmigratory	1,323	1,371	1,458	1,519	1,519	10.00	16.30	17.95	20.00	23.70
Hired farmwork:										
Under 25 days	1,093	1,180	1,145	1,056	898	8.25	13.00	14.05	15.75	19.92
25-74 days	623	556	652	667	672	9.30	15.00	15.40	16.41	21.24
75-149 days	293	319	347	322	323	11.20	16.15	18.05	19.46	22.57
150-249 days	172	228	290	295	335	11.05	15.75	19.80	20.00	24.74
250-299 days	105	134	155	170	167	10.90	20.00	20.00	20.00	25.20
300 days and over	201	221	179	221	256	9.95	16.90	20.00	19.98	23.60

NA Not available. [1] Beginning 1975, excludes persons of Hispanic origin. 1970 data not comparable with later years.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *The Hired Farm Working Force*, annual.

No. 1242. Selected Indexes of Farm Inputs: 1950 to 1979

[1967 = 100. Inputs based on physical quantities of resources used in production. See also *Historical Statistics, Colonial Times to 1970*, series K 486-495 for data before revisions]

INPUT	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Total	**104**	**105**	**101**	**98**	**100**	**100**	**100**	**102**	**105**	**105**	**108**
Farm labor	217	185	145	110	89	78	76	73	70	67	66
Farm real estate [1]	105	105	100	99	101	95	96	97	99	97	96
Mechanical power and machinery	84	97	97	94	100	109	113	117	120	125	129
Agricultural chemicals [2]	29	39	49	75	115	140	127	145	154	160	182
Feed, seed, and livestock purchases [3]	63	72	84	93	104	107	101	110	112	115	120
Taxes and interest	82	88	94	100	100	101	101	101	100	98	96
Miscellaneous	87	94	105	109	109	110	104	113	128	133	146

[1] Includes service buildings, improvements. [2] Includes fertilizer, lime, and pesticides. [3] Includes nonfarm portion.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Changes in Farm Production and Efficiency*, annual. Also in U.S. Council of Economic Advisors, *Economic Report of the President*, 1980.

No. 1243. Farm Productivity—Labor-Hours and Indexes of Farm Output per Hour: 1950 to 1979

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 407-413, K 430-444, and W 67-81]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.	1979, prel.
Hours of labor required on farms [1] (bil.)	**15.1**	**12.8**	**9.8**	**7.3**	**5.9**	**5.4**	**5.3**	**5.2**	**5.0**	**4.8**	**4.7**	**4.4**	**4.3**
All productive livestock (bil.)	5.5	4.9	3.8	3.0	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3
All crops [2] (bil.)	6.9	6.0	4.6	3.4	2.8	2.6	2.7	2.7	2.6	2.6	2.5	2.4	2.4
Farm maintenance [3] (bil.)	2.7	1.9	1.4	.9	.8	.7	.6	.7	.7	.6	.7	.6	.6
INDEX, (1967 = 100)													
Farm output per hour [4]	**34**	**44**	**65**	**89**	**115**	**136**	**130**	**136**	**152**	**162**	**173**	**182**	**198**
All livestock and products	37	46	62	86	121	137	144	156	160	178	189	204	224
Meat animals	54	61	70	89	117	130	137	147	150	164	172	186	202
Milk cows	35	42	60	87	125	148	153	168	178	202	223	242	272
Poultry	21	32	55	87	119	142	151	166	175	200	215	241	265
All crops	36	45	66	90	111	135	138	128	142	146	157	166	182
Feed grains	22	30	57	91	109	153	153	131	156	164	177	199	220
Hay and forage	40	46	61	85	105	120	125	124	133	128	141	155	165
Food grains	40	51	95	101	121	124	131	115	130	127	129	136	149
Vegetables	52	65	82	96	110	116	116	116	116	123	124	129	131
Fruits and nuts	69	76	79	98	109	109	118	129	125	129	126	129	131
Sugar crops	38	53	78	88	116	127	122	118	134	139	141	145	147
Cotton	26	39	57	102	136	187	224	208	255	302	434	439	606
Tobacco	57	65	74	82	129	149	147	158	157	164	166	179	161
Oil crops	52	69	94	104	127	144	148	134	156	150	175	170	187
Cropland used for crops [5]	**111**	**111**	**104**	**99**	**98**	**98**	**103**	**106**	**108**	**109**	**111**	**108**	**111**
Crop production per acre	69	74	89	100	104	115	116	104	112	111	116	121	130

[1] Represents labor used on crops, livestock, and farm maintenance. [2] Beginning 1965, excludes work on farm gardens. [3] Beginning 1965, excludes work on horses and mules. [4] Index of farm output (production) divided by index of hours of labor used. [5] Harvested acreages plus acreages of crop failure and summer fallow.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Changes in Farm Production and Efficiency*, annual. Also in *Agricultural Statistics*, annual.

No. 1244. Farm Output Indexes and Acreage of Principal Crops: 1960 to 1979

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 414-429]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
INDEX, 1967 = 100											
Farm output [1]	91	98	101	110	112	106	114	117	121	121	129
Per unit of total input	90	100	102	110	111	106	115	115	117	117	125
Gross production:											
Livestock and products [2]	87	95	105	107	105	106	101	105	106	106	107
Meat animals	85	92	108	109	108	110	102	105	105	104	103
Dairy products	100	104	99	102	98	99	98	103	105	104	106
Poultry and eggs	76	90	105	109	106	106	103	110	112	118	126
Crops [3]	93	99	100	113	119	110	121	121	130	131	144
Feed grains	87	88	89	112	115	93	114	120	126	135	145
Hay and forage	90	99	100	104	109	104	108	102	107	115	117
Food grains	87	88	91	102	114	120	142	141	132	123	143
Vegetables	89	96	98	99	100	102	101	102	108	107	120
Fruits and nuts	94	100	110	106	126	128	137	136	136	133	143
Sugar crops	74	100	114	127	112	104	130	128	116	116	110
Cotton	196	205	139	187	175	158	112	142	191	146	200
Tobacco	99	94	97	88	88	101	110	108	98	103	79
Oil Crops	68	95	117	131	155	127	153	132	175	183	219
ACREAGE, PRINCIPAL CROPS (millions of acres)											
Planted or grown	324	297	293	295	319	326	332	336	344	335	346
Harvested	316	288	283	283	301	316	324	326	332	325	337

[1] Annual production available for eventual human use. [2] Includes livestock products not shown separately and excludes horses and mules. [3] Includes crops not shown separately.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Changes in Farm Production and Efficiency*, annual. Also in *Agricultural Statistics*, annual.

No. 1245. Farm Labor—Annual Average Labor-Hours Per Unit of Production, Selected Crops and Livestock: 1950–1954 to 1975–1978

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 445-485]

Crop, livestock, and item	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1978 [1]
Corn for grain: Hours per acre [2]	13.3	9.9	7.0	5.8	4.3	3.6
Yield per acre (bu.)	39.4	48.7	62.2	78.5	84.0	91.5
Hours per 100 bushel	34	20	11	7	5	4
Wheat: Hours per acre [2]	4.6	3.8	3.0	2.9	2.9	2.8
Yield per acre (bu.)	17.3	22.3	25.2	27.5	31.0	30.7
Hours per 100 bushel	27	17	12	11	9	9
Hay: Hours per acre [2]	6.3	6.0	5.0	3.8	3.7	3.5
Yield per acre (sh. tons)	1.43	1.61	1.77	1.97	2.12	2.16
Hours per sh. ton	4.4	3.7	2.8	1.9	1.8	1.6
Potatoes: Hours per acre [2]	63.1	53.1	48.0	45.1	41.6	37.9
Yield per acre (cwt)	151	178	195	213	234	261
Hours per sh. ton	8	6	5	4	4	3
Cotton: Hours per acre [2]	66	66	47	30	18	9
Yield per acre (lb.)	296	428	475	484	470	467
Hours per bale	107	74	47	30	18	9
Tobacco: Hours per acre [3]	464	475	493	427	298	257
Yield per acre (1,000 lb.)	1.3	1.5	1.9	2.0	2.0	2.0
Hours per 100 lb	36	31	26	22	14	13
Milk cows: Hours per cow	121	109	93	78	62	46
Hours per cwt of milk	2.2	1.7	1.2	.9	.6	.4
Milk per cow (cwt)	54	63	75	88	101	109
Cattle, exc. milk cows:						
Hours per cwt of beef produced [4]	3.6	3.2	2.6	2.1	1.7	1.4
Hogs: Hours per cwt produced [4]	2.7	2.4	1.9	1.4	1.0	.6
Chickens: [5] Hours per 100 layers	232	175	126	97	78	59
Hours per 100 eggs produced	1.3	.9	.6	.4	.3	.2
Rate of lay [6]	181	200	212	219	225	235
Chickens (farm raised): Hours per 100 birds	27	23	17	14	13	12
Hours per cwt produced [4]	7.3	6.7	4.7	3.7	3.3	3.0
Chickens (broilers): Hours per 100 birds	8	4	3	2	1	1
Hours per cwt produced [4]	2.4	1.3	.8	.5	.3	.2
Turkeys: Hours per cwt produced [4]	6.8	4.4	2.4	1.3	.8	.5

[1] Preliminary. [2] Labor-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under. [3] Per acre planted and harvested. [4] Liveweight production. [5] Laying flocks and eggs. [6] Eggs produced during year divided by average number of hens and pullets of laying age on hand during year.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Agricultural Statistics*, annual.

No. 1246. Selected Farm Products—U.S. and World Production and Exports: 1976 to 1978

[**In metric tons, except cotton.** Production year, except as indicated. Metric ton = 1.102 short tons or .984 long tons]

Item	Wheat, grain only (mil.)	Corn for grain (mil.)	Soybeans (mil.)	Rice rough [1] (mil.)	Oats (mil.)	Barley (mil.)	Lard (1,000)	Tallow and greases (1,000)	Tobacco, unmanufactured (1,000)	Edible vegetable oils [2] (mil.)	Cotton [1] (1,000 bales) [3]
1976:											
Production: U.S.	[4] 58	[5] 159	[6] 35.1	5.2	[4] 8	[4] 8	473	2,762	[7] 971	7.1	10,581
World	[8] 415	[8] 341	[8] 61.2	350	[8] 49	[8] 175	3,582	5,038	[7] 5,660	30.9	57,424
Percent U.S.	14.0	46.6	57.4	1.5	16.3	4.6	13.2	54.8	17.2	23.0	18.4
Exports: U.S.	[4] [9] 25.8	[5] 42.5	[10] 16.2	[10] [11] 2.3	[4] .1	[4] 1.4	82	1,076	[12] 266	[13] 4.5	4,784
World	[8] [9] 70.2	[8] 60.6	[10] 19.2	[10] [11] 10.4	[8] 1.4	[8] 13.8	334	1,738	[12] 1,332	[14] 11.9	17,584
Percent U.S.	36.8	70.1	78.6	22.1	7.1	10.1	24.6	61.9	20.0	37.8	27.2
1977:											
Production: U.S.	[4] 55	[5] 163	[6] 48.0	4.5	[4] 11	[4] 9	464	3,085	[7] 869	9.8	14,400
World	[8] 383	[8] 362	[6] 74.3	370	[8] 52	[8] 164	3,557	5,815	[7] 5,508	35.4	64,144
Percent U.S.	14.5	45.1	64.6	1.2	21.0	5.5	13.0	53.1	15.8	27.7	22.4
Exports: U.S.	[4] [9] 30.6	[5] 49.5	[15] 19.1	[11] [15] 3.3	[4] .2	[4] 1.2	83	1,319	[12] 290	[13] 4.5	5,500
World	[8] [9] 75.6	[8] 62.5	[15] 22.3	[11] [15] 8.9	[8] 1.3	[8] 15.4	664	2,243	[12] 1,289	[14] 12.0	19,186
Percent U.S.	40.5	79.2	85.7	37.1	15.4	7.8	12.5	58.8	22.5	37.5	28.7
1978:											
Production: U.S.	[4] 49	[5] 180	[6] 50.2	6.0	[4] 9	[4] 10	413	3,125	[7] 920	10.3	10,800
World	[8] 439	[8] 383	[6] 80.1	385	[8] 51	[8] 184	3,626	5,949	[7] 5,608	37.7	59,753
Percent U.S.	11.2	47.0	62.7	1.6	17.1	5.3	11.4	52.5	16.4	27.3	18.1
Exports: U.S.	[4] [9] 32.5	[5] 54.2	[16] 20.5	[11] [16] 3.5	[4] .2	[4] .6	54	1,228	[12] 318	[13] 5.8	6,200
World	[8] [9] 83.1	[8] 70.6	[16] 25.0	[11] [16] 11.8	[8] 1.5	[8] 15.7	581	2,216	[12] 1,428	[14] 13.4	19,555
Percent U.S.	39.1	76.8	76.8	29.7	13.3	3.8	9.3	55.4	22.3	43.3	31.7

[1] Year beginning Aug. 1. [2] Includes palm oils. [3] Bales of 480 lb., net weight. [4] Year beginning June 1. [5] Year beginning Oct. 1. [6] Year beginning Sept. 1. [7] Farm sales weight basis. [8] Year beginning July 1. [9] Includes wheat flour in grain equivalent. [10] Calendar year 1977. [11] Includes milled rice. [12] Redried weight bases. [13] Includes oil equivalent of exported oilseeds. [14] Exports from producing countries. [15] Calendar year 1978. [16] Calendar year 1979.

Source: U.S. Foreign Agricultural Service, *Foreign Agriculture Circular*, periodic.

NO. 1247. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1960 TO 1979

[**In billions of dollars, except percent.** Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also *Historical Statistics, Colonial Times to 1970*, series K 251-255]

ITEM	1960-1964, avg.	1965-1969, avg.	1970-1974, avg.	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Exports, domestic products	5.4	6.3	12.8	4.8	6.2	7.3	17.7	22.0	21.9	23.0	23.7	29.4	34.7
Percent of all exports	24	20	20	24	23	17	23	23	21	20	20	20	19
Imports for consumption	3.9	4.6	7.3	3.8	4.1	5.8	8.4	10.2	9.3	11.0	13.5	14.8	16.7
Percent of all imports	24	16	12	25	19	15	12	10	10	9	9	9	8

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual, and *Foreign Agricultural Trade of the United States*, Jan.-Feb. issues. Also in *Agricultural Statistics*, annual.

NO. 1248. AGRICULTURAL EXPORTS—VALUE BY PRINCIPAL COMMODITIES AND SELECTED COUNTRIES OF DESTINATION: 1970 TO 1979

[See headnote, table 1247. Data by country of destination not adjusted for transshipments]

COMMODITY AND COUNTRY	VALUE (mil. dol.)								PERCENT		
	1970	1973	1974	1975	1976	1977	1978	1979	1970	1975	1979
Total agricultural exports [1]	**7,255**	**17,647**	**21,945**	**21,859**	**22,978**	**23,636**	**29,407**	**34,745**	**100.0**	**100.0**	**100.0**
Grains and preparations [2]	2,582	8,481	10,311	11,619	10,875	8,713	11,580	14,403	35.6	53.2	41.5
Feed grains and products	1,093	3,577	4,698	5,283	6,024	4,907	5,903	7,793	15.1	24.2	22.4
Corn	818	2,824	3,751	4,422	5,194	4,099	5,257	6,974	11.3	20.2	20.1
Wheat and products	1,136	4,200	4,634	5,353	4,086	2,932	4,602	5,586	15.7	24.5	16.1
Rice	313	539	852	858	629	730	932	854	4.3	3.9	2.5
Oilseeds and products [2]	1,931	4,308	5,709	4,452	5,070	6,615	8,175	8,886	26.6	20.4	25.6
Soybeans	1,228	2,762	3,537	2,865	3,315	4,393	5,208	5,701	16.9	13.1	16.4
Soybean oil cake and meal	344	933	944	639	864	920	1,242	1,416	4.7	2.9	4.1
Vegetable oils and waxes	295	356	883	635	586	834	970	1,155	4.1	2.9	3.3
Soybean oil	194	151	522	269	240	443	569	769	2.7	1.2	2.2
Animals and animal products [2]	865	1,584	1,776	1,686	2,380	2,667	3,033	3,765	11.9	7.7	10.8
Hides and skins, incl. furskins	187	473	462	407	693	786	917	1,332	2.6	1.9	3.8
Cattle hides	130	339	297	260	471	525	625	887	1.8	1.2	2.6
Meats and meat products	132	374	302	432	617	610	743	853	1.8	2.0	2.5
Fats, oils, and greases	246	333	585	360	443	592	599	740	3.4	1.6	2.1
Poultry and poultry products	82	116	135	157	263	312	341	409	1.1	.7	1.2
Cotton, excluding linters	372	929	1,335	991	1,049	1,529	1,740	2,198	5.1	4.5	6.3
Tobacco, unmanufactured	517	681	832	852	922	1,094	1,358	1,184	7.1	3.9	3.4
Fruits and preparations	334	535	596	699	770	835	1,014	1,127	4.6	3.2	3.2
Fresh fruits	164	284	326	404	434	458	566	646	2.3	1.8	1.9
Feeds and fodders	138	272	272	312	449	616	609	838	1.9	1.4	2.4
Vegetables and preparations	219	373	473	505	674	631	703	764	3.0	2.3	2.2
Nuts and preparations	69	121	156	169	198	240	324	584	1.0	.8	1.7
Other	228	363	485	574	592	699	870	996	3.1	2.6	2.9
Asia [1]	2,716	6,508	8,356	7,620	7,575	8,042	10,284	12,100	37.4	34.9	34.8
Japan	1,214	2,997	3,478	3,082	3,563	3,857	4,435	5,255	16.7	14.1	15.1
Korea, Rep. of	224	635	743	830	830	919	1,148	1,441	3.1	3.8	4.1
China:											
Mainland	(z)	575	653	80	(z)	64	573	990	(z)	.4	2.8
Taiwan	134	406	430	565	474	612	824	1,074	1.8	2.6	3.1
Western Europe [1]	2,527	5,581	6,995	7,142	7,878	8,358	9,160	9,933	34.8	32.7	28.6
European Economic Community [3]	2,105	4,510	4,597	5,563	6,421	6,620	7,177	7,665	29.0	25.4	22.1
Netherlands	526	1,227	1,600	1,722	1,885	2,124	2,346	2,619	7.3	7.9	7.5
Germany, Fed. Rep. of	529	1,180	1,587	1,564	1,826	1,656	1,497	1,404	7.3	7.2	4.0
United Kingdom	411	616	654	588	698	874	1,023	1,057	5.7	2.7	3.0
Italy	210	673	763	798	877	807	995	1,005	2.9	3.7	2.9
Spain	143	459	707	776	615	634	822	930	2.0	3.6	2.7
Latin America	687	1,423	2,168	1,898	1,544	1,784	2,078	3,084	9.5	8.7	8.9
Mexico	155	362	863	586	370	664	903	1,024	2.1	2.7	2.9
Soviet Union	16	920	300	1,133	1,487	1,037	1,687	2,855	.2	5.2	8.2
Eastern Europe	169	576	625	616	925	603	1,087	1,907	2.3	2.8	5.5
Canada	826	1,033	1,281	1,304	1,484	1,534	1,635	1,650	11.4	6.0	4.7
Africa	259	582	1,132	1,156	1,178	1,362	1,567	1,592	3.6	5.3	4.6

Z Less than $500,000 or .05 percent. [1] Includes areas not shown separately. [2] Includes commodities not shown separately. [3] Includes data for Belgium, Luxembourg, Denmark, France, and Ireland. As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual. Also in *Agricultural Statistics*, annual.

No. 1249. U.S. Sales and Donations Under Food for Peace (Public Law 480) Programs, Total, 1954 to 1979 and by Country, 1974 to 1979

[In millions of dollars. For years ending June 30, except beginning 1977, ending Sept. 30]

TITLE AND PROGRAM	Total, 1954-1979	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	**28,857**	**1,142**	**1,223**	**1,119**	**973**	**1,328**	**1,300**	**1,193**	**1,226**	**1,084**
Title I sales (loans) [1]	18,030	711	746	724	577	868	902	735	767	543
Repayable in dollars	8,199	485	683	724	577	868	902	735	767	543
Repayable in foreign currencies	9,831	226	63	-	-	-	-	-	-	-
Title II donations	**10,827**	**432**	**477**	**394**	**396**	**461**	**398**	**458**	**461**	**541**
Voluntary relief agencies	6,571	181	197	177	196	266	299	326	319	374
Emergency relief and other [2]	4,256	250	280	217	200	194	99	132	143	167

REGION AND COUNTRY	1974		1975		1976		1977		1978		1979	
	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations
Total	**577.1**	**396.2**	**867.5**	**460.6**	**902.0**	**397.9**	**735.3**	**458.4**	**767.4**	**461.1**	**543.0**	**540.4**
Near East and South Asia [3]	**104.2**	**135.7**	**603.8**	**163.6**	**622.5**	**125.7**	**398.4**	**156.0**	**413.7**	**162.3**	**198.1**	**218.6**
Bangladesh	48.2	2.7	237.3	4.5	180.7	2.5	63.8	19.3	78.0	20.5	86.1	29.0
Egypt	9.5	3.3	104.5	12.8	201.7	4.4	196.8	11.7	179.7	12.5	27.4	22.4
India	-	71.2	121.6	106.1	78.9	102.4	24.7	101.3	26.4	109.8	-	137.6
Israel	-	1.5	8.6	-	14.4	-	7.0	-	6.8	-	5.1	-
Jordan	8.2	3.1	6.4	5.2	11.6	3.9	9.8	3.8	6.0	3.9	5.1	2.7
Lebanon	-	5.7	-	2.9	-	.1	6.8	3.9	7.6	4.4	-	4.4
Pakistan	32.4	10.1	79.5	5.4	94.8	2.1	35.3	2.0	56.4	1.3	38.0	3.2
Sri Lanka	5.9	2.6	24.5	5.4	22.0	4.1	39.9	4.0	34.4	3.4	16.3	4.6
Syria	-	-	21.4	.2	18.4	-	14.3	5.4	13.3	2.0	18.1	2.7
Yemen Arab Rep.	-	1.4	-	3.4	-	2.6	-	1.1	-	.2	-	.3
East Asia [3]	**454.8**	**36.5**	**180.7**	**36.1**	**167.4**	**26.1**	**172.3**	**43.5**	**183.7**	**23.7**	**135.7**	**24.4**
Kampuchea	182.6	(z)	91.5	2.9	-	-	-	-	-	-	-	-
Indonesia	-	11.2	34.8	11.5	50.6	5.9	85.3	6.4	115.4	7.3	66.7	7.5
Korea, Rep. of	-	7.2	8.7	5.7	116.8	.3	75.1	-	56.3	-	38.0	-
Philippines	3.4	12.6	-	10.8	-	19.0	11.9	37.0	12.0	15.1	9.0	14.8
Vietnam [4]	268.9	1.0	45.7	3.9	-	.8	-	-	-	-	-	-
Africa [3]	**7.8**	**133.4**	**16.2**	**118.8**	**39.4**	**100.5**	**57.2**	**97.8**	**73.8**	**133.9**	**99.9**	**122.6**
Algeria	-	-	-	4.6	-	6.1	-	5.4	-	4.1	-	.6
Botswana	-	2.3	-	2.6	-	2.6	-	2.5	-	3.0	-	2.6
Chad	-	6.2	-	.3	-	.5	-	5.3	-	6.8	-	6.2
Ethiopia	-	13.9	-	5.2	3.4	3.8	-	4.6	-	5.0	-	12.6
Ghana	-	2.1	-	2.8	-	3.9	-	6.5	-	3.0	9.5	5.1
Guinea	5.0	.7	8.6	2.4	5.2	1.2	.7	.4	5.2	6.6	5.7	-
Lesotho	-	3.1	-	3.6	-	5.7	-	4.4	-	3.6	-	5.5
Mali	-	16.0	-	8.9	-	.2	-	(Z)	-	5.3	-	1.4
Mauritania	-	8.5	-	2.4	-	2.3	-	1.7	-	2.9	-	1.7
Morocco	-	17.0	-	12.7	11.8	17.2	8.0	15.1	8.8	15.7	9.7	11.2
Niger	-	20.3	-	7.8	-	3.5	-	.4	-	2.8	-	.1
Senegal	-	7.9	-	2.1	-	2.3	-	2.9	-	11.2	-	5.9
Sudan	2.8	2.2	-	8.2	-	1.5	4.6	1.8	9.8	2.5	19.0	1.8
Tanzania	-	2.6	7.6	16.0	4.3	19.6	7.6	10.3	6.2	1.8	-	2.4
Tunisia	-	6.9	-	10.1	2.3	5.6	6.9	5.1	9.0	8.6	9.6	6.8
Upper Volta	-	8.2	-	3.6	-	3.0	-	8.1	-	8.3	-	9.6
Zaire	-	.5	-	.4	12.4	.2	22.7	.1	18.0	.5	17.0	4.4
Zambia	-	.1	-	.2	-	.1	5.4	.2	8.5	(z)	10.0	3.0
Latin America [3]	**10.2**	**40.3**	**66.8**	**61.0**	**53.6**	**83.8**	**40.9**	**71.8**	**58.2**	**47.0**	**71.3**	**66.9**
Bolivia	6.4	1.9	-	5.1	-	6.2	-	6.7	10.8	5.7	12.0	7.0
Brazil	-	6.2	-	8.4	-	.7	-	1.3	-	.1	-	.6
Chile	-	3.2	57.8	4.6	46.6	10.2	14.3	17.2	-	5.6	-	9.0
Colombia	3.0	7.1	-	11.5	-	11.9	-	5.3	-	2.6	-	1.6
Dominican Rep	-	4.2	-	5.5	-	11.4	2.5	9.4	-	3.9	13.9	6.8
Ecuador	-	3.3	-	3.4	-	2.1	-	1.3	-	2.4	-	2.7
Guatemala	-	1.2	-	3.4	-	12.5	-	4.5	-	4.6	-	5.3
Haiti	-	2.0	2.3	3.3	4.9	9.0	10.7	8.6	10.5	8.0	8.6	6.8
Jamaica	.8	1.0	1.4	.2	-	.1	13.4	(z)	10.0	.5	10.0	.2
Peru	-	3.7	-	6.4	-	8.7	-	5.3	25.0	6.9	20.0	15.3
Europe	-	.4	-	.1	19.1	-	66.5	.4	38.0	-	38.0	-
Portugal	-	-	-	-	19.1	-	66.5	-	38.0	-	38.0	-
All other [5]	-	49.9	-	81.0	-	61.8	-	88.7	-	94.3	-	107.8

- Represents zero. Z Less than $50,000. [1] Includes Title III, Food For Development program. [2] Includes economic development and world food programs. [3] Includes countries not shown separately. [4] Data cover aid to former government of South Vietnam. [5] Includes undistributed transportation cost.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

No. 1250. Agricultural Exports Under Specified Government-Financed Programs—Value, by Selected Commodities: 1960 to 1979

[In millions of dollars, except percent. Includes Puerto Rico]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Agricultural exports [1]	**4,832**	**6,229**	**7,259**	**17,680**	**21,999**	**21,884**	**22,996**	**23,657**	**29,384**	**34,745**
Outside Government programs [1 2]	3,371	4,880	6,226	16,812	21,140	20,456	21,555	22,185	27,813	33,252
Under Government programs [1 3]	1,461	1,349	1,033	868	859	1,428	1,441	1,472	1,571	1,493
Percent of total	30.2	21.7	14.2	4.9	3.9	6.5	6.3	6.2	5.3	4.3
Wheat	638.4	739.0	313.3	218.7	127.6	556.6	478.5	374.6	426.8	476.2
Wheat flour	118.4	87.5	86.2	41.8	78.5	68.1	94.9	108.5	138.1	167.1
Corn	65.5	56.0	26.5	47.6	21.4	14.6	108.1	213.2	207.8	181.8
Grain sorghums	22.2	20.4	26.2	46.1	46.2	4.0	10.6	6.4	19.7	9.0
Rice	86.5	72.1	171.3	210.8	292.0	311.6	224.4	144.5	175.6	160.3
Cotton	230.4	114.6	115.4	81.6	30.5	32.5	28.1	17.8	15.2	17.6
Soybean oil	72.2	109.6	92.2	60.8	84.8	36.1	105.7	99.1	157.0	143.7
Milk, nonfat, dried	40.7	58.8	91.4	3.1	-	60.7	48.0	81.0	32.1	19.0

– Represents zero. [1] Sources of values for Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Entries for "Outside Government programs" are the residuals of the other two series. [2] Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (*a*) barter for overseas procurement for other U.S. agencies, (*b*) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (*c*) sales of Government-owned commodities below domestic market prices, and (*d*) export payments in cash or in kind through 1974. [3] Includes commodities not shown separately

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Agricultural Statistics*, annual, and *Foreign Agricultural Trade of the United States*, monthly.

No. 1251. Selected Farm Products—Production and Exports: 1965 to 1978

ITEM	Unit	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Wheat: Production	Mil. bu	1,316	1,352	1,546	1,711	1,782	2,122	2,142	2,036	1,798	2,142
Exports [1]	Mil. bu	852	741	1,135	1,217	1,018	1,173	950	1,124	1,194	1,325
Percent of production	Percent	64.7	54.8	73.4	71.1	57.1	55.3	44.4	55.2	66.4	61.9
Corn for grain: production	Mil. bu	4,103	4,152	5,580	5,671	4,701	5,829	6,266	6,425	7,087	7,764
Exports [1]	Mil bu	687	517	1,258	1,243	1,149	1,711	1,684	1,948	2,133	2,400
Percent of production	Percent	16.7	12.5	22.5	21.9	24.4	29.4	26.9	30.3	30.1	30.9
Soybeans, for beans: Production	Mil bu	846	1,127	1,271	1,548	1,216	1,547	1,288	1,762	1,870	2,218
Exports [1]	Mil. bu	251	434	479	539	421	555	564	700	[2]753	820
Percent of production	Percent	29.7	38.5	37.7	34.8	34.6	35.9	43.8	39.7	40.2	36.1
Cotton: Production	Mil bales [3]	14.9	10.2	13.7	13.0	11.5	8.3	10.6	14.4	10.9	14.6
Exports [1]	Mil. bales [3]	3.0	3.9	5.3	6.1	3.9	3.3	4.8	5.5	6.2	9.2
Percent of production	Percent	20.1	38.2	38.7	46.9	33.9	39.8	45.3	38.2	56.9	63.1
Tobacco: Production [4]	Mil. lb	1,855	1,906	1,749	1,742	1,990	2,182	2,136	1,913	2,024	1,527
Exports [1]	Mil. lb	538	639	639	732	653	654	678	693	765	680
Percent of production	Percent	29.0	33.5	36.5	42.0	32.8	30.0	31.8	36.2	37.8	44.5
Fats and oils: Production [5]	Bil. lb	20.5	25.0	25.3	24.6	26.8	23.6	27.8	27.6	30.9	37.9
Exports [1]	Bil. lb	7.5	10.2	10.5	10.5	11.8	9.6	11.6	13.0	14.8	17.1
Percent of production	Percent	36.4	40.6	41.3	42.7	43.9	40.6	41.7	47.3	47.9	45.0

[1] Represents marketing year for each product. [2] Based on inspections for export. [3] 480 lb. net weight bales. [4] Farm sales weight. [5] Production from domestic materials.

Source: U.S. Dept. of Agriculture, Economics, Statistic, and Cooperatives Service. In *Agricultural Statistics*, annual.

No. 1252. Acreages of Crops Harvested for Specified Purposes: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series K 496-499]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979 [1]
Crops harvested [2]	**Mil. acres**	**324**	**298**	**293**	**294**	**321**	**328**	**336**	**337**	**344**	**337**	**348**
Domestic use [3]	Mil. acres	260	222	221	203	225	229	236	240	232	224	232
Per capita [4]	Acres	1.41	1.14	1.08	.97	1.07	1.08	1.10	1.12	1.07	1.02	1.05
Exports	Mil acres	64	76	72	91	96	99	100	97	112	113	116
Percent of total	Percent	19.8	25.5	24.6	31.0	29.9	30.2	29.8	28.8	32.6	33.5	33.3
Crop failure	**Mil. acres**	**6**	**6**	**5**	**7**	**5**	**8**	**6**	**9**	**9**	**7**	**7**

[1] Preliminary. [2] Area in principal crops harvested as reported by Economics, Statistics, and Cooperatives Service plus acreage in vegetables, fruits, tree nuts, and farm gardens. [3] Includes feed for horses and mules. [4] Based on Bureau of the Census estimated total population, including armed forces overseas, as of July 1.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Changes in Farm Production and Efficiency*, annual.

NO. 1253. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1961 TO 1979

(Acreage, production, and yield of all crops revised on basis of census data. See *Historical Statistics, Colonial Times to 1970*, series K 506-563, for acreage harvested, production, and price data for all crops listed except sorghums)

ITEM	Unit	1961-1965, avg.	1966-1970, avg.	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Corn for grain:											
Acreage harvested	1,000 acres	56,670	57,121	57,358	62,143	65,405	67,505	71,300	70,872	70,275	70,984
Production	Mil. bu	3,762	4,463	4,152	5,671	4,701	5,829	6,266	6,425	7,087	7,764
Farm value [1]	Mil. dol	4,251	5,194	5,515	14,463	14,232	14,789	13,472	12,944	15,875	18,569
Yield per acre	Bu	66.4	78.1	72.4	91.3	71.9	86.3	87.9	90.7	100.8	109.4
Price [2]	Dol. per bu	1.13	1.16	1.33	2.55	3.02	2.54	2.15	2.02	2.25	2.41
Soybean for beans:											
Acreage harvested	1,000 acres	29,694	40,265	42,249	55,667	51,341	53,579	49,358	57,612	63,343	70,530
Production	Mil. bu	719	1,054	1,127	1,548	1,216	1,547	1,288	1,762	1,870	2,268
Farm value [1]	Mil. dol	1,770	2,711	3,215	8,790	8,071	7,618	8,769	10,352	12,459	14,039
Yield per acre	Bu	24.2	26.2	26.7	27.8	23.7	28.9	26.1	30.6	29.5	32.2
Price [2]	Dol. per bu	2.46	2.57	2.85	5.68	6.64	4.92	6.81	5.88	6.66	6.19
Wheat:											
Acreage harvested	1,000 acres	48,017	50,688	43,564	54,148	65,368	69,391	70,771	66,461	56,942	62,600
Production	Mil. bu	1,214	1,439	1,352	1,711	1,782	2,122	2,142	2,036	1,798	2,142
Farm value [1]	Mil. dol	2,027	1,950	1,802	6,745	7,287	7,535	5,851	4,743	5,349	8,175
Yield per acre	Bu	25.3	28.3	31.0	31.6	27.3	30.6	30.3	30.6	31.6	34.2
Price [2]	Dol. per bu	1.67	1.36	1.33	3.95	4.09	3.56	2.73	2.33	2.98	3.82
Hay:											
Acreage harvested	1,000 acres	67,248	61,953	61,467	61,828	60,195	61,324	60,311	60,658	61,515	61,162
Production	Mil. tons [3]	120	125	127	134	126	132	120	131	142	146
Farm value [1]	Mil. dol	2,680	2,918	3,076	5,004	5,791	6,449	6,811	6,782	6,573	7,324
Yield per acre	Short tons	1.79	2.01	2.07	2.17	2.10	2.16	1.99	2.16	2.31	2.39
Price [2] [4]	Dol. per ton	22.30	23.40	26.10	41.60	50.90	52.20	60.30	54.00	49.80	59.70
Cotton:											
Acreage harvested	1,000 acres	14,616	9,983	11,155	11,970	12,547	8,796	10,914	13,275	12,370	12,816
Production [5]	Mil. bales [6]	14.9	9.6	10.2	13.0	11.5	8.3	10.6	14.4	10.9	14.6
Farm value [1]	Mil. dol	2,312	1,068	1,122	2,780	2,374	2,044	3,255	3,615	3,045	4,393
Yield per acre	Lb	510	463	438	520	442	453	465	520	421	548
Price [2]	Cents per lb	31.0	23.1	22.0	44.6	42.9	51.3	64.1	52.3	58.4	62.6
Tobacco:											
Acreage harvested	1,000 acres	1,126	926	898	887	963	1,086	1,045	958	948	826
Production	Mil. lb	2,160	1,854	1,906	1,742	1,990	2,182	2,136	1,913	2,024	1,531
Farm value [1]	Mil. dol	1,311	1,288	1,389	1,569	2,160	2,238	2,404	2,269	2,679	2,160
Yield per acre	Lb	1,919	2,004	2,122	1,965	2,067	2,008	2,045	1,997	2,135	1,853
Price [3]	Dol. per lb	.61	.69	.73	.90	1.09	1.03	1.13	1.19	1.32	1.41
Sorghums for grain:											
Acreage harvested	1,000 acres	12,131	13,739	13,568	15,700	13,809	15,355	14,723	14,092	13,561	12,949
Production	Mil. bu	548	723	683	923	623	753	720	793	748	814
Farm value [1]	Mil. dol	548	743	780	1,978	1,722	1,775	1,450	1,434	1,502	1,885
Yield per acre	Bu	45.1	52.6	50.4	58.8	45.1	49.0	48.9	56.3	55.1	62.9
Price [2] [7]	Dol. per bu	1.00	1.03	1.14	2.14	2.77	2.37	2.03	1.82	2.02	2.33
Rice, rough:											
Acreage harvested	1,000 acres	1,742	2,047	1,815	2,170	2,531	2,818	2,480	2,249	2,970	2,979
Production	Mil. cwt	68	91	84	93	112	128	116	99	133	137
Farm value [1]	Mil. dol	340	455	433	1,280	1,261	1,072	811	941	1,087	1,503
Yield per acre	Lb	3,903	4,439	4,618	4,274	4,440	4,558	4,663	4,412	4,484	4,588
Price [2]	Dol. per cwt	5.00	5.01	5.17	13.80	11.20	8.35	7.02	9.49	8.16	11.00
Potatoes:											
Acreage harvested	1,000 acres	1,361	1,428	1,421	1,307	1,392	1,264	1,375	1,359	1,371	1,279
Production	Mil. cwt	272	309	326	300	342	322	358	355	365	348
Farm value [1]	Mil. dol	580	652	715	1,472	1,355	1,445	1,283	1,254	1,222	1,204
Yield per acre	Cwt	200	217	229	230	246	255	260	261	266	272
Price [2]	Dol. per cwt	2.13	2.11	2.21	4.90	4.01	4.48	3.59	3.55	3.38	3.47
Oats:											
Acreage harvested	1,000 acres	21,170	17,652	18,594	13,770	12,608	13,092	11,946	13,452	11,426	9,831
Production	Mil. bu	954	686	915	659	601	642	546	751	596	534
Farm value [1]	Mil. dol	604	560	582	775	912	928	845	825	706	717
Yield per acre	Bu	45.1	50.2	49.2	47.9	47.6	49.0	45.7	55.8	52.2	54.4
Price [2]	Dol. per bu	.63	.63	.62	1.18	1.53	1.46	1.56	1.10	1.20	1.36
Sugar beets:											
Acreage harvested	1,000 acres	1,212	1,329	1,413	1,218	1,213	1,517	1,479	1,216	1,269	1,124
Production	Mil. tons [3]	20.7	23.8	26.4	24.5	22.1	29.7	29.4	25.0	25.8	22.1
Farm value [1]	Mil. dol	248	323	392	726	1,036	821	617	604	650	(NA)
Yield per acre	Short tons	17.1	17.9	18.7	20.1	18.2	19.6	19.9	20.6	20.3	19.6
Price [2]	Dol. per ton	11.98	13.57	14.80	29.60	46.80	27.60	21.00	24.20	25.20	(NA)

NA Not available. [1] Values are based on season average prices; see footnote 2. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. price. For certain years, prices for wheat, rice, corn for grain, grain sorghums, oats, soybeans, and cotton include an allowance for unredeemed loans and purchase agreement deliveries. [3] In short tons. [4] Prices are for hay sold baled. [5] State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals. [6] Bales of 500 pounds, gross weight. Beginning 1970, bales of 480 lb., net weight. [7] Based on reported price of grain sorghums.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Agricultural Statistics*, annual; *Crop Production*, annual; and *Field Crops—Production, Disposition, Value*, annual.

No. 1254. Crops—Acreage and Value, 1977 to 1979, and Order of Value, 1978, by States

State	Acreage harvested (1,000)			Farm value (mil. dol.)				Crops in order of value, 1978
	1977	1978	1979 prel.	1977	1978	1979, prel. Value	1979, prel. Rank	
U.S.[1]	332,367	325,427	336,643	57,256	64,483	74,342	(x)	Corn, soybeans, hay, wheat.
Ala	3,497	3,919	4,161	546	685	797	31	Soybeans, peanuts, cotton lint, corn.
Ariz	1,183	1,213	1,207	663	726	843	29	Cotton lint, lettuce, hay, wheat.
Ark	8,190	7,907	8,343	1,460	1,545	1,768	14	Soybeans, rice, cotton lint, hay.
Calif	6,134	6,426	6,510	5,938	6,226	7,775	1	Grapes, cotton lint, tomatoes, hay.
Colo	5,832	5,871	6,107	613	680	876	28	Corn, wheat, hay, sugarbeets.
Conn	140	143	140	47	53	67	[2]45	Tobacco, hay, apples, potatoes.
Del	514	511	530	81	117	127	41	Soybeans, corn, potatoes, mushrooms.
Fla	1,358	1,487	1,520	1,627	2,109	2,247	11	Oranges, sugarcane,[3] tomatoes, grapefruit.
Ga	3,777	4,868	5,348	834	1,157	1,398	20	Peanuts, soybeans, corn, pecans.
Hawaii	104	106	109	28	31	38	47	(NA).
Idaho	4,326	4,507	4,493	868	992	1,061	24	Wheat, potatoes, hay, barley.
Ill	23,441	22,709	23,442	4,887	5,226	6,191	2	Corn, soybeans, hay, wheat.
Ind	12,664	12,211	12,515	2,402	2,715	3,008	8	Corn, soybeans, hay, wheat.
Iowa	24,559	24,438	24,984	4,124	5,544	6,169	3	Corn, soybeans, hay, oats.
Kans	22,490	20,596	21,009	1,936	2,082	3,091	7	Wheat, sorghum, corn, hay.
Ky	5,098	5,056	5,231	1,277	1,374	1,391	21	Tobacco, soybeans, corn, hay.
La	4,564	4,723	4,974	918	976	1,087	23	Soybeans, rice, cotton, sugarcane.[3]
Maine	476	418	415	127	150	164	40	Potatoes, hay, wheat, apples.
Md	1,469	1,526	1,572	273	351	375	35	Corn, soybeans, hay, tobacco.
Mass	160	161	159	67	84	85	43	Cranberries, hay, apples, tobacco.
Mich	6,582	6,536	6,907	1,172	1,312	1,508	16	Corn, hay, soybeans, dry edible beans.
Minn	21,748	21,057	21,863	3,209	3,517	3,460	5	Corn, soybeans, hay, wheat.
Miss	6,196	6,167	6,389	1,086	1,187	1,439	19	Soybeans, cotton lint, rice, hay.
Mo	14,171	13,384	14,345	1,925	2,085	2,462	10	Soybeans, corn, hay, sorghum.
Mont	9,021	8,990	8,828	667	758	765	32	Wheat, hay, barley, sugarbeets.
Nebr	18,285	17,353	17,858	2,387	2,791	3,224	6	Corn, soybeans, hay, sorghum.
Nev	489	509	530	80	80	109	42	Hay, potatoes, alfalfa seed, wheat.
N.H	113	114	116	21	22	23	48	Hay, apples, maple sirup.
N.J	531	542	556	181	221	231	37	Soybeans, hay, corn, peaches.
N. Mex	1,325	1,185	1,305	221	218	253	36	Hay, cotton lint, sorghum, corn.
N.Y	4,233	4,271	4,309	734	827	881	27	Hay, corn, apples, potatoes.
N.C	4,734	4,918	5,243	1,517	2,040	1,848	13	Tobacco, corn, soybeans, peanuts.
N. Dak	20,264	20,452	20,881	1,321	1,839	1,991	12	Wheat, sunflower seed, hay, sugarbeets.
Ohio	10,837	10,701	10,995	1,991	2,257	2,554	9	Corn, soybeans, hay, wheat.
Okla	9,873	9,110	9,600	897	885	1,441	18	Wheat, hay, cotton lint, peanuts.
Oreg	2,647	2,653	2,641	683	764	841	30	Wheat, hay, potatoes, peppermint.
Pa	4,383	4,366	4,454	884	947	956	26	Corn, hay, mushrooms, apples.
R.I	16	16	17	5	7	6	49	Potatoes, hay, apples.
S.C	2,750	2,745	2,871	526	681	724	33	Soybeans, tobacco, corn, peaches.
S. Dak	14,937	15,175	15,491	940	1,075	1,302	22	Corn, hay, wheat, oats.
Tenn	5,064	5,093	5,276	765	900	967	25	Soybeans, tobacco, corn, hay.
Tex	23,305	20,498	22,421	3,564	3,237	4,549	4	Cotton lint, sorghum, corn, rice.
Utah	1,008	1,079	1,100	168	169	204	38	Hay, wheat, barley, sugarbeets.
Vt	543	549	556	58	70	67	[2]45	Hay, apples, maple sirup, potatoes.
Va	2,794	2,768	2,827	520	682	679	34	Tobacco, corn, hay, soybeans.
Wash	4,668	4,644	4,561	1,192	1,462	1,481	17	Wheat, apples, potatoes, hay.
W. Va	714	719	714	78	91	81	44	Hay, apples, corn, peaches.
Wis	9,387	9,181	9,376	1,598	1,345	1,547	15	Corn, hay, potatoes, oats.
Wyo	1,773	1,856	1,844	150	191	191	39	Hay, sugarbeets, wheat, barley.

NA Not available. X Not applicable. [1] Excludes Alaska. [2] Conn. and Vt. share the rank of 45. In order to have the lowest rank equal to the number of States shown, the number 46 is omitted. [3] For sugar and seed.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives' Service, *Crop Production; Commercial Vegetables; Field Seeds;* and *Crop Values;* all annual.

NO. 1255. CORN—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1979

[In millions, of bushels, except as noted. For years beginning October]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979 prel.
Supply, total	5,695	5,251	5,161	6,708	6,380	5,187	6,192	6,668	7,312	8,192	9,051
Production	3,907	4,103	4,152	5,580	5,671	4,701	5,829	6,266	6,425	7,087	7,764
Imports [1]	1	1	4	1	1	2	2	3	3	1	1
Carryover stocks, Oct. 1	1,787	1,147	1,005	1,129	708	484	361	399	884	1,104	1,286
Disappearance, total	3,678	4,409	4,494	6,000	5,896	4,826	5,793	5,784	6,208	6,906	7,365
Domestic	3,387	3,722	3,978	4,742	4,653	3,677	4,082	4,100	4,260	4,773	4,965
Livestock feed	3,092	3,352	3,593	4,313	4,205	3,226	3,592	3,587	3,709	4,198	4,350
Food, industry, and seed	294	360	385	429	448	451	490	513	551	575	615
Exports [1]	292	687	517	1,258	1,243	1,149	1,711	1,684	1,948	2,133	2,400
Price support operations: [2]											
National avg. loan rate (dol. per bu.)	1.06	1.05	1.05	1.05	1.05	1.10	1.10	1.50	2.00	2.00	2.10
Quantity placed under loan	637	215	324	420	261	77	147	276	1,159	641	750
Percent of production	16	5	8	8	5	2	3	4	18	9	10
Support or target price (dol. per bu.) [3]	1.06	1.25	1.35	1.41	1.64	1.38	1.38	1.57	2.00	2.10	2.20

[1] Includes grain equivalent of corn products. [2] See text, p. 685. [3] Guaranteed on normal production from part or all of a participant's base or allotment acreage.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Feed Situation*, quarterly, and *Agricultural Supply and Demand Estimates*, annual. Also in *Agricultural Statistics*, annual.

NO. 1256. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[See Historical Statistics, Colonial Times to 1970, series K 502-505, for U.S. data on corn for all purposes]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.) [1]			PRODUCTION (mil. bu.) [1]			FARM VALUE (mil. dol.)			PRICE [2] (dol. per bu.)	
	1977	1978	1979, prel.	1977	1978	1979, prel.	1977	1978	1979, prel.	1977	1978	1979, prel.	1978	1979, prel.
Total	70,872	70,275	70,984	91	101	109	6,425	7,087	7,764	12,944	15,875	18,569	2.25	2.41
Ala	375	544	502	29	50	61	11	27	31	23	64	89	2.35	2.90
Calif	247	281	260	116	126	117	29	35	30	68	102	97	2.88	3.20
Colo	695	675	725	116	110	127	81	74	92	156	168	221	2.26	2.40
Del	185	175	167	56	96	102	10	17	17	22	39	48	2.33	2.80
Fla	299	370	360	35	52	53	10	19	19	17	40	54	2.10	2.85
Ga	1,000	1,500	1,550	24	50	65	24	75	101	50	185	287	2.46	2.85
Ill	11,080	10,730	10,610	105	111	128	1,163	1,191	1,358	2,432	2,739	3,395	2.30	2.50
Ind	6,210	5,900	5,930	102	108	112	633	637	664	1,248	1,421	1,660	2.23	2.50
Iowa	12,700	12,700	12,800	86	115	127	1,092	1,461	1,626	2,173	3,169	3,739	2.17	2.30
Kans	1,680	1,500	1,470	96	102	117	161	153	172	321	359	430	2.35	2.50
Ky	1,470	1,410	1,300	90	85	102	132	120	133	290	288	332	2.40	2.50
Md	600	590	595	72	97	99	43	57	59	90	136	165	2.38	2.80
Mich	2,320	2,400	2,500	85	81	95	197	194	238	379	431	534	2.22	2.25
Minn	6,000	6,190	6,060	100	104	100	600	644	606	1,140	1,339	1,212	2.08	2.00
Mo	2,650	2,200	2,220	76	87	103	201	191	229	413	432	537	2.26	2.35
Nebr	6,550	6,550	6,900	99	113	115	648	740	794	1,277	1,643	1,825	2.22	2.30
N.Y	640	600	650	80	79	85	51	47	55	113	116	146	2.44	2.65
N.C	1,740	1,600	1,690	51	76	76	89	122	128	178	292	360	2.40	2.80
N. Dak	237	253	290	73	79	76	17	20	22	34	41	50	2.06	2.25
Ohio	3,620	3,610	3,630	105	105	115	380	379	418	764	864	1,023	2.28	2.45
Pa	1,160	1,190	1,215	92	95	95	107	113	115	248	303	323	2.68	2.80
S.C	690	550	509	36	55	60	25	30	41	47	74	112	2.45	2.75
S. Dak	2,150	2,560	2,850	59	67	74	127	172	211	232	328	401	1.91	1.90
Tenn	730	660	620	65	66	83	47	44	51	100	105	144	2.40	2.80
Tex	1,650	1,440	1,260	98	100	105	162	144	132	349	353	370	2.45	2.80
Va	560	615	615	55	82	83	31	50	51	65	119	146	2.35	2.85
Wis	2,800	2,750	2,980	104	98	103	291	270	306	585	577	691	2.14	2.25
Other	834	732	726	73	83	90	61	61	65	131	148	178	(x)	(x)

X *Not applicable.* [1] 56 pounds per bushel. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for unredeemed loan and purchase agreement deliveries valued at average rate.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

No. 1257. WHEAT—Supply, Disappearance, and Price Support: 1960 TO 1979

[**In millions of 60-pound bushels, except as noted.** For years beginning **June 1.** For explanation of price support operations, see text, p. 685. See *Historical Statistics, Colonial Times to 1970,* series K 507 and 509-510, for production and stocks]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Supply	**2,747**	**2,238**	**2,336**	**2,531**	**2,311**	**2,125**	**2,559**	**2,810**	**3,150**	**2,976**	**3,069**
Production	1,355	1,316	1,352	1,546	1,711	1,782	2,122	2,142	2,036	1,798	2,142
Imports [1]	8	1	1	1	3	3	2	3	2	1	2
Stocks, June 1, total	1,384	921	983	983	597	340	435	665	1,112	1,177	925
Disappearance	**1,245**	**1,577**	**1,513**	**1,934**	**1,970**	**1,690**	**1,894**	**1,698**	**1,973**	**2,051**	**2,095**
Domestic use	591	725	772	799	754	672	721	748	849	857	770
Food [2]	496	518	517	530	544	544	589	588	586	592	600
Seed and feed [3]	95	207	255	269	209	127	133	160	263	265	170
Exports [1]	653	852	741	1,135	1,217	1,018	1,173	950	1,124	1,194	1,325
Price support operations:											
Support or target price per bu.[4]	$1.78	$1.72	$2.00	$1.72	$1.46	$2.05	$2.05	$2.29	$2.90	$3.40	$3.63
Quantity under support	424	173	254	167	60	37	52	499	591	254	(NA)
Percent of production	31.3	13.1	18.5	9.3	3.5	2.1	2.4	23.2	29.0	14.1	(NA)

NA Not available. [1] Imports and exports include flour and other products expressed in wheat equivalent. Compiled from reports of the U.S. Bureau of the Census. [2] Used for food in the U.S. Territories, and by the military. [3] Residual; approximates feed use and includes negligible quantities used for distilled spirits and beer. [4] Beginning 1974, target price on allotted production.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Agricultural Statistics,* annual, and *Wheat Situation,* quarterly.

No. 1258. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[See *Historical Statistics, Colonial Times to 1970,* series K 506-508, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels) [2]			PRODUCTION (mil. bushels) [2]			FARM VALUE (mil. dol.)			PRICE [3] (dol. per bu.)	
	1977	1978	1979 [1]	1977	1978	1979 [1]	1977	1978	1979 [1]	1977	1978	1979 [1]	1978	1979 [1]
Total	**66,461**	**56,942**	**62,600**	**31**	**32**	**34**	**2,036**	**1,798**	**2,142**	**4,743**	**5,349**	**8,175**	**2.98**	**3.82**
Ariz	140	138	125	72	70	76	10.1	9.7	9.5	26.9	28.4	36.0	2.94	3.77
Ark	660	300	420	39	37	35	25.7	11.1	14.7	53.8	31.0	54.4	2.79	3.70
Calif	678	715	825	65	64	71	43.7	45.8	58.2	119.1	147.0	240.3	3.21	4.13
Colo	2,575	2,523	2,641	22	23	27	57.2	59.1	70.2	121.5	165.7	256.0	2.81	3.65
Ga	100	120	160	33	32	35	3.3	3.8	5.6	7.4	11.3	20.7	2.95	3.70
Idaho	1,190	1,295	1,470	43	58	50	50.7	74.7	74.1	133.7	233.2	261.1	3.12	3.52
Ill	1,570	930	1,300	43	38	43	67.5	35.3	55.9	138.4	107.1	223.6	3.03	4.00
Ind	1,240	815	945	45	39	47	55.8	31.8	44.4	114.9	96.6	177.7	3.04	4.00
Kans	12,100	10,200	10,800	29	30	38	344.9	306.0	410.4	772.5	884.3	1,539.0	2.89	3.75
Ky	274	195	290	37	35	38	10.1	6.8	11.0	21.3	21.5	44.1	3.15	4.00
Md	120	102	114	36	37	37	4.3	3.8	4.2	9.2	11.3	17.3	3.00	4.10
Mich	825	450	785	40	40	43	33.0	18.0	33.8	66.7	59.4	130.0	3.30	3.85
Minn	3,327	2,776	2,578	40	34	35	131.9	93.2	90.4	326.3	275.6	335.8	2.96	3.71
Miss	105	65	115	34	31	32	3.6	2.0	3.7	7.1	5.9	15.1	2.95	4.10
Mo	1,760	840	1,600	39	34	44	68.6	28.6	70.4	141.4	84.0	267.5	2.94	3.80
Mont	5,060	4,840	5,125	26	30	23	130.9	146.1	116.5	309.3	402.1	423.1	2.75	3.63
Nebr	2,950	2,550	2,550	35	32	34	103.3	81.6	86.7	229.2	227.7	320.8	2.79	3.70
N. Mex	425	306	398	22	18	22	9.1	5.5	8.8	19.9	15.7	35.0	2.85	4.00
N.Y	175	75	160	39	35	41	6.8	2.6	6.6	13.4	8.8	24.6	3.35	3.75
N.C	200	180	210	30	33	36	6.0	5.9	7.6	13.2	16.9	28.0	2.85	3.70
N. Dak	9,254	9,585	9,600	25	30	26	229.9	286.1	252.2	567.4	813.2	958.4	2.84	3.80
Ohio	1,540	1,125	1,320	47	39	48	72.4	43.9	63.4	158.5	141.3	259.8	3.22	4.10
Okla	6,500	5,400	5,700	27	27	38	175.5	145.8	216.6	407.2	441.8	855.6	3.03	3.95
Oreg	1,230	1,225	1,245	39	42	43	47.6	51.9	57.3	131.9	182.3	220.6	3.51	3.85
Pa	270	245	262	33	33	31	8.9	8.1	8.1	21.4	27.1	34.5	3.35	4.25
S. Dak	3,016	3,090	2,805	24	21	21	72.0	66.0	60.1	175.9	185.2	219.5	2.81	3.65
Tenn	280	220	295	36	35	34	10.1	7.7	10.0	22.7	22.3	38.1	2.90	3.80
Tex	4,700	2,700	4,600	25	20	30	117.5	54.0	138.0	252.6	158.2	538.2	2.93	3.90
Utah	204	223	250	23	30	27	4.7	6.7	6.7	11.5	19.9	24.1	2.98	3.61
Va	205	155	180	31	35	35	6.4	5.4	6.3	13.7	16.5	25.8	3.05	4.10
Wash	2,985	2,910	2,980	34	45	40	101.3	130.8	118.0	284.7	451.1	466.1	3.45	3.95
Wyo	281	294	287	20	26	22	5.6	7.6	6.4	12.1	20.8	22.9	2.73	3.60
Other	522	355	465	34	34	35	17.9	12.2	16.2	38.0	36.2	61.8	(X)	(X)

X Not applicable. [1] Preliminary. [2] 60 pounds per bushel. [3] See footnote 2, table 1256.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production,* annual, and *Field Crops—Production, Disposition, Value,* annual.

NO. 1259. SORGHUM GRAIN—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1979

[**In millions of bushels, except as noted.** For years beginning **Oct.** For explanation of price supports, see p. 685]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Total supply	1,201	1,239	927	943	996	684	788	771	884	939	973
Production	620	673	683	801	923	623	753	720	793	748	814
Carryover stocks	581	566	244	142	73	61	35	51	91	191	159
Disappearance	499	848	837	870	935	649	737	680	693	779	842
Domestic, total	428	582	693	658	701	437	508	434	480	573	567
Livestock feed	415	569	684	652	694	431	502	428	473	565	560
Exports	71	266	144	212	234	212	229	246	213	206	275
Price support operations:											
National avg. loan rate per cwt	$1.52	$1.65	$1.61	$1.79	$1.79	$1.88	$1.88	$2.55	$3.39	$3.39	$3.57
Placed under loan (mil. cwt)	113.6	59.4	17.1	16.7	13.2	2.2	5.4	12.5	121.7	51.6	34.0
Percent of production	33	16	4	4	3	1	1	3	27	12	7
Target price per cwt	$1.52	$2.00	$2.14	$2.39	$2.61	$2.34	$2.34	$2.66	$4.07	$4.07	$4.18

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Feed Situation*, quarterly, and *Agricultural Supply and Demand Estimates*, periodic. Also in *Agricultural Statistics*, annual.

NO. 1260. RICE, ROUGH EQUIVALENT—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1979

[**In millions of hundredweight, except as noted.** For years beginning **August.** Milled rice converted to a rough rice basis. See *Historical Statistics, Colonial Times to 1970*, series K 539, for production]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978 [1]	1979 [1]
Supply, total	67.0	84.6	101.7	97.4	98.1	120.3	135.5	152.6	139.8	160.6	168.3
Farm production	54.6	76.3	83.8	85.4	92.8	112.4	128.4	115.6	99.2	133.2	136.7
Beginning stocks	12.1	7.7	16.4	11.4	5.1	7.8	7.1	36.9	40.5	27.4	31.6
Imports	.3	.7	1.4	.5	.2	(z)	(z)	.1	.1	.1	–
Disappearance, total	56.4	74.2	80.9	89.8	87.5	110.5	96.8	108.3	110.5	124.9	133.5
Domestic	26.9	30.8	34.4	35.7	37.8	41.0	40.3	42.7	37.7	48.0	50.5
Food	19.9	23.4	25.1	25.1	26.1	28.6	27.7	29.2	23.5	32.6	34.2
Industry	4.9	4.7	6.8	7.7	8.1	8.4	9.1	10.3	9.9	11.1	11.9
Seed	2.1	2.7	2.5	3.0	3.6	4.0	3.5	3.2	4.3	4.3	4.4
Exports	29.5	43.3	[2] 46.5	54.0	49.7	69.5	56.5	65.6	72.8	76.9	83.0
Statistical discrepancy [3]	+.5	+2.2	+2.1	+2.5	+2.7	+2.7	+1.8	+3.8	+1.9	+4.1	–
Price support operations:											
Support or target price per cwt [4]	$4.42	$4.50	$4.86	$5.27	$6.07	$7.54	$8.52	$8.25	$8.25	$8.53	$9.05
Quantity under support	13.1	10.0	21.5	22.9	19.1	9.3	23.3	23.4	19.5	27.1	26.0
Percent of production	24.0	13.1	25.7	26.8	20.6	8.3	18.2	20.2	19.7	20.3	19.0

– Represents zero. Z Less than 50,000. [1] Preliminary. [2] Adjusted on basis of bills of lading presented to U.S. Dept. of Agriculture. [3] Results from losses in storage and handling and errors in estimation. [4] Represents target price on allotted production.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual.

NO. 1261. POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[Excludes Alaska and Hawaii. 1979 preliminary. Price is season average received by farmers; State prices weighted by sales. See *Historical Statistics, Colonial Times to 1970*, series K 532-534, for U.S. acreage, production, price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (cwt)			PRODUCTION (mil. cwt)			PRICE (dol. per cwt)			FARM VALUE (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Total	1,359	1,371	1,279	261	266	272	355	365	348	3.55	3.38	3.47	1,254	1,222	1,204
Calif	61	57	56	361	312	372	22	18	21	5.77	6.69	4.96	126	119	104
Colo	43	48	46	261	272	288	11	13	13	2.88	2.34	3.01	33	30	40
Fla	30	32	28	206	175	215	6	6	6	6.71	6.21	5.06	42	35	30
Idaho	360	365	330	245	275	267	88	100	88	2.95	2.25	3.20	260	226	282
Maine	118	118	115	240	220	250	28	26	29	3.36	3.86	4.10	95	100	118
Mich	40	42	41	257	239	235	10	10	10	4.14	4.57	4.29	42	45	41
Minn	79	78	74	189	216	198	15	17	15	2.77	2.95	2.79	42	49	41
Nev	14	17	15	340	320	330	5	5	5	2.90	2.40	2.65	14	13	13
N.Y	43	48	45	289	262	285	13	13	13	3.94	4.49	4.36	50	57	57
N. Dak	135	128	114	160	175	160	22	22	18	2.70	2.60	2.80	58	58	51
Oreg	60	68	63	426	421	402	26	29	25	2.89	2.76	2.70	74	79	68
Pa	26	25	24	250	250	250	6	6	6	4.70	4.85	4.85	30	30	29
Wash	110	109	103	460	465	475	51	51	49	2.80	2.45	2.35	142	124	115
Wis	56	55	54	325	315	315	18	17	17	3.95	4.13	4.00	71	72	68
Other	184	181	171	185	178	194	34	32	33	(x)	(x)	(x)	175	185	147

X Not applicable.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual, and *Crop Values*, annual.

No. 1262. Cotton—Summary: 1960 to 1979

[**In thousands of net weight 480 lb. bales, except as indicated.** For years beginning **Aug. 1.** Excludes linters. Excludes Alaska, Hawaii, and Puerto Rico except for imports and exports. Production figures relate to crop of current calendar year and are compiled from reports of individual ginners. Price per pound is average price received by farmers. For stocks, see *Historical Statistics, Colonial Times to 1970,* series K 554-556]

YEARLY AVERAGE OR YEAR	PRODUCTION		Consumption [2] (bales)	Net exports [2] (bales)	Net imports [2] (bales)	Beginning carryover	Average price per pound of upland cotton [2] (cents)	PRICE SUPPORT OPERATIONS [3] [4]		
	Running bales [1]	Equivalent 480-lb. bales						Price per lb. [5] (cents)	Total under support (bales)	Percent of production
1960-1964	14,779	14,794	8,676	5,062	134	9,232	31.2	32.8	7,044	48.8
1965-1969	10,557	10,571	8,920	3,586	98	11,358	23.7	32.6	3,917	37.5
1970-1974	11,511	11,777	7,513	4,528	45	4,267	33.3	37.6	1,932	16.8
1970	10,112	10,192	8,204	3,897	37	5,843	21.9	37.1	2,386	23.7
1972	13,269	13,704	7,769	5,311	34	3,258	27.2	35.9	1,910	14.5
1973	12,611	12,974	7,472	6,123	48	4,221	44.4	41.5	1,736	13.9
1974	11,328	11,540	5,860	3,926	34	3,808	42.7	38.0	2,420	21.5
1975	8,151	8,302	7,250	3,311	92	5,708	51.1	38.0	691	8.5
1976	10,347	10,581	6,674	4,784	38	3,681	63.8	43.2	941	9.2
1977	14,018	14,389	6,463	5,484	5	2,928	52.1	47.8	4,518	31.6
1978	10,549	10,856	6,352	6,180	4	5,347	58.1	52.0	1,524	14.2
1979, prel	14,262	14,629	6,506	9,229	15	3,958	61.2	57.7	1,700	11.7

[1] Round counted as half bales. [2] Adjusted to cotton season. [3] Data from U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. [4] American upland. [5] For 1960-63, support loan for middling 1-inch; 1964-73, support loan for middling 1-inch plus direct support payment; 1974-79, target price. For text on price supports, see p. 685.

Source: Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Cotton and Wool Statistics,* periodic.

No. 1263. Cotton—Acreage, Production, and Value, by States: 1977 to 1979

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar-year income. See *Historical Statistics, Colonial Times to 1970,* series K 553-558 for U.S. totals]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (lb.)			BALES (480 lb. net wt.) (1,000)			FARM VALUE (mil. dol.)			FARM PRICE PER LB. [1] (cents)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Total [2]	**13,275**	**12,370**	**12,816**	**520**	**421**	**548**	**14,389**	**10,856**	**14,629**	**3,615**	**3,045**	**4,393**	**52.3**	**58.4**	**62.6**
Ala	395	315	310	337	443	502	277	291	324	64	84	100	48.4	60.3	64.6
Ariz	557	572	618	978	941	1,046	1,135	1,122	1,347	316	318	446	58.0	59.0	69.0
Ark	930	760	530	534	417	549	1,035	660	606	262	190	188	52.7	60.1	64.7
Calif	1,390	1,455	1,635	963	640	1,000	2,790	1,940	3,408	750	595	1,145	56.0	63.9	70.0
Ga	170	115	150	232	463	486	82	111	152	20	32	46	51.8	60.2	63.7
La	540	510	465	583	450	712	656	478	690	162	138	212	51.5	60.0	64.0
Miss	1,360	1,150	1,030	581	575	670	1,645	1,378	1,437	415	397	437	52.5	60.0	63.3
Mo	258	182	137	437	496	550	235	188	157	60	55	47	53.4	60.6	62.2
N. Mex	137	123	141	605	446	380	173	114	112	47	36	38	56.2	65.2	70.1
N.C	83	42	45	307	514	459	53	45	43	13	14	13	50.5	65.4	64.7
Okla	520	585	580	402	291	432	436	355	522	98	92	149	46.6	53.9	59.5
S.C	153	98	109	342	562	511	109	115	116	28	35	36	54.1	62.7	65.5
Tenn	300	230	230	408	490	357	255	235	171	60	69	52	49.0	61.2	63.0
Tex	6,473	6,228	6,831	408	294	389	5,500	3,819	5,539	1,318	989	1,461	49.9	54.0	55.7

[1] Includes allowance for unredeemed loans in 1977 and 1978. For 1979, average price to Apr. 1, 1980, with no allowance for unredeemed loans. [2] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production,* annual, and *Crop Values,* annual.

No. 1264. Tobacco—Production, Disappearance, and Stocks: 1961 to 1979

[**In millions of pounds.** Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Farm-sales-weight basis, except as noted. See *Historical Statistics, Colonial Times to 1970,* series K 562, for production]

ITEM	1961-1965, avg.	1966-1970, avg.	1971-1975, avg.	1970	1973	1974	1975	1976	1977	1978	1979
Production	2,161	1,854	1,875	1,906	1,742	1,990	2,182	2,136	1,913	2,024	1,531
Domestic disappearance [1]	1,468	1,340	1,308	1,278	1,353	1,288	1,290	1,229	1,205	1,193	[2] 1,185
Exports	563	650	650	639	732	653	654	678	693	765	[2] 680
Imports [3]	170	220	329	219	274	300	391	366	322	376	415
Stocks, end of year [4]	4,182	4,016	3,290	3,667	2,943	3,006	3,010	3,297	3,530	3,578	[2] 3,313

[1] U.S. tobacco only. [2] Estimated. [3] Source: U.S. Bureau of the Census. Calendar year, declared weight; includes stems, trimmings, and scrap. [4] Marketing year.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *The Tobacco Situation,* quarterly.

NO. 1265. TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series K 561-563, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (pounds)			PRODUCTION (mil. lb.)			PRICE [1] (dol. per lb.)			FARM VALUE (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Total [2]	**958**	**948**	**826**	**1,997**	**2,135**	**1,853**	**1,913**	**2,024**	**1,531**	**1.19**	**1.32**	**1.41**	**2,269**	**2,679**	**2,160**
Conn	4	3	3	1,606	1,547	1,539	6	5	5	4.21	4.72	5.74	24	23	28
Fla	12	11	10	2,094	2,100	2,240	25	22	22	1.23	1.44	1.35	30	32	30
Ga	65	61	53	2,075	2,060	1,905	135	126	101	1.15	1.43	1.41	155	179	142
Ind	7	7	6	2,400	2,350	1,950	17	16	12	1.20	1.31	1.45	20	20	17
Ky	197	195	174	2,297	2,415	1,976	452	470	343	1.22	1.30	1.43	552	608	490
Md	23	22	22	1,310	1,390	1,200	30	31	26	1.15	1.23	1.40	35	38	37
N.C	393	399	335	1,896	2,131	1,858	745	849	621	1.17	1.33	1.40	870	1,132	867
Ohio	11	10	10	2,162	2,229	1,435	23	23	14	1.12	1.22	1.38	25	28	19
Pa	14	13	11	1,940	1,940	1,580	26	25	18	.60	.62	.72	16	16	13
S.C	68	71	57	2,040	2,120	2,065	139	151	118	1.23	1.38	1.42	171	207	167
Tenn	68	67	60	1,997	2,126	1,745	137	142	105	1.19	1.26	1.38	163	179	144
Va	80	73	67	1,794	1,848	1,630	143	135	110	1.16	1.31	1.40	166	177	153
Wis	12	12	13	2,032	1,678	1,988	24	20	26	.85	1.01	1.17	21	20	30

[1] See footnote 2, table 1253. [2] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1266. SUGAR, BEET AND CANE—SUPPLY AND DISAPPEARANCE: 1960 TO 1979

[In thousands of short tons, raw value. Minus sign (-) denotes decrease]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Total supply	11,877	13,025	14,392	14,292	14,235	13,132	14,515	15,827	14,828	14,627
United States production	4,009	5,370	5,874	6,061	5,662	6,300	6,798	6,089	5,602	5,799
Beet	2,439	3,044	3,511	3,353	3,221	3,473	4,003	3,423	3,067	3,067
Mainland cane [1]	634	1,108	1,201	1,579	1,400	1,720	1,745	1,632	1,506	1,667
Hawaii	936	1,218	1,162	1,129	1,041	1,107	1,050	1,034	1,029	1,065
Foreign	4,885	4,027	5,296	5,329	5,770	3,882	4,658	6,138	4,683	5,027
Puerto Rico	[2] 903	[2] 834	353	79	157	96	203	102	52	47
Beginning stocks	2,080	2,794	2,869	2,823	2,646	2,854	2,856	3,498	4,491	3,754
Total use	9,447	10,220	11,557	11,646	11,381	10,276	11,017	11,336	11,074	10,926
U.S. consumption	9,022	10,080	11,163	11,429	10,945	10,302	10,893	11,099	10,889	10,756
Exports	46	89	66	26	72	216	76	22	16	18
Other [3]	379	51	328	191	364	−242	48	215	169	152

[1] Florida, Louisiana, and, beginning 1973, Texas. [2] Includes minor quantities from Virgin Islands. [3] Includes net change in invisible stocks, balancing items, and minor quantities of sugar for livestock feed and alcohol.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *Sugar and Sweetener Report*, monthly.

NO. 1267. SUGAR, BEET AND CANE—U.S. AND WORLD PRODUCTION AND U.S. PRICES: 1960 TO 1979

[Production in thousands of short tons, raw value]

CROP YEAR	WORLD PRODUCTION		UNITED STATES PRODUCTION			CANE (cents per lb.)		
	Total	Percent U.S.	Beet	Cane		Wholesale, N.Y.		Retail, granulated, U.S.
				Mainland [1]	Hawaii	Raw, 96° [2]	Refined	
1960	59,970	6.7	2,475	630	936	6.3	9.3	11.6
1965	68,467	7.5	2,816	1,104	1,218	6.8	10.0	11.8
1970	77,907	7.4	3,322	1,254	1,162	8.1	11.7	13.0
1972	82,760	7.7	3,632	1,621	1,119	9.1	13.1	13.9
1973	88,184	6.5	3,216	1,420	1,129	10.3	14.1	15.1
1974	86,557	6.4	3,021	1,471	1,041	29.5	34.4	32.3
1975	90,035	7.7	4,019	1,827	1,107	22.5	31.4	37.2
1976	95,088	6.9	3,895	1,674	1,050	13.3	19.2	24.0
1977	101,912	5.7	3,108	1,650	1,034	11.0	17.3	21.6
1978	99,672	6.0	3,289	1,583	1,029	13.9	20.9	24.0
1979, preliminary	94,126	6.0	2,879	1,640	1,065	15.6	23.2	24.9

[1] Florida, Louisiana, and, beginning 1973, Texas. [2] Centrifugal. Duty paid.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *Sugar and Sweetener Report*, monthly.

No. 1268. Sugarcane, Beet and Cane Sugar, and Molasses—Acreage, Production, and Value: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series K 542-546]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Sugarcane for sugar and seed:											
Acreage harvested	1,000 acres	437	617	584	741	734	774	747	759	744	733
Yield per acre	Tons	37.7	38.4	41.1	34.9	34.2	36.6	37.6	35.3	35.0	36.2
Production	Mil. tons	16.5	23.7	24.0	25.8	25.1	28.3	28.1	26.8	26.0	26.5
Price per ton [2 3]	Dollars	7.41	7.90	10.50	20.91	48.50	19.60	13.70	18.50	19.40	(NA)
Farm value [3]	Mil. dol	57	110	140	333	756	366	257	327	320	(NA)
Sugar produced:											
Beet, raw value [4]	1,000 tons	2,475	2,816	3,322	3,216	3,021	4,019	3,895	3,108	3,289	2,879
Cane, raw value [4]	1,000 tons	1,566	2,322	2,416	2,549	2,512	2,934	2,724	2,684	2,612	2,705
Per ton of cane [4]	Lb	199	204	210	205	212	214	197	209	211	213
Cane, refined basis [5]	1,000 tons	1,464	2,170	2,258	2,383	2,347	2,743	2,545	2,508	2,441	2,524
Molasses made [6]	Mil. gal	101	146	141	181	156	183	181	165	162	161

NA Not available. [1] Preliminary. [2] Season average price received by farmers. Prices exclude Government payments under Sugar Act. [3] Excludes Hawaii. [4] Raw value equals 96° sugar as defined in Sugar Act of 1948. [5] Calculated on basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of refined sugar. [6] Excludes sirup.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual, and *Crop Values*, annual.

No. 1269. Fats and Oils—Supply, Disposition, and Utilization: 1960 to 1979

[**In millions of pounds.** Includes fat content of butter]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Total supply	**20,752**	**24,442**	**28,661**	**28,617**	**30,118**	**27,788**	**32,301**	**32,622**	**35,086**	**41,926**
Production from domestic materials [2]	17,353	20,532	25,012	24,586	26,824	23,612	27,798	27,568	30,908	37,881
Imports [3]	1,074	1,189	1,363	1,487	1,389	2,203	2,422	1,962	1,876	1,644
Stocks, Jan. 1 [4]	2,325	2,721	2,286	2,544	1,905	1,976	2,081	3,092	2,302	2,401
Exports [2 5]	5,965	7,481	10,150	10,482	11,768	9,592	11,579	12,869	14,982	17,959
Domestic disappearance [6]	12,649	14,538	16,119	16,230	16,374	16,115	17,639	17,315	17,703	21,318
Food uses [7]	**8,241**	**9,517**	**10,808**	**11,337**	**11,241**	**11,324**	**11,961**	**11,600**	**11,851**	**13,074**
Butter (fat content)	1,112	1,040	890	812	776	821	758	761	800	793
Lard (direct)	1,361	1,226	940	705	681	632	585	511	512	565
Shortening	2,302	2,768	3,556	3,614	3,622	3,666	3,861	3,698	4,048	4,214
Margarine (fat content)	1,367	1,534	1,787	1,884	1,891	1,907	2,069	2,001	1,964	2,016
Other	2,094	2,949	3,635	4,322	4,271	4,298	4,689	4,629	4,527	5,486
Nonfood uses [7]	**4,419**	**5,002**	**5,141**	**5,158**	**5,451**	**5,015**	**5,711**	**5,642**	**5,133**	**5,185**

[1] Preliminary. [2] Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad. [3] Includes production from imports. [4] Excludes Government strategic stockpiling of coconut, palm, castor, and sperm oils. [5] Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, American Samoa, Guam, and Virgin Islands. [6] Includes Government stockpiling. [7] Domestic. Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

No. 1270. Soybeans—Supply, Disappearance, and Price Support: 1960 to 1979

[For years beginning **Sept. 1.** See *Historical Statistics, Colonial Times to 1970*, series K 521, for production]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Supply, total	Mil. bu	607	875	1,357	1,607	1,387	1,736	1,533	1,865	2,032	2,442
Production	Mil. bu	555	846	1,127	1,548	1,216	1,547	1,288	1,762	1,870	2,268
Stocks, Sept. 1	Mil. bu	52	30	230	60	171	188	245	103	161	174
Disappearance, total	Mil. bu	580	840	1,258	1,436	1,199	1,491	1,430	1,704	1,857	2,017
Crushed	Mil. bu	406	538	760	821	701	865	790	927	1,018	1,100
Seed	Mil. bu	33	43	48	56	57	54	62	69	76	80
Feed and residual [2]	Mil. bu	6	9	16	20	20	17	14	8	10	17
Net exports	Mil. bu	135	251	434	539	421	555	564	700	753	820
Percent of total	Percent	23.2	29.8	34.5	37.6	35.1	37.2	39.5	41.1	40.5	40.7
Ending stocks	Mil. bu	27	36	99	171	188	245	103	161	174	425
Price support:											
Support price per bushel	Dol	1.85	2.25	2.25	2.25	2.25	(3)	2.50	3.50	4.50	4.50
Quantity under support	Mil. bu	26	87	146	124	35	(3)	22	97	64	120
Percent of production	Percent	4.7	10.3	13.0	8.0	2.9	(X)	1.7	5.5	3.4	5.3

X Not applicable. [1] Estimated. [2] Residual represents adjustment for statistical discrepancy. [3] Price support not authorized for the 1975 crop.

Source of tables 1269 and 1270: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Fats and Oils Situation*, quarterly, and *Agricultural Statistics*, annual.

NO. 1271. SOYBEANS FOR BEANS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series K 521, for U.S. totals]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.)			PRODUCTION (mil. bu.)			PRICE (dol. per bu.)			FARM VALUE (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Total [1]	**57,612**	**63,343**	**70,530**	**30.6**	**29.5**	**32.2**	**1,762**	**1,870**	**2,268**	**5.88**	**6.66**	**6.19**	**10,352**	**12,459**	**14,039**
Ala	1,600	1,950	2,250	21.0	21.0	25.0	34	41	56	5.68	6.70	6.10	191	263	343
Ark	4,600	4,700	5,150	23.0	24.5	28.0	106	115	144	6.15	6.70	6.35	651	774	916
Ga	1,090	1,680	2,100	20.0	17.5	28.0	22	29	59	6.16	6.40	6.25	134	188	368
Ill	8,850	9,190	9,720	38.0	33.5	38.5	336	308	374	6.01	6.65	6.40	2,021	2,078	2,395
Ind	3,900	4,180	4,420	37.0	34.5	36.0	144	144	159	5.59	6.75	6.30	807	963	1,002
Iowa	7,080	7,550	8,170	35.5	38.5	38.0	251	291	310	5.92	6.60	6.05	1,488	1,930	1,878
Kans	990	1,490	1,560	28.5	18.0	26.5	28	27	41	5.50	6.60	5.90	155	178	244
Ky	1,320	1,410	1,660	31.0	30.0	32.5	41	42	54	6.18	6.70	6.45	253	288	348
La	2,680	2,840	3,200	23.5	25.0	28.0	63	71	90	5.78	6.60	6.35	364	464	569
Mich	720	800	970	30.0	24.0	29.5	22	19	29	5.54	6.70	5.95	120	131	170
Minn	3,770	4,060	5,230	35.5	36.0	32.0	134	146	167	5.90	6.55	5.80	790	953	971
Miss	3,650	3,800	4,100	21.5	21.5	29.0	78	82	119	6.18	6.70	6.25	485	542	743
Mo	4,650	5,540	5,930	32.0	28.5	31.5	149	158	187	5.74	6.70	6.10	854	1,056	1,139
Nebr	1,130	1,250	1,610	36.0	34.0	34.0	41	43	55	5.74	6.50	5.85	234	276	320
N.C	1,320	1,680	1,950	22.0	24.5	23.5	29	41	46	6.02	6.75	6.40	175	270	293
Ohio	3,380	3,750	4,030	35.5	33.5	36.0	120	126	145	5.82	6.75	6.25	698	853	907
S.C	1,300	1,470	1,660	20.5	22.0	24.0	27	32	40	6.05	6.80	6.30	161	222	251
Tenn	2,220	2,420	2,620	23.5	23.5	27.0	52	57	71	5.68	6.50	6.35	296	383	449
Tex	760	745	805	26.5	26.5	26.0	20	20	21	5.35	6.25	5.60	108	124	117
Va	440	445	496	19.0	28.0	28.5	8	13	14	5.90	6.80	6.40	49	87	90

[1] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

NO. 1272. PEANUTS—ACREAGE, PRODUCTION, VALUE, AND PRICE SUPPORT: 1960 TO 1979

[Years beginning **August**. See also *Historical Statistics, Colonial Times to 1970*, series K 547-549]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Acreage harvested	*1,000*	1,395	1,438	1,469	1,496	1,472	1,504	1,522	1,516	1,512	1,525
Production for nuts	Mil. lb	1,718	2,390	2,983	3,474	3,668	3,857	3,751	3,726	3,989	3,980
Farmers' stock [2]	Mil. lb	7.2	7.4	2.8	56.9	38.4	227.0	250.0	54.4	28.7	13.5
Yield per acre	Lb	1,232	1,661	2,030	2,323	2,491	2,565	2,465	2,457	2,639	2,611
Average price per lb	Cents	10.0	11.4	12.8	16.2	17.9	19.6	20.0	21.0	21.1	20.7
Value of production	*Mil. dol*	172.0	272.4	383.0	562.5	657.6	756.5	750.3	783.3	841.6	822.4
Support price per lb	Cents	10.1	11.2	12.8	16.4	18.3	19.7	20.7	21.5	[3] 21.0	[3] 21.0
Quantity under support	Mil. lb	352	733	1,084	1,029	1,072	1,136	854	536	525	522
Percent of production	Percent	20.5	30.7	36.3	29.6	29.2	29.5	22.8	14.4	13.2	13.1

[1] Preliminary. [2] Excludes shelled peanuts and cleaned peanuts (roasting stocks). [3] Quota peanuts were supported at 21.0 cents per lb. and additional peanuts were supported at 12.5 cents per lb. in 1978 and 15.0 cents per lb. in 1979.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Fats and Oils Situation*, quarterly, and *Agricultural Statistics*, annual.

NO. 1273. PEANUTS HARVESTED FOR NUTS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1977 TO 1979

[Years beginning **August**]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (lb.)			PRODUCTION (mil. lb.)			PRICE (cents per lb.)			FARM VALUE (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Total	**1,516**	**1,512**	**1,525**	**2,457**	**2,639**	**2,611**	**3,726**	**3,989**	**3,980**	**21.0**	**21.1**	**20.7**	**783**	**842**	**822**
Ala	215	214	213	2,740	2,630	2,795	589	563	595	22.2	21.1	20.5	131	119	122
Fla	56	54	55	3,100	3,380	3,270	171	183	180	20.7	21.3	21.0	35	39	37
Ga	526	526	527	2,850	3,300	3,235	1,499	1,736	1,705	20.9	21.0	20.7	313	365	353
Miss	7	8	8	1,650	2,000	1,850	12	16	15	22.0	21.0	21.0	3	3	3
N. Mex	9	10	9	2,700	2,560	2,750	25	24	25	25.0	22.0	22.6	6	5	6
N.C	166	166	166	2,675	2,825	2,280	444	469	379	20.6	22.0	20.4	92	103	77
Okla	120	115	120	2,230	1,800	2,200	268	207	264	21.4	21.2	20.0	57	44	53
S.C	15	15	15	2,080	2,350	1,950	38	38	29	21.0	21.1	20.4	7	8	6
Tex	300	301	310	1,315	1,450	1,725	394	436	533	19.6	20.2	21.0	77	88	112
Va	103	103	102	2,845	3,100	2,500	293	319	255	21.3	21.3	20.7	62	68	53

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production*, annual and *Field Crops—Production, Disposition, Value*, annual.

NO. 1274. FRUITS—PRODUCTION AND VALUE, 1977 TO 1979, AND LEADING PRODUCING STATES, 1979

FRUIT	PRODUCTION [1]				FARM VALUE (mil. dol.)			Leading States in order of production, 1979
	Unit	1977	1978	1979, prel.	1977	1978	1979, prel.	
Apples (34 States)[2]	Mil. lb	6,643	7,554	7,750	699	783	825	Wash., N.Y., Mich.
Peaches	Mil. lb	2,852	2,557	2,872	282	309	336	Calif., S.C., Ga.
Pears	1,000 tons	785	727	846	115	160	174	Calif., Wash., Oreg.
Grapes	1,000 tons	4,296	4,318	4,924	835	1,006	1,123	Calif., Mich., N.Y.
Blueberries (6 States)[3]	Mil. lb	(NA)	77.8	71.8	(NA)	48.8	44.8	Mich., N.J., Maine.
Cherries, sweet	1,000 tons	147	155	182	73	107	110	Wash., Oreg., Calif.
Cherries, tart	Mil. lb	211	181	170	62	79	81	Mich., N.Y., Utah.
Plums and prunes (fresh)	1,000 tons	724	634	655	138	160	173	Calif., Oreg., Wash.
Oranges and tangerines[4]	Mil. boxes[5]	248.7	225.3	215.9	843	1,234	1,397	Fla., Calif., Ariz.
Grapefruit (4 States)	Mil. boxes[6]	74.6	74.7	67.0	175	190	219	Fla., Texas, Calif.
Lemons (2 States)[7]	Mil. boxes[8]	26.0	26.1	19.4	93	111	134	Calif., Ariz.

NA Not available. [1] Excludes quantities not harvested or not marketed because of economic conditions. [2] Production in commercial orchards with 100 or more bearing age trees. [3] Estimates beginning 1978. [4] Four States. [5] Net content of box varies. In Calif. and Ariz., approximate average for oranges and tangerines is 75 lb.; Fla. oranges, 90 lb.; Tex. oranges, 85 lb.; and Fla. tangerines, 95 lb. [6] Approximate average, net weight, is 65 lb. in Ariz. and Calif., 85 in Fla., and 80 in Tex. [7] Includes estimates for Ariz. [8] About 76 lb. net.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Crop Production; Crop Values;* and *Noncitrus Fruits and Nuts;* annual summaries.

NO. 1275. COMMERCIAL VEGETABLE AND OTHER SPECIFIED CROPS—AREA, PRODUCTION, AND VALUE, 1977 TO 1979, AND LEADING STATES, 1979

[Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

CROP	AREA [1] (1,000 acres)			PRODUCTION [2] (1,000 short tons)			VALUE [3] (mil. dol.)			States ranked by production, 1979
	1977	1978	1979	1977	1978	1979	1977	1978	1979	
Artichokes	10.8	9.9	9.7	35.7	26.3	43.7	13.8	14.2	24.2	Calif.
Asparagus	85.8	81.4	79.2	109.1	91.4	93.1	80.2	79.2	95.3	Calif., Wash.
Beans, lima	60.3	68.1	64.5	74.2	82.7	83.8	25.4	29.7	30.7	Calif., Del.
Beans, snap	335.9	365.0	369.1	819.7	857.1	911.0	159.1	177.9	195.7	Wis., Oreg.
Beets	14.1	17.3	17.4	206.2	221.6	249.7	8.4	8.8	10.6	Wis., N.Y.
Broccoli	70.9	68.3	71.1	284.7	270.0	290.9	92.7	97.6	110.6	Calif., Oreg.
Brussels sprouts	5.8	5.9	5.5	39.2	44.3	38.5	14.8	19.0	16.5	Calif.
Cabbage	91.7	96.5	92.3	1,190.3	1,224.0	1,210.5	172.4	175.2	172.4	N.Y., Fla.
Cantaloupes	79.5	93.9	89.1	538.0	642.8	616.1	114.0	123.9	138.4	Calif., Tex.
Carrots	69.5	73.7	77.8	960.4	964.5	1,042.6	141.4	129.8	147.6	Calif., Tex.
Cauliflower	37.4	41.6	42.4	185.4	191.8	207.8	73.4	81.2	88.6	Calif., N.Y.
Celery	33.8	34.4	36.1	828.1	822.3	878.0	141.0	195.9	160.8	Calif., Fla.
Corn, sweet	623.9	598.8	584.0	3,070.7	3,102.2	3,108.3	230.0	239.5	257.8	Minn., Wis.
Cucumbers	175.7	188.2	182.5	904.7	979.8	963.8	135.0	160.1	183.0	Fla., Mich.
Eggplant	3.2	3.4	3.9	32.1	32.3	36.5	7.1	8.1	11.6	Fla., N.J.
Escarole/endive	7.8	7.6	8.3	51.3	53.1	57.0	16.3	22.2	21.7	Fla., N.J.
Garlic	10.4	13.0	14.2	57.2	78.0	92.3	16.3	24.7	28.0	Calif.
Honeydew melons	15.5	18.5	20.8	129.6	170.7	176.6	25.6	32.8	38.1	Calif., Tex.
Lettuce	231.5	239.2	244.1	2,995.4	3,013.1	3,015.8	415.7	596.7	576.7	Calif., Ariz.
Mint for oil	124.0	146.1	128.3	3.4	4.5	3.5	92.2	85.2	67.6	Oreg., Wash.
Onions	108.0	121.2	123.4	1,720.3	1,796.8	1,924.3	203.4	250.4	259.7	Calif., Tex.
Peas, green	350.5	355.5	389.3	489.0	461.1	607.5	100.5	94.9	128.0	Wis., Wash.
Peppers, green	55.9	53.0	58.7	266.7	257.9	273.5	87.6	100.3	109.0	Fla., Calif.
Spinach	30.5	30.7	34.3	194.3	178.8	203.3	24.3	29.4	37.4	Calif., Tex.
Strawberries	34.3	35.5	34.0	325.5	324.9	318.9	214.9	201.6	244.0	Calif., Oreg.
Tomatoes	471.0	425.1	440.0	8,768.1	7,474.3	8,447.4	906.8	843.8	1,013.3	Calif., Fla.
Watermelons	227.4	218.2	208.8	1,351.0	1,285.1	1,206.3	92.8	102.2	111.0	Fla., Tex.

[1] Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. [2] Excludes some quantities not marketed. [3] Fresh market vegetables valued at f.o.b. shipping point, except garlic, which is field run basis at packinghouse door. Processing vegetables are equivalent returns at packinghouse door.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics,* annual; and *Vegetables,* annual summary.

No. 1276. Canned Foods—Production: 1960 to 1979

[*In millions of standard cases of 24 No. 303 cans, except as noted.* Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970,* series P 233-234, for corn and tomatoes in cases of 24 No. 2 cans]

Product	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Fruits [1]	**97.9**	**103.9**	**99.4**	**97.8**	**87.9**	**96.2**	**103.7**	**91.2**	**88.2**	**93.7**	**85.3**	**94.9**
Apples [2]	3.1	4.1	2.3	2.4	2.2	3.2	2.2	1.1	1.6	1.7	1.8	2.3
Applesauce [2]	11.8	15.9	14.1	15.1	11.9	15.2	16.6	9.6	8.9	10.7	11.6	12.2
Apricots	6.1	5.1	3.8	3.3	3.0	4.1	2.0	4.4	2.4	2.3	2.1	2.9
Berries	.8	.7	.4	.4	.4	.3	.4	.4	.3	.1	.3	.2
Cherries, red, pitted	1.6	2.4	1.0	1.0	1.3	.6	1.2	1.3	.4	.6	.6	.5
Cherries, sweet	.6	.7	.7	.5	.4	.5	.6	.4	.5	.5	.5	.7
Cranberry sauce [2]	2.2	3.4	3.9	3.5	3.5	4.7	4.3	3.4	3.5	3.4	3.7	3.6
Fruit cocktail [3]	12.8	14.5	13.1	13.3	11.9	13.4	14.9	13.7	13.6	13.0	11.7	13.8
Fruit salad/mixed fruits [3]	1.2	1.2	1.2	1.5	1.5	1.5	1.8	1.3	1.2	2.2	2.2	3.1
Grapefruit sections [2 4]	3.0	2.8	2.3	1.8	1.9	2.1	1.5	1.1	1.2	1.2	1.3	(NA)
Peaches	30.8	30.0	29.6	25.8	24.0	24.5	32.4	29.0	24.8	29.2	21.4	25.8
Pears	8.5	6.4	8.6	10.3	9.1	9.8	10.7	9.8	11.5	9.6	9.0	10.6
Pineapple [2 5]	15.0	15.0	17.8	17.7	16.5	15.0	13.9	14.2	17.3	18.4	18.3	18.5
Plums [6]	.4	1.7	.8	1.2	.4	1.3	1.2	1.4	1.0	.8	.9	.7
Juices: [2 7]												
Apple	6.2	9.6	14.1	13.7	13.8	14.8	15.4	15.3	15.4	18.2	24.1	25.8
Grapefruit	11.0	13.8	26.0	26.8	28.3	29.0	21.6	*25.8*	*27.7*	*26.4*	*25.1*	(NA)
Orange	11.5	12.1	15.4	13.8	17.1	13.8	13.3	13.5	14.4	15.8	18.2	(NA)
Orange-grapefruit	3.2	2.9	2.5	1.9	2.1	1.9	1.7	2.8	1.6	1.9	*1.4*	(NA)
Pineapple [5]	14.4	15.4	13.7	13.6	12.3	11.4	8.5	8.7	10.2	12.0	11.3	12.2
Tomato [8]	33.0	32.8	30.1	31.5	25.7	27.8	29.6	29.0	26.5	22.9	27.9	26.0
Seasonal vegetables	**175.3**	**204.1**	**208.7**	**223.0**	**221.8**	**235.3**	**242.3**	**249.8**	**217.5**	**237.1**	**233.3**	**265.6**
Asparagus	8.0	7.2	5.9	5.5	5.9	5.8	5.6	3.6	3.6	3.7	3.4	2.8
Beans, green and wax	33.2	45.6	47.6	50.0	47.6	55.0	62.3	55.4	47.4	54.5	57.1	66.3
Beans, lima	3.8	3.0	2.8	3.1	2.1	3.2	2.5	3.7	2.8	2.7	3.4	3.1
Beets [2]	8.8	10.0	11.3	10.4	10.0	10.9	15.1	13.1	9.2	11.3	13.0	15.1
Carrots [2]	5.0	4.5	5.4	5.3	5.5	6.4	6.9	4.7	*5.2*	*6.6*	*6.3*	*7.3*
Corn, sweet	35.3	39.1	47.0	53.8	53.0	55.2	46.4	57.5	54.7	56.3	57.9	60.0
Greens, leafy	2.9	2.7	3.5	4.4	2.8	4.0	4.6	3.0	*3.1*	*2.6*	2.9	3.2
Peas, field	2.1	1.8	2.4	2.7	2.6	2.8	2.8	2.0	1.9	2.2	2.4	2.5
Peas, green	28.7	37.6	28.7	33.2	33.1	29.6	33.1	35.2	31.9	30.2	25.3	36.5
Pimentos	.9	.8	.6	.7	.7	.3	.4	.6	.7	.4	.4	.5
Pumpkin and squash	5.0	3.9	4.0	4.6	4.1	4.6	4.2	5.8	5.5	3.0	3.4	4.0
Spinach [2]	7.8	6.4	7.3	7.7	8.2	8.9	10.8	8.3	6.3	7.1	6.2	8.1
Tomatoes	31.0	36.0	39.0	38.4	43.3	45.4	43.6	53.5	42.8	54.1	49.2	52.9
Other vegetable packs [9]	2.8	5.5	3.2	3.2	2.9	3.2	3.8	3.4	2.4	2.4	2.4	3.3
Nonseasonal vegetables:												
Sweet potatoes [2]	6.9	11.1	9.8	10.1	9.5	11.4	12.6	7.7	8.0	7.2	9.4	9.2
White potatoes [2]	4.2	5.0	6.6	7.8	5.0	5.7	8.1	6.8	6.2	7.1	6.7	6.5
Chili sauce	**1.4**	**1.5**	**1.5**	**1.5**	**1.7**	**1.8**	**1.6**	**1.7**	**2.0**	**1.8**	**2.8**	**2.0**
Tomato puree	**5.4**	**6.5**	**5.9**	**7.8**	**9.7**	**9.9**	**10.3**	**13.8**	**8.4**	**9.8**	**8.4**	**10.4**
Seafood, salmon [10]	(NA)	*3.6*	*3.8*	*3.5*	*1.9*	*1.5*	*1.8*	*1.6*	*2.7*	*3.1*	*3.4*	*3.1*

NA *Not available.* [1] Basis: 24 No. 2½ cans. [2] Pack beginning in year shown. [3] California only. [4] Florida only. [5] Represents U.S. pack and foreign operations. [6] Beginning 1965, *purple plums only.* [7] Basis: 24 No. 2 cans. [8] Beginning 1970, excludes combination vegetable-tomato juices. [9] Succotash, carrots and peas, okra, okra and tomatoes, and for 1965, mushrooms. [10] Basis: 48-1 lb. cans. *Includes* Alaska.

Source: National Food Processors Association, Washington, D.C., *Canned Food Pack Statistics,* annual.

No. 1277. Principal Frozen Foods—Production: 1960 to 1979

[*In millions of pounds*]

Product	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	**10,868**	**14,144**	**17,415**	**19,363**	**21,862**	**23,101**	**23,452**	(NA)	(NA)	(NA)	(NA)
Vegetables:											
Total, excl. potatoes	1,407	1,800	1,912	2,281	2,467	2,488	*2,212*	*2,156*	*2,623*	*2,712*	*2,601*
Potato products	551	1,219	2,404	2,594	2,691	2,985	3,001	3,335	3,623	3,849	4,090
Fruits and berries	660	653	621	612	650	604	567	*629*	*637*	*509*	*534*
Juices and drinks [1]	4,556	5,514	5,360	5,051	6,345	6,237	6,287	(NA)	(NA)	(NA)	(NA)
Meat	310	450	470	510	*520*	535	545	(NA)	(NA)	(NA)	(NA)
Poultry	2,000	2,231	2,160	2,236	2,209	2,222	2,070	2,359	2,238	2,318	2,606
Prepared foods	1,100	1,875	4,100	5,710	6,570	7,690	8,470	(NA)	(NA)	(NA)	(NA)
Seafoods	284	402	388	369	410	340	300	322	346	(NA)	(NA)

NA Not available. [1] *Includes* single strength drinks, juices and concentrated juices, and drinks reconstituted.

Source: American Frozen Food Institute, Burlingame, Calif., *Frozen Food Pack Statistics,* annual. (Copyright.)

No. 1278. Livestock—Number on Farms and Value: 1950 to 1980

[Alaska and Hawaii excluded from census data prior to 1959 and from annual data prior to 1965. Prior to 1960, data for sheep refer to stock sheep 1978 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series K 564–569]

YEAR	ALL CATTLE			HOGS AND PIGS			SHEEP AND LAMBS		
	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (mil. dol.)	Value per head (dol.)
CENSUS DATA									
1950 (Apr. 1)	76.9	9.1	119	55.8	1.1	19.70	31.4	555	17.69
1954 (Oct.–Nov.)	95.0	8.2	87	57.1	1.9	33.13	[1] 31.6	472	14.93
1959 (Oct. 1)	92.5	12.5	135	67.9	1.4	20.18	33.9	556	16.38
1964 (Nov.–Dec.)	105.6	11.9	113	54.1	1.3	24.48	25.5	409	16.06
1969 (Dec. 31)	106.4	19.0	179	55.5	2.2	38.85	21.6	532	24.63
1974 (Dec. 31)	113.2	18.5	163	45.5	2.1	45.37	15.4	474	30.79
1978 (Dec. 31)	105.9	(NA)	(NA)	58.9	(NA)	(NA)	12.4	(NA)	(NA)
ANNUAL DATA (Jan. 1) [2]									
1950	78.0	9.6	124	58.9	1.6	27.10	26.2	466	17.80
1955	96.6	8.5	88	50.5	1.5	30.60	27.1	404	14.90
1960	96.2	13.2	137	59.0	1.1	18.50	33.2	546	16.50
1965	109.0	12.4	113	50.8	1.2	24.50	25.1	401	16.00
1970	112.4	20.2	179	56.7	2.2	39.00	20.4	513	25.10
1971	114.6	21.1	184	67.3	1.6	23.50	19.7	465	23.60
1972	117.9	24.5	208	62.4	1.8	28.50	18.7	429	22.90
1973	121.5	30.6	252	59.0	2.5	42.00	17.6	471	26.70
1974	127.8	37.5	293	60.6	3.7	60.40	16.3	535	32.80
1975	132.0	21.0	159	54.7	2.5	44.90	14.5	442	30.50
1976	128.0	24.3	190	49.3	4.0	80.40	13.3	496	37.30
1977	122.8	25.3	206	54.9	2.6	47.00	12.8	541	42.40
1978	116.4	27.1	232	56.5	3.6	63.20	12.3	636	51.50
1979	110.9	44.7	403	60.1	5.0	83.30	12.2	876	71.70
1980, prel	111.0	55.7	502	67.0	3.8	56.30	12.5	974	77.90

NA Not available. [1] Excludes Fla., Ga., and So. Carolina. [2] Beginning 1970, data for hogs and pigs as of Dec. 1, preceding year.

Source: Census data—U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II and *1974*, vol. I, and unpublished data. Annual data—U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual, and annual livestock summaries.

No. 1279. Meats—Slaughtering, Production, and Trade: 1960 to 1979

[**Quantities represent carcass weight equivalent.** 1960–1970 exclude Alaska and Hawaii except for exports and imports. Covers inspected, noninspected, retail, and farm slaughter. Excludes edible byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See alsc *Historical Statistics, Colonial Times to 1970*, series K 583–594]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
All meats:											
Animals slaughtered, total	Mil. head	135.0	130.7	137.3	124.0	132.6	124.8	130.6	133.1	128.2	132.3
Under Federal inspection	Percent	78	82	89	92	91	91	92	93	93	94
Production, total [1]	Bil. lb	28.2	31.5	36.2	34.9	37.9	36.8	39.6	39.7	38.6	37.6
Federally inspected	Percent	78	82	89	91	91	90	92	93	93	94
Exports of U.S. production [2]	Mil. lb	223	250	305	437	342	449	598	586	646	673
Imports for consumption	Mil. lb	1,048	1,347	2,429	2,607	2,160	2,248	2,600	2,424	2,856	2,974
Beef:											
Animals slaughtered, total	Mil. head	26.0	33.2	35.4	34.0	37.3	41.5	43.2	42.4	40.0	34.0
Under Federal inspection	Percent	75	80	87	90	89	89	90	92	93	94
Production, total	Bil. lb	14.7	18.7	21.7	21.3	23.1	24.0	26.0	25.3	24.2	21.4
Federally inspected	Percent	78	82	88	91	90	90	91	92	93	94
Exports of U.S. production [2]	Mil. lb	55	91	101	144	115	110	158	167	214	215
Imports for consumption	Mil. lb	760	923	1,792	1,990	1,615	1,758	2,079	1,939	2,297	2,405
Veal:											
Animals slaughtered, total	Mil. head	8.6	7.8	4.2	2.4	3.2	5.4	5.5	5.7	4.3	2.9
Under Federal inspection	Percent	61	65	72	76	74	72	80	85	87	89
Production, total	Mil. lb	1,109	1,020	588	357	486	673	853	834	632	434
Federally inspected	Percent	56	56	57	59	58	57	66	68	71	73
Lamb and mutton:											
Animals slaughtered, total	Mil. head	16.2	13.3	10.8	9.8	9.0	8.1	6.9	6.6	5.5	5.2
Under Federal inspection	Percent	86	88	93	94	95	94	94	96	96	96
Production, total	Mil. lb	768	651	551	514	465	410	371	351	309	293
Federally inspected	Percent	87	88	93	95	95	94	94	94	94	94
Pork:											
Animals slaughtered, total	Mil. head	84.2	76.4	87.0	77.8	83.1	69.8	74.9	78.4	78.4	90.2
Under Federal inspection	Percent	79	83	90	93	93	93	94	96	96	96
Production, total [1]	Bil. lb	11.6	11.1	13.4	12.8	13.8	11.5	12.4	13.2	13.4	15.5
Federally inspected	Percent	79	84	90	93	93	93	94	94	95	95

[1] Excludes lard. [2] Includes shipments to territories.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Livestock and Meat Statistics*, annual.

No. 1280. Livestock on Farms, Liveweight Production, Value, and Annual Average Price Received by Farmers: 1960 to 1979

[Data for sheep exclude Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 575-582]

Production and price	Unit	1960 [1]	1965	1970	1973	1974	1975	1976	1977	1978	1979
All cattle: On farms	Mil.	96.2	109.0	112.4	121.5	127.8	132.0	128.0	122.8	116.4	110.9
Production [2]	Bil. lb	28.8	34.0	39.4	41.2	42.8	40.9	41.4	40.8	39.8	38.9
Beef, price per 100 lb	Dol.	20.40	19.90	27.10	42.80	35.60	32.30	33.70	34.50	48.50	66.00
Calves, price per 100 lb	Dol.	22.90	22.00	34.50	56.60	35.20	27.20	34.20	36.90	59.00	88.80
Value of production	Bil. dol.	5.9	6.8	10.9	18.1	14.9	12.8	13.8	14.0	19.5	26.3
Hogs and pigs: On farms	Mil.	59.0	50.8	67.3	60.6	54.7	49.3	54.9	56.5	60.1	67.0
Production [2]	Bil. lb	19.2	18.3	21.8	20.2	20.0	16.8	18.1	19.1	19.6	22.6
Price per 100 lb	Dol.	15.30	19.60	22.70	38.40	34.20	46.10	43.30	39.40	46.60	41.80
Value of production	Mil. dol.	2,946	3,573	4,955	7,738	6,838	7,751	7,844	7,536	9,136	9,444
Sheep: On farms	Mil.	33.2	25.1	20.4	17.6	16.3	14.5	13.3	12.8	12.3	12.2
Production [2]	Mil. lb	1,628	1,217	1,099	896	807	781	733	704	697	712
Sheep, price per 100 lb	Dol.	5.60	6.34	7.52	12.90	11.20	11.30	13.20	13.40	21.70	26.30
Lambs, price per 100 lb	Dol.	17.90	22.80	26.40	35.10	37.00	42.10	46.90	51.30	62.70	66.70
Value of production	Mil. dol.	253	257	260	294	272	303	315	321	390	418

[1] Alaska and Hawaii excluded. [2] Includes adjustment for livestock shipped in and changes in inventory.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual, and *Meat Animals-Farm Production, Disposition, and Income, by States*, annual summary.

No. 1281. Livestock on Farms—Number, Selected States: 1977 to 1980

[**In thousands.** As of **Jan. 1**, except for hogs and pigs, **Dec. 1**]

State	All cattle			Milk cows [1]			Sheep and lambs			Hogs and pigs		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1977	1978	1979
U.S	**116,375**	**110,864**	**110,961**	**10,939**	**10,839**	**10,810**	**12,348**	**12,220**	**12,513**	**56,539**	**60,100**	**66,950**
Alabama	2,130	1,820	1,730	85	79	76	4	(2)	(2)	650	700	880
Arizona	1,135	1,200	1,050	68	70	72	438	465	400	102	144	149
Arkansas	2,120	2,000	2,000	90	90	88	5	(2)	(2)	400	550	600
California	4,430	4,700	4,550	846	860	878	1,115	1,150	1,175	160	190	180
Colorado	3,180	3,090	2,975	72	72	72	810	795	870	320	330	430
Florida	2,350	2,180	2,300	197	189	184	4	(2)	(2)	320	360	425
Georgia	1,975	1,650	1,600	129	129	127	3	(2)	(2)	1,720	1,800	2,280
Idaho	1,870	1,900	1,860	138	141	142	481	466	468	60	79	110
Illinois	2,950	2,850	2,700	233	236	235	184	184	190	6,100	6,550	6,950
Indiana	2,025	1,750	1,650	208	202	200	176	171	165	4,100	4,400	4,900
Iowa	7,800	7,300	7,150	380	374	372	370	380	408	14,500	15,100	16,200
Kansas	6,000	6,200	6,100	140	130	122	205	220	235	2,000	2,000	2,070
Kentucky	3,120	2,600	2,700	277	265	244	28	22	21	1,140	1,150	1,400
Louisiana	1,425	1,350	1,300	129	127	116	13	13	12	160	140	150
Michigan	1,470	1,250	1,310	404	402	400	138	121	132	640	810	960
Minnesota	3,700	3,650	3,750	850	850	860	255	255	264	4,000	4,100	4,900
Mississippi	2,130	1,790	1,810	110	103	99	5	(2)	(2)	420	410	440
Missouri	6,000	5,550	5,350	282	276	270	131	126	123	3,700	4,100	4,550
Montana	2,680	2,607	2,645	27	27	28	530	475	494	211	222	209
Nebraska	6,500	6,450	6,400	128	120	120	237	175	210	3,150	3,650	4,150
Nevada	570	560	580	15	15	15	114	114	122	9	8	9
New Mexico	1,550	1,500	1,600	31	33	35	571	604	660	60	50	87
New York	1,760	1,711	1,780	915	904	912	66	63	65	125	140	139
North Carolina	1,100	1,080	1,080	146	143	141	9	7	8	2,300	2,350	2,600
North Dakota	2,050	1,967	2,000	104	96	93	213	198	236	320	335	370
Ohio	2,025	1,850	1,925	398	382	380	370	350	320	1,750	1,900	2,070
Oklahoma	5,900	5,300	5,500	114	112	110	81	89	93	330	315	370
Oregon	1,490	1,475	1,510	93	93	94	410	460	480	100	100	115
Pennsylvania	1,900	1,840	1,900	703	703	712	80	80	85	790	820	840
South Carolina	690	575	625	56	51	50	1	(2)	(2)	520	525	650
South Dakota	3,925	3,750	4,010	170	169	165	704	740	783	1,580	1,620	2,000
Tennessee	2,700	2,350	2,300	205	210	214	15	13	12	1,180	1,300	1,400
Texas	14,500	13,900	13,200	314	310	315	2,460	2,415	2,400	890	850	910
Utah	864	810	840	76	77	75	491	486	507	42	49	55
Virginia	1,620	1,550	1,750	171	172	170	172	165	160	650	670	850
Washington	1,275	1,375	1,579	176	190	195	62	56	65	68	64	126
Wisconsin	4,100	4,100	4,280	1,810	1,810	1,813	82	95	113	1,378	1,650	1,830
Wyoming	1,280	1,300	1,340	12	11	11	1,115	1,080	1,050	32	30	32
Other	2,086	1,984	2,032	637	616	605	200	187	187	562	539	564

[1] Represents cows and heifers that have calved, kept for milk. [2] Estimates discontinued.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, annual livestock summaries.

No. 1282. Dairying—Cows and Dairy Products: 1960 to 1979

[**In millions of pounds, except as indicated.** See also *Historical Statistics, Colonial Times to 1970*, series K 595-608]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Cows and heifers, 2 years old and over, kept for milk, Jan.1 [1] (mil. head)	19.5	17.0	13.3	11.3	11.1	11.1	11.0	10.9	10.8
Milk produced on farms (bil. lb.)	123	124	117	116	115	120	123	122	124
Whole milk sold from farms [2] (bil. lb.)	106	115	113	112	112	117	120	119	121
Manufactured dairy products:									
Butter (incl. whey butter)	1,373	1,325	1,137	962	984	979	1,086	994	985
Cheese, total [3]	1,478	1,755	2,201	2,937	2,811	3,319	3,359	3,520	3,715
American (excl. full-skim american)	1,003	1,167	1,428	1,862	1,660	2,054	2,047	2,079	2,192
Swiss (including block)	121	123	144	175	174	196	189	209	213
Muenster, Brick, and Limburger	54	56	59	75	74	76	73	78	80
Cream and Neufchatel	106	123	126	150	160	168	176	198	212
All Italian varieties	158	244	394	606	672	747	793	876	929
Cottage cheese: Creamed [4]	799	865	1,038	978	991	1,010	1,017	1,024	994
Curd, pot, and bakers'	594	630	726	690	701	711	684	688	664
Condensed bulk milk	1,205	1,346	1,237	964	1,041	1,044	1,091	987	970
Evaporated and condensed canned milk	2,256	1,799	1,293	1,053	938	942	827	798	810
Dry whole milk	98	89	69	68	63	78	69	75	85
Nonfat dry milk solids [5]	1,844	2,013	1,456	1,026	1,009	932	1,115	927	915
Dry whey [6]	277	404	621	851	596	662	628	711	733
Dry buttermilk	86	87	60	45	43	46	53	48	45
Ice cream of all kinds (mil. gal.)	700	757	762	782	837	818	810	815	811
Milk sherbet (mil. gal.)	41	45	49	50	49	50	50	48	45
Ice milk (mil. gal.)	145	231	287	296	299	286	308	310	297
Wholesale prices (cents per lb.):									
Cheese, american:									
40-lb. blocks, Wis. assembly points	(NA)	38.4	55.0	79.9	86.6	96.3	96.8	107.1	123.8
Single daisies, Chicago	41.4	45.0	64.9	97.3	104.4	116.1	118.7	130.1	141.4
Butter, N.Y. (Grade A)	59.9	61.0	70.4	67.4	81.8	94.4	101.5	114.1	127.2
Prices received by farmers:									
Milkfat in cream (cents per lb.)	60.5	61.1	70.0	63.5	70.3	83.4	92.0	102.0	119.0
Whole milk: Wholesale, per 100 lb. (dol.)	4.21	4.23	5.71	8.33	8.75	9.66	9.72	10.60	12.00
Retail (cents per qt.)	21.7	22.3	27.0	34.9	35.4	36.4	36.7	38.8	42.3

NA Not available. [1] Beginning 1974, milk cows that have calved. [2] Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. [3] Includes varieties not shown separately. Beginning 1974, includes full-skim. [4] Includes partially creamed (low fat). [5] Includes dry skim milk for animal feed. [6] Includes animal but excludes modified whey production.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Production of Manufactured Dairy Products*, annual; *Milk Production, Disposition, and Income*, annual.

No. 1283. Dairy Products and Whole Milk Sold, by Selected States: 1977 to 1979

STATE	1978, DAIRY PRODUCTS SOLD [1]		WHOLE MILK SOLD (mil. lb.)			STATE	1978, DAIRY PRODUCTS SOLD [1]		WHOLE MILK SOLD (mil. lb.)		
	Farms	Total (mil. dol.)	1977	1978	1979		Farms	Total (mil. dol.)	1977	1978	1979
U.S.	**221,113**	**11,355.6**	**118,172**	**117,293**	**119,510**	Mo	6,929	228.6	2,845	2,682	2,691
						Nebr	3,612	101.2	1,270	1,210	1,240
Ala	1,108	66.7	635	588	565	N.H	637	38.0	322	325	325
Ariz	239	93.5	860	815	840	N.J	664	52.6	520	490	465
Ark	1,764	67.8	675	685	680	N.Y	16,432	1,011.9	9,895	10,075	10,350
Calif	3,134	1,136.6	11,540	11,420	12,135	N.C	2,077	157.2	1,505	1,475	1,480
Colo	1,098	88.6	760	785	770	N. Dak	3,358	75.2	880	840	815
Conn	716	63.4	595	585	580	Ohio	10,112	394.2	4,335	4,165	4,170
Fla	619	250.6	1,945	1,925	1,940	Okla	2,175	99.2	1,065	1,040	1,015
Ga	1,355	143.2	1,260	1,280	1,280	Oreg	1,836	109.1	975	990	1,025
Idaho	2,916	144.0	1,535	1,560	1,612	Pa	16,026	762.7	7,370	7,450	7,610
Ill	4,996	219.0	2,475	2,365	2,385	S.C	522	53.2	496	492	495
Ind	5,613	189.3	2,215	2,125	2,131	S. Dak	4,566	121.8	1,575	1,510	1,520
Iowa	10,641	314.2	3,870	3,805	3,790	Tenn	5,028	188.0	2,065	2,015	2,000
Kans	3,224	117.4	1,405	1,335	1,270	Tex	3,985	359.9	3,280	3,370	3,370
Ky	7,690	203.5	2,255	2,115	2,090	Utah	1,327	92.1	875	880	892
La	1,423	111.1	1,050	1,025	985	Vt	3,372	219.5	2,045	2,090	2,130
Maine	1,357	69.4	615	620	615	Va	3,055	195.3	1,845	1,850	1,890
Md	1,979	149.8	1,540	1,505	1,485	Wash	2,220	260.8	2,385	2,510	2,660
Mass	934	61.8	550	530	525	W. Va	903	35.2	300	314	330
Mich	8,407	436.3	4,625	4,675	4,710	Wis	45,060	1,873.5	20,500	20,715	21,420
Minn	24,642	768.4	9,270	8,925	9,068	Other	1,785	146.7	1,319	1,327	1,371
Miss	1,577	85.0	830	810	790						

[1] Preliminary for farms with sales of $2,500 and over. Source: U.S. Bureau of the Census, unpublished data.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Milk: Production, Disposition, and Income, 1977–79*.

NO. 1284. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1960 TO 1979

[Beginning 1970, data for chickens, eggs, and broilers are for Dec. 1 of previous year to Nov. 30 of year stated, 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 609-623]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Chickens: [1] Number [2]	Mil.	369	394	433	409	384	380	378	386	396	400
Value, total [2]	Mil. dol.	391	462	525	663	653	660	644	652	694	725
Value per head [2]	Dol.	1.06	1.17	1.21	1.62	1.70	1.74	1.70	1.69	1.75	1.81
Number produced	Mil.	260	240	264	251	242	233	229	245	238	248
Production value	Mil. dol.	139	101	107	176	115	105	145	142	140	175
Price per lb	Cents	12.2	8.9	9.1	15.1	9.7	9.9	12.9	12.0	12.4	14.4
Eggs: Number produced	Mil. doz.	5,134	5,463	5,684	5,503	5,468	5,386	5,376	5,383	5,595	5,759
Price per dozen	Cents	36.1	33.7	39.1	52.5	53.2	52.4	58.3	55.6	52.2	58.3
Gross income	Mil. dol.	1,848	1,841	2,221	2,886	2,910	2,819	3,133	2,995	2,920	3,355
Broilers: [3] Number produced	Mil.	1,795	2,334	2,987	3,009	2,993	2,950	3,283	3,400	3,613	3,940
Price per lb	Cents	16.9	15.0	13.6	24.0	21.5	26.3	23.6	23.6	26.3	26.0
Gross income	Mil. dol.	1,014	1,217	1,475	2,690	2,436	2,915	2,953	3,067	3,682	4,020
Turkeys: [4] Number [2]	1,000	5,633	6,100	3,173	3,418	2,970	3,014	3,069	3,038	3,370	3,700
Value, total [2]	Mil. dol.	28	27	18	32	29	33	34	34	42	50
Value per head [2]	Dol.	4.89	4.40	5.82	9.47	9.81	10.81	11.12	11.32	12.53	13.56
Turkeys, number raised	Mil.	84	106	116	132	132	124	140	136	139	157
Gross income	Mil. dol.	377	424	498	936	683	793	825	910	1,157	1,215
Price per lb	Cents	25.4	22.2	22.6	38.2	28.0	34.8	31.7	35.5	43.6	41.1

[1] Excludes commercial broilers. [2] 1960 and 1965, as of Jan. 1; beginning 1970, as of Dec. 1. [3] Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept for egg production. Not included in production of chickens. [4] Beginning 1970, data are for breeder hens only and cover the 26 major producing States.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual.

NO. 1285. POULTRY—PRODUCTION, BY SELECTED STATES: 1977 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series K 611, 614, 617, and 621 for U.S. totals]

STATE	CHICKENS PRODUCED (mil.)			BROILERS PRODUCED (mil.)			CHICKS HATCHED COMMERCIALLY [1] (mil.)			TURKEYS RAISED (mil.)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
U.S	**244.8**	**237.9**	**248.5**	**3,400.0**	**3,613.1**	**3,939.8**	[2] **4,138.6**	[2] **4,370.9**	[2] **4,716.7**	[2] **136.4**	[2] **138.9**	[2] **156.5**
Ala.	13.2	13.1	15.4	428.1	441.7	493.1	479.3	517.6	568.9	(D)	(D)	-
Ark.	19.7	19.1	21.3	569.6	612.1	679.2	667.1	705.7	769.8	10.8	12.5	13.3
Calif.	18.7	20.0	20.7	112.5	122.4	137.6	170.4	182.1	203.5	17.4	16.8	18.9
Conn.	3.1	3.2	2.9	1.1	-	-	4.1	(D)	(D)	(Z)	-	-
Del.	.5	.5	.5	156.1	167.0	175.9	(D)	176.9	141.9	(D)	(D)	.3
Fla.	10.4	9.8	11.1	75.7	75.0	78.7	131.1	134.7	142.7	(D)	(D)	-
Ga.	20.3	21.1	24.8	485.9	531.9	561.3	572.7	621.9	650.4	1.6	1.8	2.5
Ill.	5.1	4.5	4.0	-	-	-	(D)	11.7	13.0	.6	.4	.5
Ind.	13.8	14.1	12.8	13.6	14.4	15.8	55.9	54.3	60.9	4.2	4.7	5.6
Iowa	7.6	6.9	6.6	3.5	3.4	3.0	(D)	(D)	(D)	6.0	6.3	6.2
Ky.	3.1	2.7	2.5	3.6	3.2	3.3	(D)	(D)	(D)	(D)	(D)	-
La.	2.7	2.7	2.4	63.6	75.7	91.3	(D)	(D)	(D)	-	-	-
Maine	5.7	5.8	4.3	86.9	87.9	87.6	102.8	100.4	98.3	(Z)	(Z)	-
Md.	1.5	1.5	1.7	198.5	220.9	244.8	(D)	(D)	(D)	(Z)	.1	.1
Mass.	1.6	1.5	1.6	-	-	-	(D)	(D)	(D)	.1	.1	.1
Mich.	4.6	5.0	4.4	.9	1.2	2.6	(D)	(D)	(D)	1.2	1.2	1.2
Minn.	8.4	7.7	8.5	14.2	15.1	17.0	37.1	41.9	47.3	22.7	21.2	24.7
Miss.	9.0	7.3	7.0	255.8	269.4	276.9	265.5	276.2	287.2	-	-	-
Mo.	6.1	5.5	5.4	24.1	22.2	25.3	(D)	(D)	(D)	9.8	10.5	11.0
N.Y.	7.0	7.0	7.1	-	-	-	(D)	(D)	12.2	.1	.2	.2
N.C.	11.9	11.3	11.4	339.3	353.5	376.6	386.2	394.9	423.9	16.5	18.9	23.1
Ohio	8.1	7.1	6.8	19.4	20.4	19.1	(D)	(D)	(D)	2.5	2.6	2.4
Okla.	1.8	2.3	2.3	29.3	35.3	40.3	(D)	(D)	(D)	1.3	1.5	1.9
Oreg.	1.6	1.6	2.1	15.6	15.5	17.3	30.1	30.3	35.9	1.4	1.3	1.3
Pa.	12.3	12.3	14.6	88.1	99.3	109.2	122.5	136.9	152.6	3.6	3.5	4.7
S.C.	4.8	4.8	7.0	34.5	39.0	43.7	45.8	50.4	51.0	2.4	2.5	3.0
Tenn.	3.1	2.8	3.6	48.9	48.2	57.7	(D)	(D)	(D)	(Z)	(Z)	-
Tex.	11.0	10.6	11.2	185.3	198.4	217.5	229.6	247.5	269.4	8.6	7.3	8.0
Va.	3.5	3.3	3.8	98.0	91.6	111.6	116.4	126.1	149.3	8.7	8.5	9.2
Wash.	4.4	4.7	4.8	16.8	17.3	19.8	21.7	20.2	21.7	(D)	(D)	-
W. Va.	.7	.8	.8	16.3	16.2	16.7	(D)	(D)	(D)	2.1	2.1	2.6
Wis.	3.3	3.6	3.5	10.9	11.2	11.8	(D)	(D)	(D)	5.5	5.7	5.6
Other	16.5	13.9	11.9	3.9	3.8	4.3	(D)	(D)	(D)	9.3	8.1	9.1

- Represents zero. D Withheld to avoid disclosure. Z Less than 50,000. [1] By commercial hatcheries. [2] Includes poultry not available separately by State.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics*, annual.

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101st EDITION

Section 25

Forests and Forest Products

This section presents data on area and ownership of commercial timberland, and on growing stock and volume of timber on it; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, and rosin, and similar data.

The principal sources of these data are *An Analysis of the Timber Situation in the United States, 1952-2030, Appendix 3; United States Timber Production, Trade, Consumption, and Price Statistics, 1950-79; National Forest System;* and *Wildfire Statistics,* issued annually by the Forest Service of the Department of Agriculture, *Agricultural Statistics* issued by the Department of Agriculture; and reports of the census of manufactures (taken every five years) and the monthly and annual *Current Industrial Reports,* issued by the Bureau of the Census. Additional information is published in the *Annual Report* of the National Forest Reservation Commission; the monthly and annual *Naval Stores* of the Department of Agriculture's Economics, Statistics, and Cooperatives Service; the monthly *Survey of Current Business* of the Bureau of Economic Analysis; and the annual *Wood Pulp Statistics* and *The Statistics of Paper and Paperboard* of the American Paper Institute, New York, N.Y.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been recently surveyed than for those for which only estimates are available. Estimates of fire damage or causes of fires for Federal lands are considered much better than those for private lands. In general, more data are available for lumber and other manufactured products such as veneer and plywood, etc., than for the primary forest products such as poles and piling and fuelwood.

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

NO. 1286. NATIONAL FOREST LANDS AND PURCHASES: 1950 to 1979

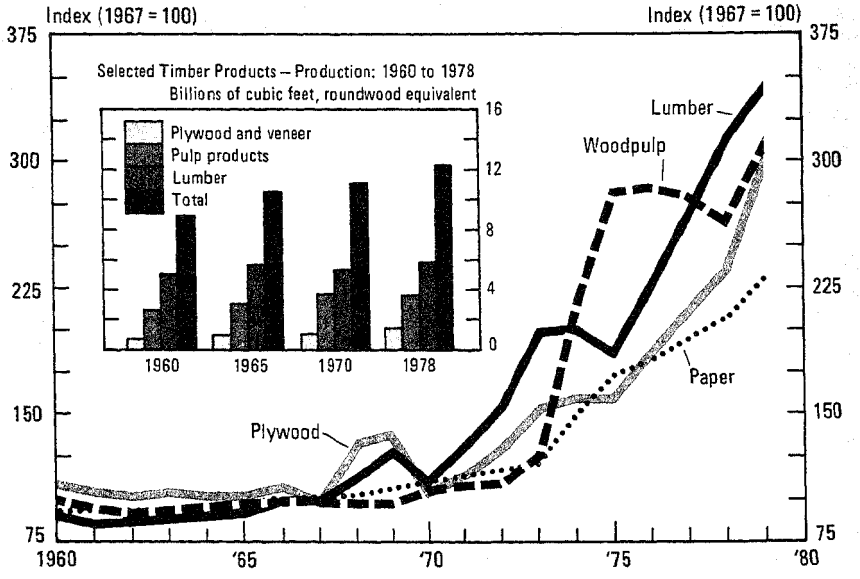
[Area as of **June 30,** except, **beginning 1976, as of Sept. 30;** purchases for years ending **June 30,** except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1970,* series L 10-14]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Gross area [1]	Mil acres	229	236	227	226	226	226	226	226	226	226
National Forest System	Mil acres	181	188	186	187	187	188	188	188	188	187
Approved for purchase	1,000 acres	61	19	8	29	92	12	[2] 49	45	51	58
Average price per acre	Dollars	9	10	15	47	125	275	290	371	442	520
Total price	Mil dol	.5	.2	.1	1.3	11.5	3.3	14.3	16.6	22.5	30.2
Purchases completed	1,000 acres	97	12	8	33	113	34	[2] 41	30	29	37
Average price per acre	Dollars	7	12	31	39	96	267	282	286	411	616
Total price	Mil Dol	.7	.1	.2	1.3	10.9	9.1	11.7	8.6	11.9	22.3
Gross area of purchase units	Mil acres	53	62	56	56	56	56	[2] 56	56	56	56
Purchase completed, net area [3]	Mil acres	19	19	19	19	20	20	[2] 20	20	20	20
Average price per acre	Dollars	4	4	4	4	6	9	10	10	11	12
Total Price	Mil dol	71	73	75	79	125	179	190	199	211	233

[1] Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas). [2] For 15 months ending Sept. 30. [3] Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

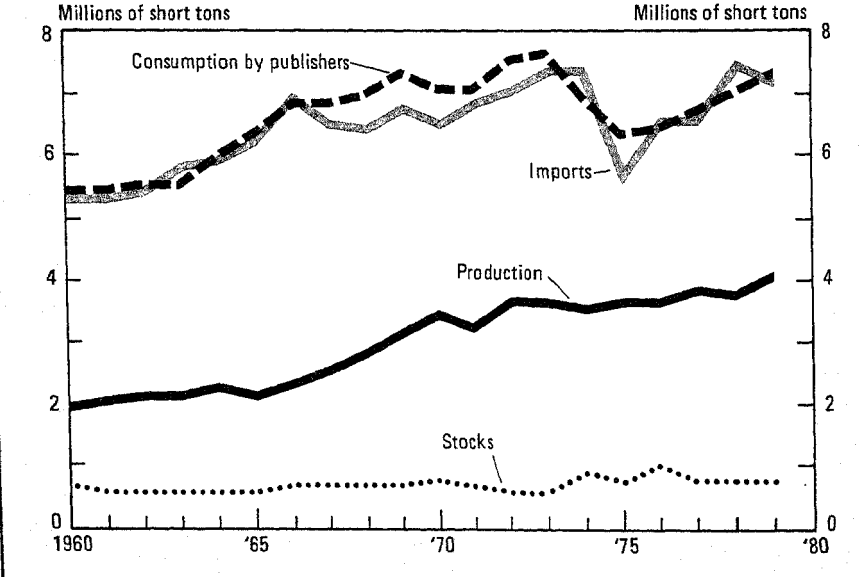
Source: U.S. Forest Service, *National Forest System,* annual; and U.S. National Forest Reservation Commission, *Annual Report.*

Figure 25.1
Selected Timber Products — Producer Price Indexes: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1293 and 1295.

Figure 25.2
Newsprint — Production, Stocks, Consumption, and Imports: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1305.

No. 1287. Forest Land—Total and Commercial Area, Volume of Sawtimber, and Growing Stock: 1952 to 1977

[As of **Jan. 1.** For composition of regions, see table 1289]

Year and region	Total forest land (mil. acres)	Commercial timberland, ownership [1]					Net volume of sawtimber [3]			Growing stock, net (bil. bd. ft.)
		All ownerships (mil. acres)	Federally owned or managed [2]	State, county, and municipal (mil. acres)	Private		Total (bil. bd. ft.)	Softwood (bil. bd. ft.)	Hardwood (bil. bd. ft.)	
					Total (mil. acres)	Percent of total				
United States, 1952	664	499	116	28	355	71.1	2,513	2,067	446	603
North	209	170	13	19	137	80.6	249	59	190	111
South	197	192	14	3	175	91.1	410	197	213	136
West	258	138	89	6	43	31.2	1,855	1,811	44	356
United States, 1962	759	509	116	28	366	71.9	2,517	2,033	484	648
North	178	173	12	19	141	81.5	282	70	212	137
South	220	200	14	3	183	91.5	465	246	219	156
West	360	139	90	6	42	30.2	1,769	1,717	52	354
United States, 1970	754	496	111	31	358	72.2	2,539	2,002	537	680
North	186	173	12	20	141	81.5	321	83	237	156
South	212	193	14	3	175	90.7	535	296	239	177
West	355	135	85	8	42	31.1	1,684	1,623	61	348
United States, 1977	737	482	105	30	347	72.8	2,579	1,986	594	711
North	178	166	12	19	136	81.3	359	97	263	173
South	207	188	14	3	170	91.0	615	341	274	202
West	352	128	79	8	41	32.0	1,605	1,548	57	336

[1] See footnote 1, table 1289. [3] See footnote 3, table 1289. [2] Includes Indian land.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States 1952-2030*, Appendix 3, and *Forest Statistics of the U.S., 1977*.

No. 1288. National Forest System—Summary: 1960 to 1979

[Through **1976,** for years ending **June 30,** except as noted; thereafter, ending **Sept. 30.** Includes Alaska and Puerto Rico, except as noted, See *Historical Statistics, Colonial Times to 1970*, series J 33-34, for similar but not comparable grazing data, and L 15-31]

Item	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Timber cut, total value.	Mil. dol	157.1	161.9	307.6	480.1	509.9	368.4	495.4	735.9	858.5	973.0
Commercial and cost sales: [1]											
Volume	Mil. bd. ft	9,367	11,244	11,527	12,357	10,958	9,174	9,575	10,482	10,080	10,377
Value	Mil. dol	156	161	308	479	509	366	492	733	855	968
Free use: Volume	Mil. bd. ft	123	191	179	190	449	618	[2] 1,080	1,028	1,221	1,637
Value [3]	Mil. dol	.2	.3	.3	.4	.8	1.1	[2] 2.1	2.4	2.6	3.8
Misc. forest products	Mil. dol	.5	.5	.7	.5	.5	1.4	1.2	1.0	1.2	1.1
Livestock grazing: [4]											
Cattle and horses [5]	1,000	1,307	1,376	1,607	1,571	1,580	1,626	[2] 1,690	1,587	1,557	1,540
Sheep and goats	1,000	2,574	2,112	2,105	1,598	1,470	1,549	[2] 1,750	1,473	1,284	1,249
Roads and trails:											
Road construction [6]	Miles	851	1,613	942	527	36	136	168	1,021	793	820
Trail construction [6]	Miles	142	671	278	858	358	298	270	[7] 1,222	[7] 2,119	[7] 1,390
Expenditures	Mil. dol	43.2	105.5	155.1	157.5	131.1	157.7	167.6	247.5	279.6	292.0
Receipts, total	Mil. dol	148.2	149.2	299.7	469.7	485.7	373.1	454.7	691.6	765.4	881.0
Timber use	Mil. dol	140.1	138.8	283.9	446.7	459.9	341.3	418.6	652.1	723.3	827.6
Grazing use	Mil. dol	4.5	3.5	4.4	6.2	7.8	7.7	10.9	11.4	11.4	12.5
Special land use, etc	Mil. dol	3.6	6.9	11.4	16.8	18.0	24.1	25.2	28.1	30.7	40.9
Payments to local gov't [8]	Mil. dol	36.1	36.2	72.8	114.6	118.7	91.0	111.2	225.9	240.6	279.2
25-percent fund [9]	Mil. dol	35.4	35.5	71.9	113.7	117.5	89.8	109.5	224.1	238.9	277.0
Other [10]	Mil. dol	.7	.7	.9	.9	1.2	1.2	1.7	1.8	1.7	2.3
Allotments to Forest Service, total [11]	Mil. dol	14.9	15.0	29.5	48.9	49.2	39.5	47.0	75.1	83.0	93.9
Roads and trails	Mil. dol	14.2	14.2	28.8	45.5	47.0	35.9	43.8	66.0	73.5	84.2
Other	Mil. dol	.7	.8	.7	3.4	2.2	3.6	3.2	9.1	9.5	9.7

[1] Includes land exchanges. [2] For 15 months ending Sept. 30. [3] Includes some free use timber not reducible to board feet. [4] For 1960-1970, data for livestock permitted to graze; 1973-1976, for authorized use; 1977-1979 for number actually grazed. Calendar-year data. Excludes Puerto Rico. [5] Excludes animals under 6 months of age. 1960-1972 includes swine. [6] Includes reconstruction. Through 1965, excludes national grasslands. [7] Figures include work done by the Young Adult Conservation Corps. [8] Payments made in following year. [9] Includes Tongass Alaska suspense account. [10] Includes Arizona and New Mexico School Fund, State of Minn. and receipts paid to counties under Bankhead-Jones Farm Tenant Act. [11] For use in following year.

Source: U.S. Forest Service. In *Agricultural Statistics*, annual, and unpublished data.

No. 1289. Forest Land Area, Commercial Area Ownership, and Volume of Sawtimber and Growing Stock, by States: 1977 (Jan. 1)

State	Total forest land (1,000 acres)	Commercial timberland, ownership [1] (1,000 acres)				Sawtimber net volume [3]		Growing stock, net volume [4]	
		Total	Federal, owned or managed [2]	State, county, municipal	Private	Total (mil. bd. ft.)	Softwood (mil bd. ft.)	Total (mil. cu. ft.)	Softwood (mil. cu. ft.)
U.S.	**736,558**	**482,486**	**105,472**	**30,249**	**346,764**	**2,578,940**	**1,985,408**	**710,968**	**455,779**
North	**117,662**	**166,141**	**11,964**	**18,549**	**135,628**	**359,021**	**96,504**	**173,145**	**44,574**
New Eng.	**32,461**	**30,985**	**770**	**1,317**	**28,898**	**75,507**	**43,800**	**41,848**	**23,383**
Conn	1,861	1,806	2	144	1,659	5,870	1,305	2,662	425
Maine	17,718	16,864	73	468	16,323	36,118	25,232	22,604	16,060
Mass	2,952	2,798	10	356	2,432	7,868	4,168	3,893	1,439
N.H	5,014	4,692	472	108	4,112	14,564	8,607	7,286	3,526
R.I	404	395	-	32	363	697	289	412	108
Vt	4,512	4,430	213	209	4,008	10,391	4,199	4,990	1,826
Mid Atl	**50,686**	**46,415**	**1,505**	**4,554**	**40,355**	**101,959**	**17,094**	**56,461**	**7,606**
Del	392	384	1	13	370	1,393	408	625	169
Md	2,653	2,523	25	218	2,280	8,167	1,726	3,492	793
N.J	1,928	1,857	28	291	1,538	3,127	575	1,534	251
N.Y	17,218	14,243	58	835	13,351	26,088	7,771	13,256	3,523
Pa	16,826	15,924	503	2,968	12,453	34,251	3,714	23,403	1,778
W. Va	11,669	11,484	892	229	10,363	28,934	2,901	14,153	1,092
Lake	**51,644**	**47,579**	**6,750**	**11,886**	**28,944**	**97,766**	**30,984**	**44,517**	**11,901**
Mich	19,270	18,778	2,472	3,947	12,359	42,441	13,205	19,214	5,061
Minn	16,709	13,695	2,336	4,992	6,367	24,607	8,531	11,454	3,477
N. Dak	422	405	114	10	281	474	-	257	(Z)
S. Dak. (east)	335	223	74	3	146	448	66	134	23
Wis	14,908	14,478	1,753	2,934	9,792	29,797	9,183	13,457	3,340
Central	**42,872**	**41,163**	**2,940**	**792**	**37,431**	**83,788**	**4,625**	**30,319**	**1,684**
Ill	3,810	3,692	269	11	3,413	7,094	30	2,180	24
Ind	3,943	3,815	239	171	3,405	10,967	255	3,758	87
Iowa	1,561	1,460	57	56	1,348	3,419	14	1,038	6
Kans	1,344	1,187	27	10	1,151	2,020	1	584	1
Ky	12,161	11,902	819	77	11,007	28,941	2,091	11,968	916
Mo	12,876	12,269	1,313	219	10,757	15,270	1,292	6,022	392
Nebr	1,029	789	67	12	710	1,737	510	442	119
Ohio	6,147	6,029	150	237	5,642	14,341	433	4,328	139
South	**206,875**	**188,046**	**14,485**	**3,245**	**170,315**	**614,709**	**341,023**	**202,009**	**97,136**
So. Atl	**48,710**	**47,677**	**3,897**	**883**	**42,897**	**171,401**	**74,317**	**59,988**	**23,333**
N.C	20,043	19,562	1,365	398	17,799	76,794	35,375	26,131	10,742
S.C	12,249	12,176	862	233	11,081	40,837	22,809	14,201	7,079
Va	16,417	15,939	1,670	252	14,017	53,771	16,134	19,657	5,512
E. Gulf	**42,296**	**40,142**	**3,040**	**620**	**36,482**	**112,478**	**74,078**	**40,134**	**24,405**
Fla	17,040	15,330	1,623	492	13,215	31,950	21,129	11,733	7,525
Ga	25,256	24,812	1,417	128	23,268	80,529	52,949	28,402	16,880
Ctr. Gulf	**51,237**	**50,657**	**2,935**	**1,016**	**46,707**	**162,351**	**87,903**	**51,977**	**23,555**
Ala	21,361	21,333	800	209	20,324	69,396	46,509	22,240	12,339
Miss	16,716	16,504	1,216	461	14,828	60,642	35,370	17,234	8,929
Tenn	13,161	12,820	919	346	11,555	32,313	6,024	12,504	2,287
W. Gulf	**64,632**	**49,569**	**4,614**	**726**	**44,229**	**168,478**	**104,724**	**49,910**	**25,843**
Ark	18,282	18,207	2,718	256	15,233	48,969	26,462	17,145	7,060
La	14,558	14,527	694	309	13,525	63,418	38,648	17,431	9,417
Okla	8,513	4,323	463	105	3,755	6,067	3,576	2,062	1,010
Tex	23,279	12,513	740	56	11,717	50,025	36,039	13,272	8,356
West	**352,021**	**128,299**	**79,023**	**8,455**	**40,821**	**1,605,211**	**1,547,882**	**335,814**	**314,069**
Pac. NW	**172,136**	**53,283**	**29,552**	**5,630**	**18,101**	**950,326**	**911,892**	**186,130**	**173,155**
Alaska	119,145	11,150	8,423	2,438	289	188,858	184,406	43,073	40,620
Oreg	29,810	24,211	14,201	926	9,084	431,172	414,186	79,554	74,735
Wash	23,181	17,922	6,928	2,266	8,728	330,296	313,300	63,503	57,800
Pac. SW	**42,138**	**17,251**	**8,581**	**548**	**8,122**	**264,716**	**255,611**	**49,870**	**45,979**
Calif	40,152	16,303	8,569	106	7,628	263,669	255,594	49,668	45,975
Hawaii	1,986	948	12	442	494	1,047	17	202	4
No. Rocky Mt	**55,682**	**33,478**	**23,227**	**1,595**	**8,657**	**269,646**	**267,567**	**68,699**	**67,942**
Idaho	21,727	13,541	9,640	880	3,021	139,618	139,050	31,884	31,662
Mont	22,559	14,359	9,260	534	4,565	97,334	96,238	27,977	27,691
S. Dak. (west)	1,367	1,244	958	70	215	5,615	5,597	1,643	1,627
Wyo	10,028	4,334	3,369	111	855	27,079	26,683	7,195	6,963
So. Rocky Mt	**82,065**	**24,287**	**17,663**	**682**	**5,941**	**120,524**	**112,812**	**31,116**	**26,993**
Ariz	18,494	3,896	3,696	34	166	22,711	22,063	4,982	4,763
Colo	22,271	11,315	7,962	234	3,118	54,941	50,684	15,036	12,624
Nev	7,683	134	61	5	69	1,388	1,363	262	249
N. Mex	18,060	5,538	3,439	171	1,927	25,919	24,346	6,395	5,796
Utah	15,557	3,405	2,505	239	661	15,565	14,357	4,440	3,562

- Represents zero. Z Less than 500,000 cubic feet. [1] Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [2] Includes Indian lands. [3] Net volume of the saw log portion of live sawtimber trees in board feet, International ¼-inch log rule. [4] Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

Source: U.S. Forest Service, *Forest Statistics of the U.S., 1977.*

NO. 1290. NATIONAL FOREST LANDS—STATES AND OTHER AREAS: 1979

[**In thousands of acres.** As of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series L 10–11]

STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries	STATE OR OTHER AREA	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries
Total	**226,344**	**187,451**	**38,893**	Nev	5,423	5,144	279
				N.H	814	694	120
Ala	1,263	643	620	N.Mex	10,272	9,244	1,028
Alaska	20,777	20,160	617	N.Y	13	13	–
Ariz	11,936	11,270	666	N.C	3,165	1,159	2,006
Ark	3,502	2,471	1,031	N. Dak	1,106	1,106	(z)
Calif	24,273	20,343	3,930	Ohio	834	174	660
Colo	15,933	14,415	1,518	Okla	461	293	168
Conn	(z)	(z)	(z)	Oreg	17,453	15,610	1,843
Fla	1,224	1,094	130	Pa	743	509	234
Ga	1,911	860	1,051	S.C	1,382	608	774
Idaho	21,686	20,423	1,263	S. Dak	2,269	1,995	274
Ill	840	259	581	Tenn	1,204	621	583
Ind	645	184	461	Tex	1,994	782	1,212
Kans	108	108	–	Utah	9,129	8,046	1,083
Ky	2,102	665	1,437	Vt	629	271	358
La	1,023	598	425	Va	3,224	1,612	1,612
Maine	94	52	42	Wash	10,026	9,067	959
Mich	4,870	2,716	2,154	W. Va	1,861	966	895
Minn	5,466	2,795	2,671	Wis	2,023	1,497	526
Miss	2,310	1,140	1,170	Wyo	9,691	9,253	438
Mo	3,082	1,460	1,622	Puerto Rico	56	28	28
Mont	19,086	16,751	2,335	Virgin Islands	(z)	(z)	(z)
Nebr	441	352	89				

– Represents zero. Z Less than 500 acres. [1] See footnote 1, table 1286.

Source: U.S. Forest Service, *National Forest System*, annual.

NO. 1291. WILDFIRES—SUMMARY: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series L 44–55]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
ACREAGE (1,000)									
Protected area:									
Federal [1 2]	362,836	655,001	647,239	678,253	677,949	680,243	681,564	680,185	680,223
Area burned [3]	622	146	719	1,200	408	519	802	202	1,284
State and private [3 4]	402,800	472,023	520,501	708,129	726,356	737,228	748,092	773,772	783,522
Area burned	1,909	1,206	1,541	1,511	1,119	2,119	2,096	1,553	1,317
Unprotected area:									
Federal	–	55	65,537	54,232	54,232	54,232	54,232	54,232	54,232
State and private	32,030	30,294	45,751	63,835	70,848	101,192	98,501	93,972	89,518
Area burned	1,947	1,300	1,019	(NA)	(NA)	2,472	(NA)	2,156	433
REPORTED FIRES (1,000)									
Total	103.4	113.7	121.7	145.9	134.9	241.7	174.0	218.8	163.2
On protected areas [4]	89.6	100.6	116.4	120.9	103.3	172.8	158.9	144.9	118.3
Percent of total	86.7	88.5	95.6	82.9	76.6	71.5	91.3	66.2	72.5
Federal area [5]	[6] 12.1	9.1	15.0	15.0	12.3	15.8	16.3	14.1	13.9
State and private	91.3	104.6	106.8	130.8	122.6	225.9	157.7	204.8	149.3
Protected	77.5	91.5	101.5	105.8	91.0	157.0	142.6	130.8	104.4
Unprotected	13.8	13.1	5.3	25.0	31.6	68.9	15.1	74.0	44.9
Cause of fires: [5]									
Incendiary (arson)	21.2	26.9	30.9	31.4	28.2	51.3	45.3	46.2	32.5
Debris burning	21.9	22.9	28.3	23.0	18.2	38.9	36.1	31.5	26.6
Smoking	16.0	16.5	14.5	13.4	10.5	17.7	15.4	13.2	10.2
Lightning	11.1	8.7	12.8	12.6	9.4	11.7	15.8	10.8	9.6
Caused by children	(NA)	(NA)	7.7	11.1	10.8	14.4	13.1	11.6	11.2
Railroads	3.9	([7])	6.8	7.2	5.2	10.8	8.1	6.9	5.5
Equipment use	(NA)	(NA)	3.4	5.7	4.6	7.7	6.7	7.1	7.2
Campfires	3.6	3.4	3.8	4.3	4.0	5.1	4.6	4.3	3.8
Miscellaneous [8]	12.0	22.1	8.1	12.1	12.4	15.2	13.7	13.3	11.7
FIRE PROTECTION EXPENDITURES [3 9] (mil. dol.)									
Total funds	56.6	76.6	113.5	150.4	169.0	189.8	217.0	212.0	216.2
Federal	9.4	12.8	16.4	20.1	25.2	22.6	20.7	30.0	30.6
State and county	45.1	62.6	95.3	130.3	143.9	167.1	196.3	182.0	185.6
Private	2.2	1.2	1.8						

– Represents zero. NA Not available. [1] Comprises land administered by U.S. Dept. of Agriculture, U.S. Dept. of Interior, and Tennessee Valley Authority, etc. [2] Beginning 1965, includes nonforest watershed areas under U.S. Dept. of Interior protection. [3] 1960 excludes Alaska; 1975 and 1977 include Guam. [4] Includes nonforest watershed areas. [5] For protected areas only. [6] Excludes nonforested watershed lands under U.S. Dept. of Interior protection. [7] Included in various other classifications. [8] 1960, lumbering included in "Miscellaneous"; thereafter in various other classifications; no previous breakdown was shown for fires caused by children. [9] For fire protection on State, county, and private lands only; years ending June 30 through 1976; thereafter, ending Sept. 30.

Source: U.S. Forest Service, *Wildfire Statistics*, annual, and unpublished data.

No. 1292. Forest Tree Distribution and Forest Management: 1960 to 1978

[For years ending June 30 except, beginning 1976, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 32-48]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Forest trees distributed [1]	Millions	845	509	495	553	581	540	578	506	657	(NA)
Costs, total	$1,000	6,573	6,865	8,544	5,810	6,200	6,890	5,537	(NA)	(NA)	(NA)
Federal contributions	$1,000	186	216	197	175	214	216	225	143	145	(NA)
State expenditures	$1,000	6,387	6,649	8,347	5,636	5,986	6,674	5,312	(NA)	(NA)	(NA)
Acreage planted [2]	1,000	2,137	1,325	1,600	1,680	1,750	1,604	1,931	1,892	1,978	2,176
Forest management program: [3]											
Woodland owners assisted	1,000	82	99	115	274	106	118	141	105	134	165
Woodland involved	1,000 acres	4,116	6,165	6,945	11,158	6,472	7,106	10,369	4,085	4,614	5,750
Products harvested	Mil. bd. ft	596	717	1,226	956	1,579	907	678	597	921	1,121
Gross sale value	Mil. dol	14	17	32	24	38	44	28	(NA)	(NA)	(NA)
Expenditures, total	Mil. dol	3.9	6.8	11.6	14.6	16.5	19.4	22.4	23.3	(NA)	(NA)
Federal	Mil. dol	1.4	2.7	3.7	4.3	4.1	4.3	4.7	4.7	5.5	(NA)
State	Mil. dol	2.5	4.1	8.0	10.3	12.4	15.2	17.8	18.6	(NA)	(NA)

NA Not available. [1] Provided by Clark-McNary Program Act of June 7, 1924 as amended. [2] Includes areas planted by direct seeding; excludes areas satisfactorily reforested or established as wind barriers because some of the plantings or seelings are not successful. [3] Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.

Source: U.S. Forest Service. In U.S. Dept. of Agriculture, *Agricultural Statistics*, annual.

No. 1293. Timber Products—Production, Foreign Trade, and Consumption, by Type of Production, 1960 to 1978

[In millions of cubic feet, roundwood equivalent. See also *Historical Statistics, Colonial Times to 1970*, series L 72-86]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
Industrial roundwood:										
Domestic production [1]	8,920	10,555	11,105	11,440	11,925	11,540	10,570	11,815	11,965	12,230
Softwoods	6,930	8,130	8,635	8,945	9,255	8,815	8,380	9,340	9,435	9,520
Hardwoods	1,995	2,430	2,470	2,495	2,670	2,725	2,195	2,475	2,535	2,710
Imports	1,680	2,105	2,430	3,060	3,150	2,755	2,220	2,840	3,310	3,760
Exports	455	740	1,540	1,545	1,755	1,805	1,685	1,870	1,795	1,870
Consumption [2]	10,145	11,925	11,995	12,960	13,325	12,490	11,105	12,785	13,480	14,125
Softwoods	8,065	9,380	9,425	10,245	10,470	9,710	8,875	10,225	10,840	11,330
Hardwoods	2,080	2,545	2,565	2,710	2,855	2,780	2,230	2,560	2,640	2,795
Lumber:										
Domestic production	[3] 5,080	5,665	5,215	5,535	5,670	5,095	4,890	5,475	5,730	5,820
Imports	610	815	955	1,415	1,460	1,115	930	1,290	1,675	1,910
Exports	135	145	195	215	300	270	255	290	260	285
Consumption	5,560	6,335	5,970	6,740	6,830	5,940	5,565	6,475	7,140	7,440
Plywood and veneer:										
Domestic production	705	1,030	1,020	1,300	1,320	1,150	1,165	1,355	1,425	1,460
Imports	60	100	170	270	225	155	170	215	210	225
Exports	(Z)	5	15	25	40	50	70	65	35	50
Consumption	765	1,125	1,170	1,550	1,510	1,255	1,265	1,500	1,600	1,635
Pulp products:										
Domestic production	2,575	3,090	3,835	3,520	3,755	4,220	3,485	3,805	3,645	3,745
Imports	985	1,175	1,280	1,365	1,460	1,470	1,105	1,320	1,395	1,610
Exports	275	380	720	625	640	805	715	710	725	730
Consumption	3,290	3,890	4,400	4,260	4,575	4,885	3,875	4,420	4,320	4,630
Logs: Imports	20	15	25	10	5	15	15	15	30	20
Exports	45	205	465	535	575	455	455	555	525	585
Pulpwood chips, exports	-	5	145	140	200	230	195	245	250	225
Other industrial prod.[4] consumption	510	560	425	405	405	395	385	380	390	400
Fuelwood consumption	**1,300**	**915**	**540**	**475**	**505**	**535**	**570**	**600**	**635**	**680**

- Represents zero. Z Less than 500,000 cubic feet. [1] Includes log exports. [2] Includes log imports. [3] Excludes Alaska and Hawaii. [4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: U.S. Forest Service, *United States Timber Production, Trade, Consumption, and Price Statistics, 1950-79*, annual.

No. 1294. Timber Products—Per Capita Consumption: 1960 to 1978

[Based on total population estimated as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series L 87-97]

PRODUCT	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
All products	Cu. ft	63.3	66.1	61.2	64.3	65.7	61.5	54.7	62.2	65.1	67.7
Industrial roundwood	Cu. ft	56.1	61.4	58.5	62.1	63.3	58.9	52.0	59.4	62.1	64.6
Lumber	Cu. ft	30.8	32.6	29.1	32.3	32.5	28.0	26.0	30.1	32.9	34.1
Plywood and veneer	Cu. ft	4.2	5.8	5.7	7.4	7.2	5.9	5.9	7.0	7.4	7.5
Pulp products	Cu. ft	18.2	20.0	21.5	20.4	21.7	23.1	18.1	20.5	19.9	21.2
Other products	Cu. ft	2.8	2.9	2.1	1.9	1.9	1.9	1.8	1.8	1.8	1.8
Fuelwood	Cu. ft	7.2	4.7	2.6	2.3	2.4	2.5	2.7	2.8	2.9	3.1
Lumber	Bd. ft	199	212	193	219	220	189	173	198	216	223
Plywood and veneer	Bd. ft	25	35	34	44	41	33	33	38	40	41
Pulp products	Cords (128 cu. ft.)	.2	.3	.3	.3	.3	.3	.2	.3	.3	.3

Source: U.S. Forest Service, *United States Timber Production, Trade, Consumption, and Price Statistics, 1950-79*, annual.

No. 1295. Selected Timber Products—Producer Price Indexes: 1960 to 1979

[1967=100. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 206-210]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Lumber products	**92**	**94**	**114**	**159**	**205**	**207**	**193**	**233**	**277**	**322**	**354**
Softwood lumber	93	93	113	168	214	211	201	248	297	346	380
Douglas fir	89	92	109	161	210	214	212	251	291	340	383
Southern pine	94	91	115	152	188	185	175	217	263	305	324
Ponderosa pine, #3 boards	104	94	116	192	264	246	211	271	340	385	466
Hardwood lumber	91	97	115	126	169	190	160	176	200	236	260
Oak, red, flooring, select	99	108	113	128	202	203	159	(NA)	227	285	359
Gum #1, common	68	82	93	109	142	159	115	125	127	164	182
Poplar #1, common	80	86	105	108	150	173	121	131	137	163	174
Birch #1, common	89	96	91	96	123	140	122	127	137	144	157
Plywood	110	104	108	131	155	161	161	187	212	236	251
Softwood	113	106	114	155	194	187	201	248	296	326	323
Hardwood	105	101	103	104	113	130	120	123	128	140	169
Insulation board	114	98	111	119	122	134	144	161	178	203	200
Woodpulp	102	100	110	112	128	218	283	286	281	267	315
Paper	93	95	111	116	121	149	173	182	194	206	230
Paperboard	105	102	101	106	115	152	170	176	176	180	202
Containerboard	106	104	99	104	113	146	172	176	172	173	198
Hardboard and particleboard	104	104	93	96	106	115	114	124	141	170	166

NA Not available.

Source: U.S. Department of Agriculture, Economics, Statistics, and Cooperative Service, *Agricultural Statistics*, annual.

No. 1296. Selected Species—Stumpage and Log Prices: 1960 to 1979

[**In dollars per 1,000 board feet.** Stumpage prices are based on sales of sawtimber from National Forests. See also *Historical Statistics, Colonial Times to 1970*, series L 199-205]

SPECIES	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Softwoods:											
Douglas-fir [1]	32.00	42.60	41.90	71.70	138.10	202.40	169.50	176.20	225.90	250.30	394.40
Southern pine [2]	34.50	31.70	44.10	65.60	93.40	76.20	57.00	87.00	100.30	134.50	155.20
Sugar pine [3]	29.00	23.30	38.50	66.20	89.20	104.00	99.20	187.20	169.60	159.60	365.00
Ponderosa pine [4]	19.10	19.80	32.10	65.80	92.30	100.60	71.20	103.20	131.40	164.70	239.00
Western hemlock [5]	10.50	19.10	20.50	49.00	99.20	110.80	68.80	79.70	89.30	113.60	200.80
Hardwoods: [6]											
All eastern hardwoods	22.80	25.00	26.90	34.30	46.00	45.90	33.90	34.90	37.90	41.10	46.80
Oak, white, red, and black	23.40	21.30	26.60	26.60	43.60	54.70	29.70	43.40	60.00	59.20	68.80
Maple	35.00	31.90	34.40	59.40	71.40	79.50	39.60	36.60	42.10	57.40	33.90
Douglas-fir log prices: [7]											
Saw logs [8]	58.40	63.00	89.30	95.10	172.30	180.50	168.70	202.90	242.80	284.60	(NA)
Peeler logs [9]	100.10	93.90	136.60	148.90	320.40	299.30	274.40	377.70	322.20	446.40	(NA)

NA Not available. [1] Western Washington and western Oregon. [2] Southern region. [3] California region. [4] California region. Includes Jeffrey pine. [5] Pacific Northwest region. [6] Eastern and Southern regions. [7] (Scribner log scale.) Prices are for western Washington and northwest Oregon and represent average transactions which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling station, or on delivery to a mill. [8] Includes mixed grades, ungraded, and, beginning 1972, grade 4 logs. [9] Includes special fir peeler or special mill grade.

No. 1297. Average Hourly Earnings in Timber-Based Industries: 1970 to 1979

[Earnings for production or nonsupervisory workers. See also *Historical Statistics, Colonial Times to 1970*, series L 212-223]

ITEM	EARNINGS (dollars)						INDEX (1972=100)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Lumber and wood products [1]	2.96	4.26	4.72	5.10	5.60	6.08	89	128	142	153	168	183
Logging camps and contractors	(NA)	5.28	6.03	6.58	7.26	8.06	(NA)	124	142	155	171	190
Sawmills and planing mills	2.84	4.34	4.86	5.28	5.82	6.29	86	132	148	160	177	191
Millwork, plywood, and structural members	(NA)	4.26	4.67	5.04	5.56	5.98	(NA)	126	139	150	165	177
Paper and allied products	3.44	5.01	5.47	5.96	6.52	7.12	87	127	138	151	165	180
Furniture and fixtures	2.77	3.78	3.99	4.34	4.68	5.06	90	123	130	141	152	164

NA Not available. [1] Excludes furniture.

Source of tables 1296 and 1297: U.S. Forest Service, *United States Timber Production, Trade Consumption, and Price Statistics, 1950-79*, annual.

NO. 1298. LUMBER PRODUCTION AND CONSUMPTION, BY KIND OF WOOD: 1960 TO 1978

[**In millions of board feet, except as indicated.** 1960 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series L 98-112 and L 122-137]

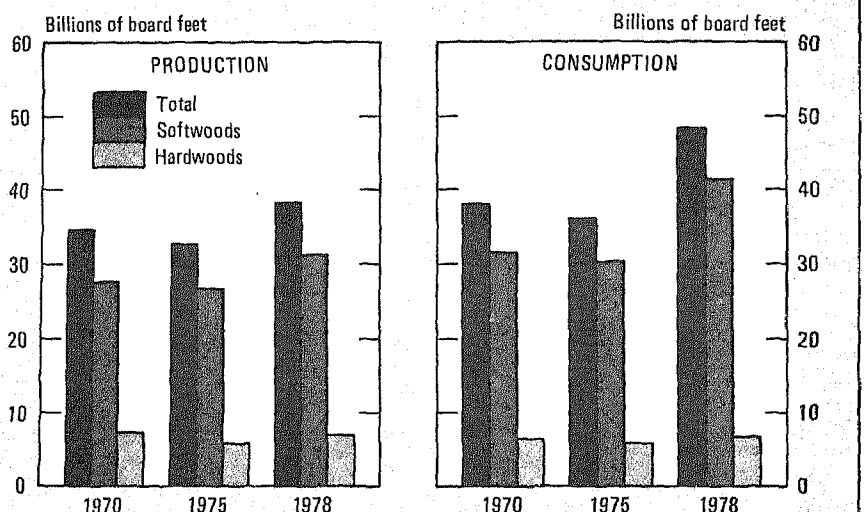
ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978 prel.
Total production	**32,926**	**36,762**	**34,668**	**37,745**	**38,595**	**34,608**	**32,619**	**36,295**	**37,682**	**38,233**
Softwoods [1]	26,672	29,295	27,530	30,975	31,586	27,704	26,747	29,878	31,202	31,273
Cedar	(S)	633	633	756	785	811	821	934	967	929
Douglas fir	8,832	8,783	7,727	8,459	8,686	7,901	7,329	8,207	8,543	8,601
Hemlock	2,032	2,576	1,980	2,692	2,711	2,105	2,020	2,454	2,439	2,728
Ponderosa pine	3,169	3,776	3,429	4,001	4,030	3,580	3,544	4,032	4,167	4,175
Redwood	1,000	1,087	1,078	1,242	1,277	1,170	1,054	1,128	1,148	917
Southern yellow pine	5,660	6,628	7,063	7,884	7,895	6,921	6,967	7,598	8,239	8,267
White fir	2,224	2,422	2,063	2,307	2,438	2,071	2,012	2,104	2,184	2,099
White pine	675	693	898	1,056	1,069	925	947	1,060	1,080	1,154
Hardwoods [1]	6,254	7,467	7,138	6,770	7,009	6,904	5,872	6,417	6,680	6,960
Ash	125	141	159	148	140	143	124	137	144	160
Beech	195	182	188	182	176	167	136	140	137	146
Cottonwood	206	198	229	268	326	312	253	309	355	372
Elm	195	206	155	141	145	155	117	131	149	151
Maple	602	786	742	624	623	574	531	569	563	561
Oak	2,789	3,356	3,250	3,121	3,227	3,160	2,724	2,996	3,103	3,220
Sweet gum [2]	331	387	376	332	342	294	245	286	377	412
Tupelo and black gum	292	385	335	319	309	331	251	277	252	267
Yellow poplar	592	681	606	628	701	710	555	596	605	645
Domestic consumption [3]	**35,225**	**40,782**	**38,073**	**46,747**	**45,555**	**38,866**	**36,099**	**42,194**	**46,969**	**48,253**
Percent net imports [4]	8.7	10.6	12.7	17.1	16.6	14.2	12.0	15.2	19.3	21.7
Softwoods	28,974	32,701	31,585	39,354	38,088	32,082	30,308	35,753	40,079	41,455
Per capita (bd. ft.)	164	172	155	189	181	152	142	167	185	190
Mill stocks, yearend	5,265	4,145	4,340	3,576	3,593	3,967	3,854	3,719	3,580	3,463
Exports	688	777	1,152	1,196	1,773	1,506	1,373	1,583	1,413	1,369
Imports	3,631	4,895	5,769	8,977	9,002	6,807	5,711	7,950	10,380	11,825
Canada [5]	3,756	4,856	5,723	8,878	8,844	6,732	5,677	7,913	10,327	11,777
Hardwoods	6,252	8,081	6,488	7,393	7,467	6,784	5,791	6,441	6,890	6,798
Per capita (bd. ft.)	35	39	32	35	35	32	27	30	32	31
Mill stocks, yearend	2,067	1,085	1,144	581	759	1,103	1,093	1,132	1,027	971
Exports	173	145	138	252	222	235	245	262	251	346
Imports	291	338	347	457	558	464	237	288	341	361
Canada [5]	118	161	145	151	155	115	62	83	81	103

S Figure does not meet publication standards. [1] Includes types not shown separately. [2] Red and sap.
[3] Source: Copeland Economics Group, Inc., Stamford, Conn. [4] Imports minus exports. [5] Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-79*, annual.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

Figure 25.3

Lumber Production and Consumption, by Kind of Wood: 1970 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1298.

No. 1299. Lumber Production, by Geographic Divisions: 1970 to 1978

[Data based in part on a sample of sawmills and are suject to sampling variability, see source. For composition of divisions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series L 113-121, for data by regions]

Geographic division	Production (bil. bd. ft.)							Percent		
	1970	1973	1974	1975	1976	1977	1978, prel.	1970	1975	1978, prel.
United States	**34.7**	**38.6**	**34.6**	**32.6**	**36.3**	**37.9**	**38.2**	**100.0**	**100.0**	**100.0**
North [1]	4.4	4.6	4.4	4.1	4.5	4.7	4.9	12.8	12.6	12.8
Hardwood	3.4	3.5	3.3	3.0	3.3	3.4	3.4	9.8	9.2	8.9
Softwood	1.0	1.1	1.1	1.1	1.3	1.3	1.5	3.0	3.4	3.9
South [1]	10.8	11.4	10.4	9.7	10.6	11.4	11.7	31.2	29.7	30.6
Hardwood	3.6	3.4	3.4	2.7	3.0	3.1	3.3	10.5	8.3	8.6
Softwood	7.2	8.0	7.0	7.0	7.7	8.3	8.4	20.7	21.4	22.0
West [1] [2]	19.4	22.6	19.7	18.8	21.1	21.8	21.6	56.0	57.7	56.6
New England	.7	.8	.8	.8	.9	.9	1.0	2.2	2.5	2.6
Middle Atlantic	.8	.8	.9	.7	.8	.9	.9	2.3	2.2	2.4
East North Central	1.2	1.3	1.2	1.1	1.2	1.3	1.4	3.5	3.4	3.6
West North Central	.6	.6	.6	.5	.6	.6	.7	1.8	1.7	1.8
South Atlantic	5.2	5.5	5.1	4.7	5.2	5.3	5.4	15.1	14.6	14.1
East South Central	3.4	3.6	3.4	3.0	3.3	3.6	3.7	9.8	9.1	9.6
West South Central	3.2	3.3	2.9	3.0	3.1	3.5	3.6	9.3	9.1	9.4
Mountain	4.2	4.6	3.9	3.9	4.6	4.7	4.6	12.0	12.1	12.0
Pacific	15.3	18.0	15.8	14.8	16.6	17.1	17.0	44.0	45.4	44.5

[1] Source: U.S. Forest Service, *United States Timber Production, Trade, Consumption, and Price Statistics, 1950-79*, annual. [2] Includes small volumes of western hardwoods—about .2 billion board feet in recent years.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

No. 1300. Logs—Exports and Imports: 1960 to 1979

[**In millions of board feet, log scale.** See also *Historical Statistics, Colonial Times to 1970*, series L 138-150]

Item	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Exports	**266**	**1,193**	**2,741**	**3,366**	**2,642**	**2,667**	**3,250**	**3,070**	**3,409**	**3,897**
Softwoods	210	1,111	2,672	3,252	2,524	2,601	3,156	2,980	3,298	3,768
Hardwoods	56	81	69	114	119	66	94	90	111	129
Imports	**113**	**68**	**144**	**34**	**77**	**86**	**82**	**155**	**97**	**133**
Softwoods	32	14	107	9	46	69	67	140	79	118
Hardwoods	80	55	38	25	31	17	14	15	18	15

Source: U.S. Forest Service, *United States Timber Production, Trade, Consumption, and Price Statistics, 1950-79*, annual.

No. 1301. Wood Products—Production: 1960 to 1979

Item	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Hardwood flooring	Mil. bd. ft	915	808	333	205	155	190	220	225	220
Softwood plywood	Bil. sq. ft., 3/8" basis	7.8	12.4	14.1	15.3	15.7	17.9	18.9	19.5	19.7
Insulation boards	1,000 short tons	1,098	1,258	1,219	1,295	1,249	1,434	1,403	1,416	1,424
Hardboard	1,000 short tons	686	1,093	1,463	1,978	1,784	2,110	2,237	2,294	2,124
Particleboard	Mil. sq. ft. 3/4" basis	268	780	1,764	3,094	2,367	3,000	3,590	3,866	3,550

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Construction Review*, monthly. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, Md.

No. 1302. Plywood—Production, Imports, Exports, Consumption, and Value of Shipments: 1960 to 1978

[**In mil. sq. ft., 3/8" basis, except as indicated.** See also *Historical Statistics, Colonial Times to 1970*, series L 151-165]

Item	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total production	8,861	14,477	15,945	19,873	19,736	16,707	16,758	18,989	20,065	20,664
Softwood	7,759	12,428	14,149	17,843	17,929	15,306	15,706	17,906	18,877	19,492
Hardwood	1,102	2,049	1,796	2,030	1,807	1,401	1,052	1,083	1,187	1,173
Imports	725	1,052	2,049	3,162	2,536	1,649	1,925	2,368	2,273	2,555
Exports	15	37	172	247	452	610	859	795	357	328
Consumption	9,571	15,492	17,822	22,788	21,820	17,746	17,823	20,561	21,981	22,891
Shipments, total [1] (mil. dol.)	(NA)	1,124	1,268	2,038	2,337	2,020	2,073	2,779	3,602	4,070
Softwood (mil. dol.)	(NA)	775	959	1,666	1,928	1,626	1,726	2,362	3,125	3,549
Hardwood (mil. dol.)	(NA)	349	310	372	409	394	347	417	477	521

NA Not available. [1] Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24F and MA-24H, both annual. Includes interplant transfers.

Source: Except as noted, U.S. Forest Service, *U.S. Timber Production Trade, Consumption, and Price Statistics, 1950-79*, annual.

No. 1303. Pulpwood—Production, Consumption, and Prices: 1950 to 1978

[In millions of standard cords of *128 cubic feet*, except as indicated. Excludes Alaska in 1950 and Hawaii prior to 1965. See *Historical Statistics, Colonial Times to 1970*, series L 166 and L 168, for similar data]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978 prel.
Production, total	20.7	30.9	40.0	52.3	70.5	71.2	77.1	81.7	68.9	77.1	79.5	79.8
Softwood	17.8	25.6	31.5	39.8	53.4	53.2	56.7	59.5	52.2	57.8	59.9	58.6
Hardwood	2.9	5.3	8.5	12.5	17.1	18.0	20.4	22.2	16.6	19.3	19.6	21.2
Consumption[1]	23.6	33.4	40.5	52.0	67.6	71.5	73.6	74.3	65.4	73.2	74.0	(NA)
Softwood	20.4	27.7	32.1	39.7	51.3	53.6	54.8	54.6	48.9	54.8	55.5	(NA)
Hardwood	3.2	5.6	8.4	12.3	16.3	17.9	18.8	19.8	16.5	18.4	18.5	(NA)
Prices:[2]												
Southern pine:												
Midsouth	12.15	14.60	16.05	16.30	18.80	20.80	23.85	28.25	28.70	29.75	31.40	33.15
Southeast	11.90	14.40	16.45	17.65	21.10	22.85	28.20	32.80	*33.20*	*33.60*	*34.65*	*36.25*
Louisiana	(NA)	14.10	14.85	15.70	17.70	19.25	22.50	28.30	29.25	30.45	31.65	34.55
Hardwoods:												
Midsouth	10.65	12.90	13.10	13.80	16.95	18.55	21.30	25.30	25.70	26.50	28.10	30.35
Southeast	(NA)	(NA)	13.60	14.35	17.15	18.95	21.15	24.10	24.55	24.55	26.55	28.15
Louisiana	(NA)	12.25	12.15	13.65	17.45	19.00	22.00	25.00	26.20	26.10	27.20	28.30
New Hampshire	14.50	(NA)	18.50	16.10	20.00	23.50	26.50	28.50	31.65	33.00	35.00	37.00

NA Not available. [1] Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M26A, monthly and annual. [2] Dollars per standard cord.

Source: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–79*, annual.

No. 1304. Paper and Paperboard—Production and Consumption: 1965 to 1979

[In millions of short tons. See also *Historical Statistics, Colonial Times to 1970*, series L 172, L 174, and L 178–191]

ITEM	PRODUCTION						CONSUMPTION					
	1965[1]	1970[1]	1975	1977	1978	1979, prel.	1965	1970	1975	1977	1978	1979, prel.
Total paper and paperboard[2 3]	**44.2**	**53.6**	**52.9**	**62.1**	**64.3**	**67.0**	**49.2**	**58.0**	**56.1**	**66.5**	**70.4**	**72.7**
Paper	**19.2**	**23.6**	**23.3**	**27.4**	**28.3**	**29.8**	**25.2**	**30.1**	**28.3**	**33.8**	**36.2**	**37.5**
Newsprint	2.1	3.3	3.7	3.9	3.8	4.1	8.4	9.8	9.4	10.3	11.2	11.2
Coated printing, converting	2.8	3.3	3.2	4.3	4.4	4.5	2.8	3.2	3.1	4.2	4.6	4.6
Book paper, uncoated	2.1	2.6	2.3	3.0	10.1	11.1	2.1	2.7	2.4	3.2	10.6	11.7
Other printing, writing, etc.	4.2	5.1	5.5	6.6			4.3	5.3	5.3	6.6		
Packaging and industrial converting	5.0	5.4	4.6	5.4	5.8	5.8	4.8	5.3	4.3	5.2	5.8	5.7
Tissue and other mach. creped	2.9	3.8	4.0	4.3	4.2	4.5	2.9	3.8	3.9	4.3	4.2	4.5
Paperboard[2]	**20.8**	**25.5**	**24.8**	**29.0**	**30.3**	**31.6**	**19.7**	**23.4**	**22.8**	**26.7**	**27.9**	**29.0**
Unbleached kraft	7.8	11.6	11.5	13.7	14.4	15.2	6.9	9.9	10.5	12.4	12.9	13.6
Bleached kraft	2.3	3.4	3.3	3.7	4.0	4.0	2.2	3.3	3.1	3.3	3.5	3.6
Semichemical	2.7	3.4	3.7	4.3	4.4	4.7	2.6	3.4	3.6	4.1	4.4	4.7
Recycled furnish	8.1	7.0	6.2	7.3	7.5	7.7	8.0	6.9	6.2	7.3	7.5	7.7
Construction paper and board	**3.9**	**4.3**	**4.6**	**5.5**	**5.8**	**5.6**	**4.1**	**4.4**	**4.7**	**5.8**	**6.2**	**6.0**

[1] Compiled from U.S. Bureau of the Census reports. [2] Consumption data adjusted for net *exports of converted* products. [3] Includes *wet machine* board, not shown separately.

Source: American Paper Institute, New York, N.Y., *The Statistics of Paper and Paperboard*, annual.

No. 1305. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1960 to 1979

[In thousands of short tons, except price. See also *Historical Statistics, Colonial Times to 1970*, series L 192–198]

COUNTRY AND ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Canada:										
Production	6,739	7,720	8,607	9,140	9,548	7,679	8,915	8,988	9,713	9,600
Shipments from mills	6,752	7,747	8,592	9,199	9,597	7,727	*8,712*	*9,005*	*9,792*	*9,625*
Stocks at mills, end of year	140	150	236	193	143	95	299	282	203	178
United States: [1]										
Total estimated consumption, all users [2]	6,962	8,016	9,119	10,784	10,284	9,254	9,611	10,230	10,874	11,240
Production [3]	2,038	2,245	3,464	3,738	3,561	3,690	3,736	3,870	3,768	4,096
Shipments from mills [3]	2,031	2,248	3,457	3,742	3,560	3,690	3,728	3,866	3,779	4,100
Stocks, end of year: At mills [3]	26	19	33	23	25	21	29	34	22	18
At and in transit to publishers	628	573	749	603	827	734	921	796	728	692
Imports [4]	5,412	6,323	6,635	7,410	7,399	5,847	6,569	6,559	7,484	7,223
Producer price index (1967=100)	96.1	94.6	107.6	122.2	151.2	184.0	198.2	215.4	226.3	249.4

[1] Excludes Alaska and Hawaii, except as noted. [2] Based on Newspaper Publishers Association sample of publishers. *See also table 1007.* [3] Beginning 1965, includes Alaska and Hawaii. [4] Source: Reports of U.S. Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.

Source: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business, May 1980*. Data from American Newspaper Publishers Association, Reston, Va., and American Paper Institute, Inc., New York, N.Y.

NO. 1306. WOODPULP—NEW SUPPLY AND CONSUMPTION: 1960 TO 1979

[**In million of short tons.** 1960 excludes Hawaii. See also *Historical Statistics, Colonial times to 1970,* series L 169-170]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total new supply [1]	**26.6**	**35.7**	**44.0**	**48.1**	**50.0**	**49.7**	**43.6**	**48.9**	**50.4**	**51.1**	**54.1**
Production, total [2]	25.3	34.0	43.5	46.8	48.3	48.3	43.1	47.7	49.1	49.7	52.7
Sulphate	14.6	21.5	29.5	31.8	33.0	33.0	29.2	32.8	34.2	35.2	38.0
Groundwood [3]	3.3	3.6	4.4	4.6	4.7	4.7	4.4	4.6	4.9	4.8	4.4
Imports	2.4	3.1	3.5	3.7	4.0	4.1	3.1	3.7	3.9	4.0	4.3
Exports	1.1	1.4	3.1	2.3	2.3	2.8	2.6	2.5	2.6	2.6	2.9
Consumption in paper and board [2]	25.7	34.0	43.2	47.3	48.8	48.3	42.4	47.5	48.5	49.6	51.7

[1] Production plus imports, less exports. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports,* through 1978. Production includes other, not shown separately. [3] Beginning 1975, includes thermochemical pulp.

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper and Paperboard,* annual, and *Monthly Statistical Summaries.*

NO. 1307. WASTEPAPER UTILIZATION AND RECOVERY RATES: 1960 TO 1979

[**In millions of short tons, except percent.** Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper utilization is the ratio of wastepaper consumption at paper and board mills to paper and board production. See *Historical Statistics, Colonial Times to 1970,* series L 175, for U.S. wasterpaper consumption]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Paper and board, production	[1] 34.4	[1] 44.1	[1] 53.5	61.9	61.1	52.8	60.5	62.0	64.3	67.0
Wastepaper consumption	[1] 9.0	[1] 10.2	11.8	14.1	14.0	11.7	13.6	14.1	14.8	15.4
Wastepaper utilization rate (percent)	26.2	23.1	22.1	22.8	22.9	22.2	22.5	22.7	23.0	23.0
Other wastepaper uses [1]	.20	.20	.20	.48	.48	.50	.63	.84	.43	.50
Wastepaper exports [2]	.15	.29	.41	.68	1.31	.86	1.27	1.51	1.60	2.10
Total wastepaper recovered	9.3	10.6	12.3	15.2	15.7	13.1	15.4	16.3	16.8	18.0
Paper and board, new supply	[1] 39.1	[1] 49.1	[1] 57.9	67.3	65.5	56.0	64.3	66.4	70.4	72.7
Recovery rate (percent)	*23.8*	*21.5*	*21.2*	*22.6*	*23.9*	*23.3*	*23.9*	*24.6*	*23.9*	*24.8*

[1] Estimated.
[2] Source: U.S. Bureau of the Census.

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper and Paperboard,* annual, and unpublished data.

NO. 1308. TURPENTINE AND ROSIN—PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION: 1960 TO 1979

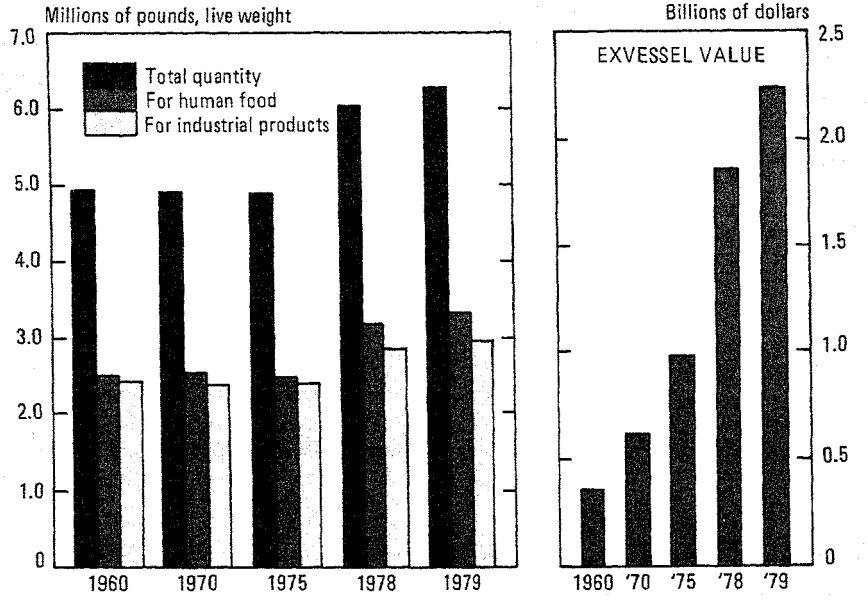
[For years beginning **April 1. Except as indicated, turpentine in thousands of 50-gallon barrels and rosin in thousands of drums** (520 pounds net weight for wood; 517 pounds for gum). See *Historical Statistics, Colonial Times to 1970,* series L 176 and L 177, for total production]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Turpentine:										
Production	604.8	700.7	575.8	530.6	487.0	447.6	482.2	477.1	507.7	527.8
Gum	119.0	111.4	25.8	21.4	15.6	20.7	17.4	14.5	9.7	6.7
Wood	485.8	589.3	550.0	509.2	471.4	426.9	464.8	462.6	498.0	521.1
Value of production ($1,000)	*2,849*	*3,091*	*1,550*	*883*	*1,084*	*1,640*	*1,278*	*1,035*	*784*	*686*
Price per gallon (dol.)	.479	.555	1.200	.806	1.389	1.585	1.427	1.425	1.610	2.036
Imports	15.6	18.0	24.1	33.6	29.7	58.6	16.3	7.9	7.1	7.8
Exports	81.8	45.1	39.7	30.7	16.3	4.2	20.3	19.4	15.3	13.5
Gum	23.2	21.5	6.1	3.2	2.1	1.5	2.1	.9	.6	.6
Wood	58.6	23.6	33.5	27.5	14.2	2.7	18.2	18.5	14.7	12.9
Industrial consumption	376.8	535.6	536.2	443.1	439.7	423.5	480.6	473.3	505.3	504.3
Gum	3.5	8.2	3.1	1.9	2.0	2.2	1.8	1.7	1.5	1.1
Wood	373.2	527.4	533.1	441.4	437.7	421.2	478.8	471.5	503.7	503.2
Rosin:										
Production	*2,010*	*2,067*	*1,656*	*1,584*	*1,306*	*1,088*	*1,357*	*1,301*	*1,339*	*1,363*
Gum	370	361	88	74	54	72	61	51	35	24
Wood	1,640	1,706	1,568	1,510	1,252	1,016	1,296	1,250	1,304	1,339
Value of production ($1,000)	27,787	19,352	6,818	8,737	10,106	9,338	7,971	6,702	4,925	4,385
Price per 100 lb. net (dol.)	14.52	10.36	15.03	22.72	35.92	25.15	24.46	25.35	27.54	35.05
Imports	(z)	1	(z)	106	162	21	25	31	55	52
Exports	628	541	570	424	268	174	280	215	328	396
Gum	157	81	124	26	18	13	15	14	18	18
Wood	471	460	446	398	250	161	265	201	310	378
Industrial consumption	1,409	1,536	1,462	1,271	1,103	1,046	1,203	1,074	1,168	1,065
Gum	*258*	*136*	*121*	*100*	*110*	*104*	*56*	*74*	*64*	*41*
Wood	1,151	1,400	1,341	1,171	993	942	1,146	1,000	1,104	1,024

Z Less than 500. [1] Preliminary.

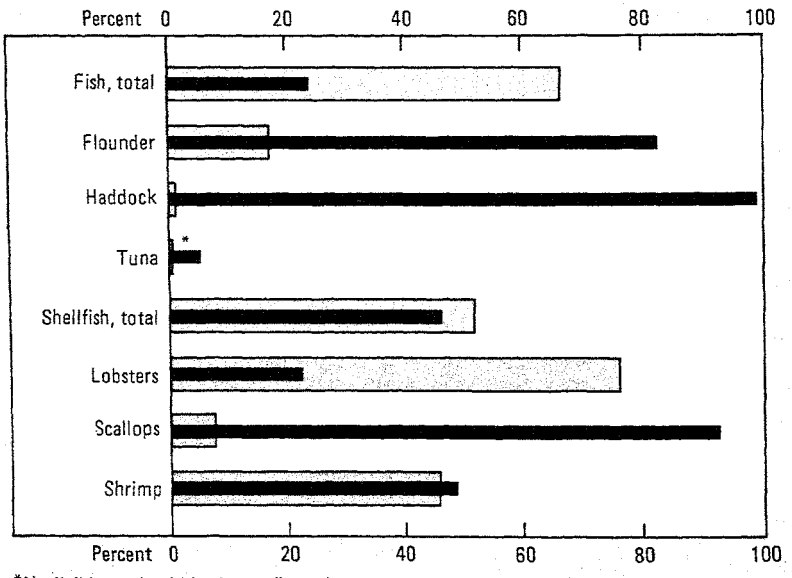
Source: U.S. Department of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics,* annual, and *Naval Stores,* annual summary.

Figure 26.1
Quantity and Value of Domestic Catch: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1309.

Figure 26.2
U.S. Catch of Fish and Shellfish, by Distance Caught Off U.S. Shores: 1979



*Negligible catch within three miles or less.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1319.

Section 26

Fisheries

This section presents statistics on commercial fishing and the fish processing industry. The principal sources of these data are *Fishery Statistics of the United States,* and *Fisheries of the United States,* both issued annually by the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA).

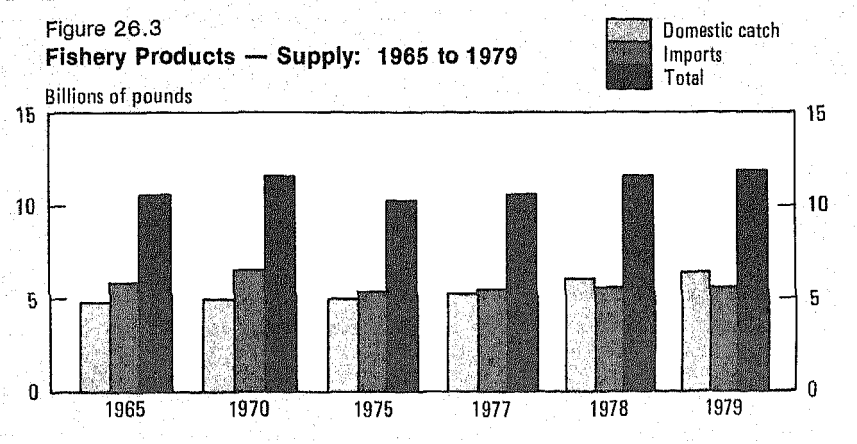
The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports include quantity and value of commercial landings of fish and shellfish (by species, region, State, and type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual output of canned, packaged, and industrial products and, for the wholesaling and fish processing establishments, annual and seasonal employment, and number of firms, by product and State. Annual data are published on foreign trade in fishery products and per capita consumption of edible fishery products.

The Fishery Conservation and Management Act of 1976 established a Fisheries Conservation Zone (FCZ) which gives the Federal Government exclusive authority over domestic and foreign fisheries within 200 nautical miles of U.S. shores and over certain living marine resources beyond the FCZ. Within the FCZ, the total allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by U.S. vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see *Fisheries of the United States, 1979.* The NMFS collects and disseminates data on catches by foreign fishing vessels in the FCZ.

The catch value as presented in various tables is "ex-vessel," or value at the dock. It represents the price received by fishermen and vessel owners for fish, shell-fish, etc.

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

Figure 26.3
Fishery Products — Supply: 1965 to 1979



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

No. 1309. Fisheries—Quantity and Value of Domestic Catch: 1940 to 1979

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 224-226, L 229, and L 310]

YEAR	QUANTITY (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)	YEAR	QUANTITY (mil. lb.) [1]			Ex-vessel value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products [2]				Total	For human food	For industrial products [2]		
1940	4,060	2,675	1,385	99	2.4	1972	4,806	2,435	2,371	*748*	*15.6*
1945	4,598	3,167	1,431	270	5.9	1973	4,858	2,398	2,460	937	19.3
1950	4,901	3,307	1,594	347	7.1	1974	4,967	2,496	2,471	*932*	*18.7*
1955	4,809	2,579	2,230	339	7.1	1975	4,877	2,465	2,412	977	20.0
1960	4,942	2,498	2,444	354	7.2	1976	5,388	2,775	2,613	1,349	25.0
1960	4,942	2,498	2,444	354	7.2	1977, prel.	5,198	2,900	2,298	1,515	29.1
1965	4,777	2,587	2,190	446	9.3	1978, prel.	6,028	3,177	2,851	1,854	30.7
1970	4,917	2,537	2,380	613	12.5	1979, prel.	6,267	3,318	2,949	2,234	35.6
1971	5,018	2,441	2,577	651	13.0						

[1] Live weight. [2] Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1310. Fisheries—Employment, Fishing Craft, and Establishment: 1950 to 1978

[**In thousands.** As of **Dec. 31.** Data for employment and establishments exclude Alaska. See also *Historical Statistics, Colonial Times to 1970*, series L 254-261]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.
Persons employed in U.S	**263**	**241**	**224**	**215**	**227**	**243**	**253**	**260**	**266**	**269**	**257**
Fishermen	161	144	130	129	140	149	161	168	174	173	172
Shore workers [1]	102	97	94	87	87	94	92	92	92	96	85
Craft used	**92**	**83**	**77**	**80**	**88**	**90**	**101**	**103**	**103**	**104**	**104**
Vessels, 5 net tons and over	11	12	12	12	14	15	16	16	17	11	16
Motorboats	46	58	57	64	72	72	83	85	84	84	84
Other boats	35	13	8	3	2	2	2	2	2	2	2
Fishery shore establishments	**3.9**	**4.1**	**4.2**	**4.2**	**3.7**	**3.6**	**3.5**	**3.6**	**3.6**	**3.6**	**3.3**

[1] Seasonal average.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1311. Fisheries—Fishermen and Craft, 1976, and Catch, 1977 and 1978, by Areas

[See *Historical Statistics, Colonial Times to 1970*, series L 236-253, for data on quantity and ex-vessel value of catch]

AREA	1976 [1]			1977		1978					
	Fishermen (1,000)	Fishing vessels	Fishing boats [2] (1,000)	Total catch (mil. lb.)	Value (mil. dol.)	Catch (mil. lb.)			Value of catch (mil. dol.)		
						Total	Fin-fish	Shell-fish	Total	Fin-fish	Shell-fish
United States	[3] **173.6**	[3] **16,868**	[3] **85.9**	**5,198**	**1,515**	**6,028**	**4,858**	**1,170**	**1,854**	**871**	**983**
New England States	30.5	855	15.6	581	203	661	582	79	256	125	131
Middle Atlantic States	17.7	580	12.5	214	70	201	145	56	79	24	55
Chesapeake Bay States	25.0	1,939	15.4	669	86	599	485	114	94	20	74
South Atlantic States	10.6	1,421	6.0	345	72	399	324	75	96	44	52
Gulf States	28.1	5,193	10.0	1,477	405	2,287	1,964	323	473	110	363
Pacific Coast States	48.4	7,193	13.8	1,777	650	1,741	1,221	*520*	*821*	*515*	*306*
Great Lakes States	1.1	194	.5	65	9	68	68	(z)	10	10	(z)
Mississippi River States	11.7	-	11.0	55	11	58	*55*	*3*	*13*	*12*	*1*
Hawaii	2.7	101	1.3	15	9	14	14	(z)	12	11	1

- Represents zero. Z Less than 500,000 pounds or $500,000. [1] As of Dec. 31. [2] Refers to craft having capacity of less than 5 net tons. [3] Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual

No. 1312. Fishery Products—Supply: 1960 to 1979

[Live weight, in millions of pounds, except percent. 1977–1979 preliminary. See *Historical Statistics, Colonial Times to 1970*, series L 224–226, for domestic catch]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**8,223**	**10,535**	**11,474**	**10,378**	**9,875**	**10,164**	**11,593**	**10,579**	**11,509**	**11,831**
For human food	4,264	5,163	6,213	7,109	6,638	6,394	7,404	7,414	8,135	8,251
Finfish	(NA)	(NA)	(NA)	(NA)	4,971	4,848	5,657	5,589	6,263	6,324
Shellfish [1]	(NA)	(NA)	(NA)	(NA)	1,667	1,546	1,747	1,825	1,872	1,927
For industrial use	3,959	5,372	5,261	3,269	3,237	3,770	4,189	3,165	3,374	3,580
Domestic catch	**4,942**	**4,777**	**4,917**	**4,858**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**
Percent of total	60.1	45.3	42.8	46.8	50.2	47.9	46.5	49.1	52.4	53.0
For human food	2,498	2,587	2,537	2,398	2,496	2,465	2,775	2,900	3,177	3,318
Finfish	(NA)	(NA)	(NA)	(NA)	1,522	1,548	1,776	1,781	2,018	2,204
Shellfish [1]	(NA)	(NA)	(NA)	(NA)	974	917	999	1,119	1,159	1,114
For industrial use	2,444	2,190	2,380	2,460	2,471	2,412	2,613	2,298	2,851	2,949
Imports [2]	**3,281**	**5,758**	**6,557**	**5,520**	**4,908**	**5,287**	**6,205**	**5,381**	**5,481**	**5,564**
Percent of total	39.9	54.7	57.2	53.2	49.8	52.1	53.5	50.9	47.6	47.0
For human food	1,766	2,576	3,676	4,709	4,142	3,929	4,629	4,514	4,958	4,933
Finfish	(NA)	(NA)	(NA)	(NA)	3,449	3,300	3,881	3,808	4,245	4,120
Shellfish	(NA)	(NA)	(NA)	(NA)	693	629	748	706	713	813
For industrial use [3]	1,515	3,182	2,881	811	766	1,358	1,576	867	523	631

NA Not available. [1] For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell, is reported. [2] Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [3] Fish meal and sea herring.

No. 1313. Fisheries—Disposition of Domestic Catch: 1950 to 1979

[Live weight catch in millions of pounds. Prior to 1960, excludes Hawaii. 1977–1979 preliminary. In addition to whole fish, a large portion of waste (400–500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. See *Historical Statistics, Colonial Times to 1970*, series L 305–310, for similar but not entirely comparable data]

DISPOSITION	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**4,884**	**4,794**	**4,942**	**4,777**	**4,917**	**4,858**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**
Fresh and frozen	1,692	1,568	1,631	1,751	1,595	1,685	1,660	1,744	1,802	2,025	2,237	2,394
Canned	1,720	1,039	1,043	1,042	1,150	882	1,005	907	918	1,078	1,099	1,046
Cured	100	86	82	76	71	91	69	55	55	55	52	94
Reduced to meal, oil, etc	1,372	2,101	2,186	1,908	2,101	2,200	2,233	2,171	2,613	2,040	2,640	2,733

No. 1314. Fisheries, Selected Countries—Commercial Catch, 1970 to 1978, and Catch Per Capita, 1975

[In billions of pounds, live weight, except per capita. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals. Data from Food and Agriculture Organization of the United Nations. World total includes countries not shown separately]

COUNTRY	1970	1975		1977	1978, prel.	COUNTRY	1970	1975		1977	1978, prel.
		Total	Per capita (lb.)					Total	Per capita (lb.)		
World total	**153.4**	**154.1**	**28.9**	**159.0**	**157.6**	Indonesia	2.8	3.0	20.9	3.5	3.6
						Philippines	2.2	3.0	74.5	3.3	3.4
United States	6.1	6.0	35.1	6.8	7.7	Spain	3.3	3.4	84.9	3.1	3.0
Japan	20.5	23.2	164.7	23.7	23.7	Iceland	1.2	2.2	147.3	3.0	3.5
Soviet Union	16.0	21.9	61.5	20.6	19.7	Chile	2.6	2.0	33.3	3.0	3.7
Norway	6.6	5.6	104.1	7.6	5.8	Canada	3.1	2.3	36.6	2.8	3.1
Peru	27.8	7.6	33.1	5.6	7.4						
						Vietnam (est.)	[1] 1.1	2.2	58.0	2.2	2.2
India	3.8	5.1	7.5	5.1	5.2	Brazil (est.)	1.1	1.8	16.1	1.6	1.9
Korea, Rep. of	2.1	4.7	81.6	5.3	5.2	France	1.7	1.8	47.4	1.7	1.8
Denmark	2.7	3.9	76.3	4.0	3.8	Poland	1.0	1.8	48.7	1.4	1.3
Thailand	3.2	3.4	44.8	4.8	5.0	South Africa	3.4	1.4	19.6	1.3	1.4
Korea, D.P.R. (est.)	1.8	1.8	63.1	3.5	3.5	United Kingdom	2.4	1.1	39.5	2.2	2.3

[1] Pertains only to South Vietnam.

Source of tables 1312–1314: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1315. Fisheries—Catch and Value of Principal Species: 1965 to 1979

[Catch in live weight, except as indicated. Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. 1977–1979 preliminary]

Species	Catch (mil. lb.)						Value (mil. dol.)					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Fish:												
Cod, Atlantic	36	53	56	76	87	99	3	6	13	17	22	29
Flounder	180	169	162	170	181	209	18	23	44	59	73	83
Haddock	134	27	16	28	39	42	14	6	5	9	13	18
Halibut	40	35	21	18	18	21	9	9	16	17	19	35
Herring, sea	110	79	131	156	154	209	2	2	6	12	17	47
Jack mackerel	67	47	37	110	68	35	2	2	2	6	4	2
Menhaden	1,726	1,837	1,803	1,796	2,595	2,604	27	34	49	68	98	109
Ocean perch, Atlantic	84	55	32	35	36	34	3	3	3	5	6	7
Pollock	12	9	21	29	43	41	1	1	2	4	7	7
Salmon, Pacific	327	410	202	336	404	536	65	99	107	222	255	413
Tuna	319	393	393	345	409	364	42	75	107	136	177	158
Whiting	83	45	42	45	51	35	2	4	4	4	7	6
Shellfish:												
Clams (meats)	71	99	113	96	88	92	17	29	43	74	74	79
Crabs	335	277	306	399	449	489	31	39	81	203	285	284
Lobsters, American	30	34	30	32	34	37	22	33	51	58	65	72
Oysters (meats)	55	54	53	46	51	48	28	29	45	53	61	66
Scallops (meats)	23	11	14	28	33	34	15	12	23	46	82	112
Shrimp	244	367	347	477	423	336	82	130	226	355	386	472

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1316. Prices Received by Fishermen and Vessel Owners: 1965 to 1979

[**Cents per pound. Live weight.** 1977–1979 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970*, series L 321–337]

Species	Point of pricing	1965	1970	1973	1974	1975	1976	1977	1978	1979
Clams, soft	Maine	49.1	47.5	78.5	76.4	86.9	101.6	118.3	124.3	144.6
Cod	Massachusetts	9.4	13.1	18.5	19.6	24.2	26.3	22.6	25.4	29.3
Crabs, blue	Maryland, Virginia	7.6	6.6	12.1	12.7	15.7	21.4	20.1	20.5	19.1
Flounder	Massachusetts	9.5	15.3	23.7	26.5	34.9	39.9	41.7	50.5	47.2
Haddock	Massachusetts	10.2	25.8	38.1	36.9	32.8	43.0	31.9	31.9	42.6
Lobsters, American	Maine	75.2	94.7	136.5	141.0	161.6	153.9	173.6	177.1	180.3
Menhaden	(No specific point)	1.6	1.8	3.9	3.3	2.7	3.3	3.8	3.8	4.2
Ocean perch	Maine, Massachusetts	4.1	4.9	7.7	8.1	10.3	13.7	15.3	17.1	21.0
Oysters, eastern	Maryland, Virginia	78.6	61.1	66.0	70.1	80.1	103.7	110.7	110.7	123.8
Salmon, chinook	(No specific point)	37.1	55.4	85.8	64.2	85.9	122.3	137.6	133.8	173.5
Salmon, coho	(No specific point)	26.8	39.3	78.4	67.8	77.6	104.3	107.4	118.6	142.5
Sea scallops	New Bedford, Mass	67.5	135.6	177.6	154.2	186.8	184.0	165.8	253.5	340.3
Shrimp	So. Atlantic, Gulf	36.6	47.6	96.0	73.3	107.0	131.3	113.3	130.6	185.4
Tuna, *albacore*	(No specific point)	15.7	26.7	41.2	38.5	33.3	46.2	56.7	60.6	64.7

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen*, H.S. No. 12 (C.F.S. No. 4657 Revised), *Fishery Statistics of the United States*, annual, and *Fisheries of the United States, annual.*

No. 1317. Commercial Fishery Products—Per Capita Consumption: 1950 to 1979

[**Pounds of edible meat.** 1977–1979 preliminary. Based on U.S. Bureau of the Census estimates of the civilian resident population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series L 294–304]

Product	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total	11.8	10.5	10.3	10.8	11.8	12.5	12.9	12.2	12.3	13.1	12.9	13.6	13.3
Fresh and frozen	6.3	5.9	5.7	6.0	6.9	7.2	7.5	7.0	7.6	8.3	7.9	8.2	8.0
Fish [1]	4.7	4.2	3.8	3.8	4.5	4.8	5.2	4.5	5.0	5.6	5.2	5.6	5.5
Shellfish	1.6	1.7	1.9	2.2	2.4	2.4	2.3	2.5	2.6	2.7	2.7	2.6	2.5
Canned	4.9	3.9	4.0	4.3	4.5	4.9	5.0	4.8	4.3	4.3	4.6	5.1	4.9
Tuna	1.1	1.4	2.0	2.3	2.5	2.9	3.1	3.1	2.9	2.9	2.9	3.3	3.3
Salmon	1.4	1.0	.7	.9	.7	.7	.4	.3	.4	.4	.5	.6	.5
Shellfish	.4	.4	.4	.5	.5	.5	.5	.6	.4	.4	.6	.5	.5
Sardines	1.4	.6	.4	.3	.4	.4	.5	.4	.2	.3	.3	.3	.3
Other	.6	.5	.5	.3	.4	.4	.5	.4	.4	.3	.3	.4	.3
Cured	.6	.7	.6	.5	.4	.4	.4	.4	.4	.5	.4	.3	.4

[1] Beginning 1973, includes consumption of artificially cultivated catfish.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1318. Catch, Catch Limits, and Principal Species Caught by Countries in the U.S. Fishery Conservation Zone (FCZ), by Country: 1978 and 1979

[**In millions of pounds live weight.** 1979 preliminary. Excludes tuna. (In 1978, U.S. domestic catch of tuna in FCZ was 49 mil. lb., in 1979, 28 mil. lb). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, p. 741, and source]

COUNTRY	ACTUAL CATCH		ALLOCATION		Principal species caught
	1978	1979	1978	1979	
Total catch in FCZ	**5,281**	**5,388**	(X)	(X)	**Pollock, menhaden, whiting.**
U.S	1,414	1,771	(X)	(X)	Pollock, menhaden, Atlantic cod.
Foreign	3,867	3,617	(X)	4,634	(X).
Japan	2,610	2,445	2,757	2,657	Pollock, flounder, Pacific cod.
U.S.S.R	823	623	1,286	1,191	Whiting, Alaska pollock, flounder.
Korea, Rep. of	222	281	250	331	Pollock, Pacific cod, flounder.
Poland	63	125	118	194	Herring, whiting, squid.
Canada	91	58	(2)	(X)	Scallops, Atlantic cod, haddock.
Spain	30	25	49	53	Squid, whiting, butterfish.
Italy	12	15	19	21	Squid, butterfish, hake.
Ireland	(X)	(Z)	(X)	2	Squid, herring, mackerel.
Mexico	9	41	65	102	Squid, butterfish, pollock.
China (Taiwan)	7	4	14	16	Pollock, Pacific cod, flounder.
Romania	(Z)	(Z)	4	4	Mackeral (Atl.), whiting, squid.

X Not applicable. Z Less than 500,000. [1] Includes countries not shown separately. [2] No allocation set to date.

No. 1319. U.S. Catch and Value of Fish and Shellfish, by Distance Caught Off U.S. Shores—Selected Species: 1979

[Preliminary. Catch is shown in live weight, except as indicated. Includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States]

SPECIES	Total U.S. catch [1] (mil. lb.)	BY DISTANCE FROM U.S. SHORES						Value of U.S. catch [1] (mil. dol.)	PERCENT OF TOTAL VALUE, BY DISTANCE CAUGHT OFF U.S. SHORES		
		Catch (mil. lb.)			Percent of U.S. catch						
		3 miles or less [2]	3 to 200 miles	Over 200 mi.	3 miles or less [2]	3 to 200 miles	Over 200 mi.		3 miles or less [2]	3 to 200 miles	Over 200 mi.
Fish, total [3]	**5,276.1**	**3,518.5**	**1,268.2**	**189.4**	**66.7**	**24.0**	**9.3**	**1,170.8**	**54.9**	**28.2**	**16.9**
Cod, Atlantic	*99.4*	*5.7*	*93.7*	–	*5.7*	*94.3*	–	*28.6*	*5.9*	*94.1*	–
Flounder	209.2	35.6	173.5	.1	17.0	82.9	.1	82.7	17.3	82.7	(Z)
Haddock	41.9	.4	41.5	–	1.0	99.0	–	17.7	1.0	99.0	–
Halibut	21.4	10.1	11.3	–	47.2	52.8	–	34.6	47.0	53.0	–
Herring, sea	209.0	189.0	21.0	–	90.0	10.0	–	46.7	97.0	3.0	–
Jack mackerel	35.2	4.9	30.3	–	13.9	86.1	–	2.5	12.0	88.0	–
Menhaden	2,604.5	2,341.2	263.3	–	89.9	10.1	–	109.4	89.9	10.1	–
Ocean perch	41.3	.1	40.8	.4	.4	98.6	1.0	8.6	.4	98.6	1.0
Salmon, Pacific	536.1	512.8	23.3	–	95.7	4.3	–	412.8	89.2	10.8	–
Tuna	508.2	.7	27.6	479.9	.2	5.4	94.4	215.2	.4	9.2	90.4
Whiting	35.3	7.2	28.1	–	20.5	79.5	–	5.8	19.8	80.2	–
Shellfish [3]	**1,148.7**	**598.6**	**530.8**	**19.3**	**52.1**	**46.2**	**1.7**	**1,142.8**	**42.9**	**54.2**	**2.9**
Clams (meats)	92.1	31.4	60.7	–	34.1	65.9	–	79.2	66.9	33.1	–
Crabs	489.2	240.7	248.5	–	49.2	50.8	–	284.2	35.9	64.1	–
Lobsters	43.5	33.2	9.6	.7	76.3	22.1	1.6	85.1	74.4	23.8	1.8
Scallops (meats)	34.1	2.6	31.5	–	7.5	92.5	–	111.8	8.4	91.6	–
Shrimp [4]	349.9	160.5	170.8	18.6	45.9	48.8	5.3	494.7	36.0	57.6	6.4

– Represents zero. Z Less than .05 percent. [1] Includes catch from international waters or off foreign shores. [2] Includes all landings in Great Lakes and other inland waters. [3] Includes other species not shown separately. [4] Includes landings at Gulf Coast and foreign ports.

No. 1320. Supply of Tuna, Salmon, and Sardines: 1965 to 1979

[**In million of pounds.** 1979 preliminary]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Tuna: Domestic landings, live weight	373	478	519	557	570	665	469	566	508
Imports, fresh and frozen, live weight	379	465	817	839	517	641	670	862	800
Canned tuna, total supply	410	510	675	714	582	658	583	757	675
From domestic landings	162	204	224	250	261	287	207	257	219
From imported fresh and frozen	197	234	412	411	269	312	341	448	402
Imported canned	51	72	39	53	52	59	35	52	54
Canned salmon, for U.S. consumption	150	168	63	89	58	108	131	132	101
Domestic pack	174	183	72	88	78	125	151	164	151
Exports	25	17	17	8	23	20	21	33	51
Canned sardines, total supply	75	66	91	94	57	79	74	75	80
Maine sardines	30	19	23	25	26	25	23	26	30
Imports	45	47	67	69	31	54	50	49	50

Source of tables 1318-1320: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1321. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1960 to 1978

[Catch in millions of pounds, *live weight*, except as indicated; ex-vessel value in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

Area, state, catch, and value	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.
New England:									
Catch	852	702	531	518	523	498	547	581	661
Value	61	75	91	117	124	154	174	203	256
Maine: Catch	295	205	159	143	148	138	178	182	190
Value	20	22	31	43	41	48	54	62	69
New Hampshire: Catch	1	1	1	2	3	3	3	4	5
Value	(Z)	1	1	1	1	1	1	2	2
Massachusetts: Catch	480	442	287	269	270	274	289	319	377
Value	36	46	47	56	62	83	96	114	152
Rhode Island: Catch	69	49	79	97	97	79	72	72	84
Value	4	5	11	15	17	19	21	23	29
Connecticut: Catch	6	5	5	7	5	4	5	4	5
Value	1	2	2	2	3	3	2	2	4
Catch for certain species:									
Cod	35	35	53	50	58	55	55	75	86
Flounder	62	112	104	88	81	77	80	88	87
Haddock	119	134	27	8	8	16	13	28	39
Herring, sea	155	75	66	57	71	79	110	112	111
Lobster, American	29	29	30	26	26	29	30	30	34
Ocean perch, Atlantic	141	84	55	54	41	32	32	35	36
Pollock	22	12	9	15	20	21	24	29	39
Whiting	104	75	40	34	20	33	37	33	35
Middle Atlantic:									
Catch	784	356	140	257	211	188	269	213	201
Value	22	25	30	42	44	50	69	70	79
New York: Catch	126	147	32	36	35	37	35	32	36
Value	9	12	16	22	25	28	32	31	34
New Jersey: Catch	374	160	98	210	167	144	227	179	164
Value	10	11	13	18	17	20	35	38	44
Delaware: Catch	284	48	10	11	9	7	7	2	1
Value	3	1	1	2	2	2	2	1	1
Catch for certain species:									
Clams (meats)	32	52	63	41	42	53	43	50	43
Menhaden	671	151	31	156	108	67	151	98	83
Oysters (meats)	1	1	1	3	3	3	4	2	2
Scup	27	17	4	6	10	10	9	9	11
Chesapeake Bay:									
Catch	436	592	630	701	597	509	587	668	599
Value	35	40	41	62	58	56	74	66	94
Maryland: Catch	69	87	80	70	70	64	58	60	60
Value	14	13	19	21	22	23	31	31	33
Virginia: Catch	367	505	551	631	530	445	529	608	539
Value	21	27	22	41	36	33	43	55	61
Catch for certain species:									
Alewives	19	38	21	11	15	12	4	1	2
Clams (meats)	8	11	23	53	67	47	24	28	28
Crabs	71	86	70	59	68	62	47	59	54
Menhaden	249	360	450	506	385	322	446	509	426
Oysters (meats)	27	21	25	23	25	23	21	18	22
South Atlantic:									
Catch	379	357	280	240	305	333	318	345	399
Value	20	27	30	57	51	64	74	72	96
North Carolina: Catch	265	234	173	138	207	238	226	252	300
Value	7	9	9	16	18	20	28	29	41
South Carolina: Catch	24	27	16	21	19	20	21	16	21
Value	4	5	4	11	7	13	14	10	16
Georgia: Catch	26	20	14	17	18	18	15	13	17
Value	3	4	4	11	7	12	12	9	14
Florida (east coast): Catch	61	76	76	64	61	57	56	64	61
Value	6	8	12	19	19	19	20	24	25
Catch for certain species:									
Crabs	45	46	43	32	38	31	27	31	47
Menhaden	215	192	136	85	134	167	145	171	206
Shrimp	31	26	21	25	27	25	26	18	20

See footnotes at end of table.

NO. 1321. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1960 TO 1978—Continued

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

AREA, STATE, CATCH, AND VALUE	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.
Gulf States:									
Catch	1,266	1,463	1,698	1,544	1,776	1,654	1,743	1,476	2,287
Value	85	114	167	267	242	271	386	405	473
Florida (west coast): Catch	136	136	116	112	123	116	111	103	110
Value	21	27	31	46	52	57	69	71	73
Alabama: Catch	12	18	30	37	34	31	32	34	30
Value	3	5	10	18	17	21	34	37	35
Mississippi: Catch	314	368	298	268	301	306	288	313	324
Value	8	9	11	17	16	14	21	26	27
Louisiana: Catch	566	787	1,107	1,029	1,223	1,115	1,219	918	1,674
Value	26	37	61	95	86	86	135	138	190
Texas: Catch	238	154	147	98	94	86	93	108	99
Value	28	36	53	91	72	93	127	133	148
Catch for certain species:									
Crabs	36	38	36	46	43	41	39	43	41
Menhaden	841	1,023	1,209	1,074	1,296	1,197	1,238	986	1,809
Mullet	33	34	27	31	28	26	19	16	27
Oysters (meats)	16	19	18	15	15	19	22	18	18
Shrimp	206	195	230	182	186	170	210	266	248
Great Lakes: [1]									
Catch	68	56	72	68	78	62	67	65	68
Value	7	6	6	9	11	9	11	9	10
Superior: Catch	14	9	5	5	6	5	6	5	5
Value	1	1	1	1	2	2	2	2	2
Michigan: Catch	24	27	53	51	60	45	48	48	51
Value	2	2	4	5	6	4	5	2	4
Huron: Catch	6	5	2	2	2	2	2	2	2
Value	1	1	(z)	(z)	(z)	1	1	1	1
Erie: Catch	21	14	10	8	10	8	9	10	10
Value	2	1	1	1	2	2	3	3	3
Pacific Coast:									
Catch	1,061	1,147	1,480	1,433	1,391	1,551	1,771	1,777	1,741
Value	112	148	235	363	381	352	538	651	821
Washington: Catch	113	127	134	144	147	146	142	146	138
Value	16	18	30	69	59	61	72	81	97
Oregon: Catch	49	69	98	92	96	86	95	113	135
Value	6	9	23	30	37	26	40	49	57
California: Catch	541	458	703	731	685	875	917	874	722
Value	50	51	86	112	140	135	187	195	228
Alaska: Catch	358	492	545	466	463	445	617	644	746
Value	41	70	96	152	145	130	239	326	439
Catch for certain species:									
Anchovies	5	6	193	278	177	329	264	232	35
Bonito	1	6	9	31	19	32	9	23	8
Crabs	65	161	126	154	174	164	222	260	301
Flounder	48	46	46	55	54	57	62	52	63
Halibut	51	40	34	26	18	21	18	18	17
Herring, sea	84	35	22	45	56	57	43	44	43
Jack mackerel	75	67	48	21	25	37	45	110	68
Salmon	235	327	410	222	201	202	310	336	404
Shrimp	12	20	93	152	141	140	168	192	154
Tuna	288	296	378	331	381	381	474	329	394
Mississippi River and tributaries:									
Catch	86	85	75	83	68	72	71	55	58
Value	8	8	10	13	14	15	14	11	13
Hawaii:									
Catch	11	20	11	14	11	9	15	15	14
Tuna	9	17	9	12	9	7	12	12	11
Value	3	4	4	6	6	6	9	9	12

Z Less than $500,000. [1] Collected largely by State fishery agencies, and compiled by National Marine Fisheries Service. Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual.

No. 1322. Fresh and Frozen Fishery Products: 1970 to 1979

[Excludes Alaska and Hawaii, except frozen fishery products includes Alaska]

Product	Production (mil. lb.)						Value (mil. dol.)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Fish fillets and steaks[1]	**133.5**	**131.9**	**142.6**	**160.4**	**184.4**	**179.6**	**74.8**	**137.9**	**167.1**	**191.6**	**241.3**	**253.2**
Cod	13.6	15.2	16.6	24.6	27.2	33.3	7.4	14.6	19.0	27.8	35.2	45.5
Flounder	46.7	41.9	48.2	44.6	46.3	47.0	28.7	53.1	72.5	69.7	83.5	87.1
Haddock	8.9	8.2	4.7	14.7	17.4	19.7	6.9	12.3	8.3	21.3	26.2	34.1
Ocean Perch, Atlantic	16.0	8.4	9.4	10.4	9.2	8.6	4.9	5.7	8.1	9.5	9.9	10.1
Whiting	.8	.1	1.0	.8	.8	.5	.3	.1	.6	.5	.5	.4
Other	47.6	58.1	62.7	65.3	83.5	70.5	26.6	52.1	58.6	63.0	86.0	76.0
Frozen fishery products	**388.3**	**299.7**	**321.7**	**345.7**	**309.2**	**268.9**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Fresh and frozen.

No. 1323. Canned Fishery Products—Production and Value: 1970 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series L 338-357 (production data in cases) and L 358]

Product	Production (mil. lb.)						Value (mil. dol.)					
	1970	1975	1976	1977	1978	1979, prel.	1970	1975	1976	1977	1978	1979, prel.
Total	**1,346**	**1,386**	**1,565**	**1,436**	**1,615**	**1,448**	**742**	**1,071**	**1,430**	**1,575**	**1,913**	**1,768**
Salmon	183	78	128	151	164	151	139	115	205	243	249	277
Sardines, Maine	19	26	25	23	26	30	11	25	24	27	36	45
Tuna	438	529	599	548	705	621	381	653	853	907	1,273	1,110
Jack mackerel	8	10	7	31	32	26	2	3	2	12	10	8
Shrimp	25	12	20	25	17	10	37	28	49	71	49	42
Clam products	65	76	64	73	69	76	26	42	39	65	60	63
Crabs	5	3	4	5	5	5	10	10	13	19	22	23
Oysters	2	2	1	1	1	1	2	4	3	3	1	1
Squid	9	8	7	7	8	4	1	2	2	2	2	1
Other	592	642	713	572	588	524	133	189	240	226	211	198

No. 1324. Processed Fishery Products—Summary: 1970 to 1979

[Includes Puerto Rico and American Samoa. See *Historical Statistics, Colonial Times to 1970*, series L 362-365, for meal, scrap, and oil]

Product	Production (mil. lb.[1])						Value (mil. dol.)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Total	(X)	(X)	(X)	(X)	(X)	(X)	**1,727**	**2,655**	**3,473**	**3,692**	**4,467**	**4,480**
Packaged fresh and frozen[2]	**1,158**	**1,113**	**1,248**	[3] **1,239**	[3] **1,344**	[3] **1,328**	**800**	**1,309**	**1,739**	[3] **1,796**	[3] **2,163**	[3] **2,352**
Fish not breaded:												
Fillets and steaks, raw	134	132	143	161	184	187	75	138	167	*192*	*241*	*261*
Dressed	32	55	38	46	51	35	9	43	24	48	61	45
Other[4]	10	26	29	46	50	51	4	22	*29*	*40*	59	*41*
Fish breaded, raw or cooked:												
Sticks	116	91	94	84	94	96	58	62	73	69	87	100
Fillets, portions, and steaks	296	286	335	349	377	392	137	211	277	333	406	428
Shellfish: Not breaded	328	315	389	340	369	364	343	534	798	745	914	1,009
Breaded, raw and cooked	119	128	127	129	143	129	129	220	257	271	325	348
Specialties, fish and shellfish	123	80	93	84	76	73	45	79	114	98	90	122
Canned products[5]	1,346	1,386	1,568	1,436	1,615	1,441	742	1,072	1,430	1,575	1,913	1,752
Fish and shellfish	805	802	907	924	1,076	961	633	920	1,232	1,405	1,748	1,602
Animal food	540	583	660	512	539	480	105	148	196	170	165	150
Cured fish[6]	**71**	**55**	**55**	**49**	**45**	**41**	**77**	**102**	**112**	**120**	**118**	**113**
Salted (inc. spiced, pickled)	37	29	32	21	20	18	30	43	50	43	36	32
Smoked	31	24	*22*	27	*23*	21	43	56	59	76	76	78
Dried (cod) lutefisk	2	2	1	1	2	2	1	1	1	1	6	4
Industrial products[2]	(X)	(X)	(X)	(X)	(X)	(X)	**108**	**173**	**193**	**201**	**251**	**262**
Meal and scrap (mil. tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	46	66	97	97	121	132
Oil (body and liver)	206	246	205	133	296	268	18	33	31	*28*	61	*54*
Fish solubles (mil tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5	9	14	14	22	15
Other	(X)	(X)	(X)	(X)	(X)	(X)	38	67	51	*62*	*47*	*62*

X Not applicable. Z Less than 500,000 tons. [1] Except as indicated. [2] Includes products not shown separately. [3] Excludes Alaska. [4] Includes bait and unbreaded portions. [5] Includes salmon eggs for bait. [6] Includes sun-dried and *freeze-dried.*

Source of tables 1322-1324: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1325. FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1960 TO 1979

[Includes Puerto Rico; imports also include landings of tuna by foreign vessels in American Samoa. See also *Historical Statistics, Colonial Times to 1970*, series L 227-235]

YEAR	IMPORTS				EXPORTS			
	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)
		Quantity (mil. lb.)	Value (mil. dol.)			Quantity (mil. lb.)	Value (mil. dol.)	
1960	363	1,095	311	53	44	61	26	19
1965	601	1,399	479	121	70	96	49	20
1970	1,037	1,873	813	225	118	140	94	24
1973	1,583	2,416	1,398	185	299	239	242	57
1974	1,711	2,267	1,495	215	262	178	195	67
1975	1,637	1,913	1,367	270	305	218	267	37
1976	2,332	2,228	1,917	415	385	241	330	55
1977	2,623	2,177	2,079	544	520	331	473	47
1978	3,077	2,411	2,253	823	906	448	832	74
1979, prel.	3,811	2,369	2,668	1,143	1,082	554	1,020	62

NO. 1326. SELECTED FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1970 TO 1979

[Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series L 312-318, for selected imports]

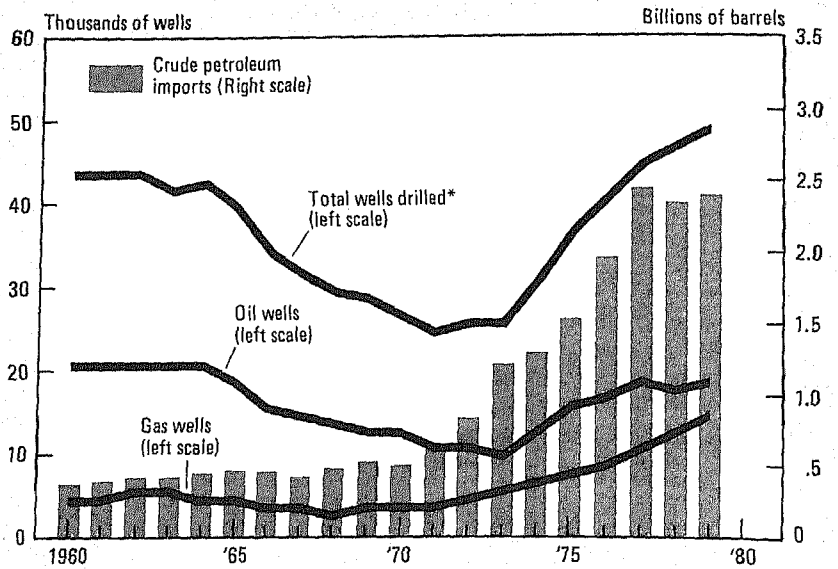
PRODUCT	QUANTITY (mil. lb.)						VALUE (mil. dol.)					
	1970	1975	1976	1977	1978	1979, prel.	1970	1975	1976	1977	1978	1979, prel.
IMPORTS												
Edible:												
Fresh or frozen:												
Whitefish [1]	8.4	8.4	8.2	9.0	11.4	7.6	4.8	5.6	6.1	7.0	8.6	7.4
Halibut [1]	18.2	8.0	7.4	6.5	7.0	4.1	8.1	8.0	9.9	9.1	10.8	7.4
Salmon [1]	7.4	9.2	7.7	5.7	6.6	5.0	6.7	11.5	13.6	10.8	13.6	11.4
Sea herring	103.9	99.2	76.5	70.7	72.0	40.1	1.9	5.1	5.5	8.9	5.5	1.9
Smelt	8.5	8.8	10.5	9.0	10.4	12.6	1.6	3.2	3.8	3.6	4.4	6.0
Tuna	442.8	478.6	607.4	633.3	808.2	753.6	100.5	121.2	249.4	255.3	327.2	321.6
Groundfish fillets, blocks [2]	458.8	513.8	607.0	602.6	639.4	661.1	134.6	278.4	398.6	502.2	565.4	622.3
Other fillets and steaks	136.1	167.6	185.0	180.7	190.6	174.6	63.6	117.3	149.4	160.9	178.7	185.4
Scallops (meats)	16.8	19.7	25.3	29.8	28.4	25.2	19.7	37.2	53.0	53.0	72.8	84.9
Lobster, American and spiny	54.9	58.1	64.4	60.0	56.2	60.7	93.8	188.6	240.7	250.3	256.3	298.5
Shrimp and prawn	214.8	201.5	227.5	225.2	195.5	220.2	196.8	346.2	460.7	488.3	418.4	705.0
Canned:												
Anchovies, in oil	5.5	3.6	4.8	5.4	4.8	3.6	6.3	5.6	8.3	11.2	9.6	7.4
Salmon	2.4	3.3	2.5	.6	.3	.4	1.6	3.9	3.0	1.2	.7	.8
Sardines, in oil	34.1	18.5	26.9	25.7	24.2	22.9	15.8	16.3	23.7	25.0	25.5	27.7
Sardines, herring, not in oil	25.3	24.9	39.1	35.1	32.1	34.0	8.3	15.9	21.3	20.8	22.9	25.8
Tuna	72.3	51.7	58.9	34.6	51.8	53.7	44.3	46.0	67.5	44.7	63.8	65.1
Bonito and yellowtail	1.2	.1	.1	1.4	.4	.4	.5	.1	.1	1.0	.4	.3
Crab meat	2.8	1.4	2.1	3.5	4.1	5.1	5.3	2.9	4.6	8.0	9.5	12.3
Oysters	15.0	12.4	14.4	19.2	23.5	19.1	8.1	8.4	10.7	17.9	24.6	18.3
Lobster, American and spiny	2.5	2.1	2.9	2.9	2.4	1.9	8.0	10.9	13.9	15.6	15.7	11.7
Pickled or salted:												
Cod, haddock, hake, pollock, cusk	41.2	33.6	36.5	35.7	37.6	39.7	13.6	26.8	31.4	33.4	38.3	43.3
Herring	30.6	20.6	30.9	19.5	25.0	17.2	5.4	6.6	10.0	7.0	13.6	9.4
Nonedible scrap and meal	**502.0**	**236.7**	**280.0**	**163.0**	**87.8**	**179.2**	**37.7**	**23.6**	**32.9**	**26.5**	**12.6**	**29.6**
EXPORTS												
Canned salmon	16.8	22.5	19.6	21.3	32.5	50.7	13.1	34.6	33.9	34.0	49.2	91.9
Canned sardines	1.5	2.2	1.8	1.2	1.6	1.6	.7	1.8	1.6	.9	1.5	1.2
Fish oil, nonedible	**158.8**	**191.8**	**179.2**	**90.6**	**222.0**	**198.5**	**15.7**	**27.8**	**29.9**	**18.1**	**42.3**	**39.6**

[1] Excludes fillets. [2] Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting.

Source of tables 1325 and 1326: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

Figure 27.1

Crude Petroleum and Natural Gas — Wells Drilled and Imports: 1960 to 1979

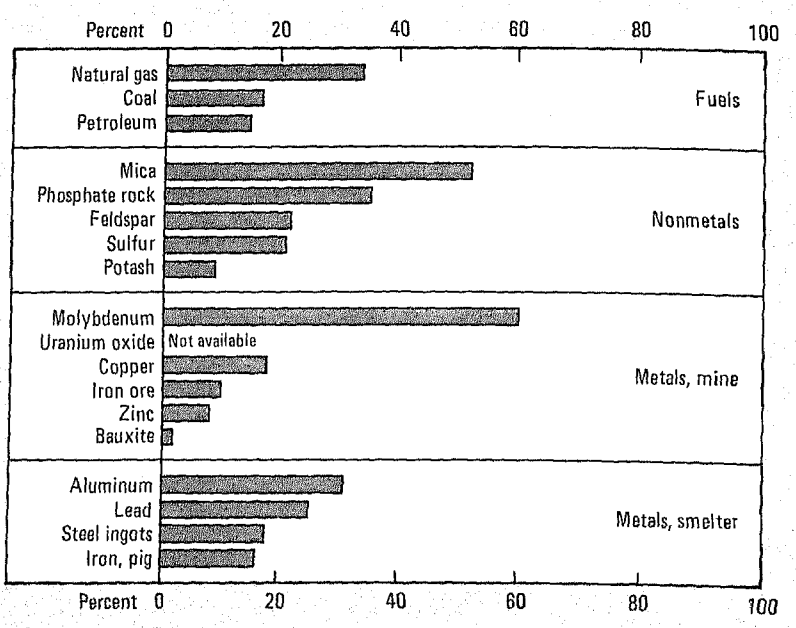


*Includes dry holes.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1352 and 1355.

Figure 27.2

U.S. Mineral Production as Percent of World Total: 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1345.

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Section 27

Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary measures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and mineral products may also be found in sections 29 and 33 of this *Abstract.*

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, natural gas) and quarrying, well operation, milling, and other preparation customarily done at the mine site or as a part of mining activity. (Mineral preparation plants are usually operated together with mines or quarries.) Exploration for minerals is included as is the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook,* published by the Bureau of Mines, Department of the Interior, and various monthly and annual publications of the Energy Information Administration, Department of Energy. In addition, the Bureau of the Census conducts a census of mineral industries every 5 years. Non-government sources include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, D.C.; *Metals Week* and the monthly *Engineering and Mining Journal,* issued by the McGraw-Hill Publishing Co., New York; *The Iron Age,* issued weekly by the Chilton Co., Philadelphia; and the *Joint Association Survey of the U.S. Oil and Gas Industry,* conducted by the American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geological Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications include quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects and publishes data on workhours, employment, and accidents and injuries in the mineral industries, except petroleum and natural gas. In October 1977, fuel data collection activities of the Bureau of Mines were transferred to the Energy Information Administration.

Censuses of mineral industries have been conducted by the Bureau of the Census at various intervals since 1840. Beginning with the 1967 census, legislation provides for a census to be conducted every fifth year for years ending in "2" and "7." The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series. Included in this series, beginning in 1973, is the *Annual Survey of Oil and Gas.*

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1339. Except for crude petroleum, the export and import figures include foreign trade passing through the customs districts of United States and Puerto Rico, but exclude shipments between U.S. territories and the customs districts.

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

No. 1327. Summary of Mineral Operations: 1958 to 1977

[Represents mineral operations only. Beginning 1967, excludes single unit establishments without paid employees. See also *Historical Statistics, Colonial Times to 1970*, series M 1-11]

ITEM	Unit	1958	1963	1967	1972	1977
Establishments	Number	36,392	38,651	28,579	25,269	31,359
With 20 or more employees	Number	6,045	5,499	5,682	5,312	6,632
Including all operations in manufactures	Number	37,966	40,532	29,688	26,178	31,967
Excluding oil and gas extraction	Number	19,444	19,290	13,330	11,680	13,520
Employees, total	1,000	734	616	567	595	799
Production workers [1]	1,000	565	482	433	443	593
Percent of all employees	Percent	77.0	78.2	76.4	74.5	74.2
All other	1,000	169	134	134	152	206
Manhours, production workers [1]	Million	1,081	973	892	909	1,186
Manhours per production workers	1,000	1.9	2.0	2.1	2.1	2.0
Payroll, total	Mil. dol.	3,749	3,743	4,187	6,226	13,167
Wages, production workers [1]	Mil. dol.	2,623	2,680	2,888	4,250	9,082
Salaries, all other employees	Mil. dol.	1,126	1,063	1,299	1,976	4,085
Cost of supplies, etc., and purchased machinery installed	Mil. dol.	7,521	8,974	10,576	14,884	46,079
Value added in mining [2]	Mil. dol.	13,385	15,910	19,330	26,471	67,890
Percent of value of shipments and receipts	Percent	81.8	84.6	84.8	72.9	70.5
Metal mining	Mil. dol.	1,180	1,418	1,557	2,382	3,504
Coal mining	Mil. dol.	1,780	1,727	2,091	3,754	11,143
Oil and gas extraction	Mil. dol.	9,033	11,020	13,394	17,612	48,587
Nonmetallic minerals mining	Mil. dol.	1,392	1,745	2,288	2,723	4,656
Value of shipments and receipts	Mil. dol.	16,373	18,804	22,784	36,319	96,375
Capital expenditures	Mil. dol.	2,804	3,264	4,058	5,036	17,718

[1] See footnote 5, table 1338. [2] Excludes anthracite.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1972*, and *1977*.

No. 1328. National Income Originating in Mining: 1960 to 1979

[**In billions of dollars, except percent.** Data are without capital consumption adjustment. For definition of national income, see text, p. 435. See *Historical Statistics, Colonial Times to 1970*, series F 228, for single-year figures prior to minor revisions issued in 1976. NA = Not available.]

TYPE OF MINING	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total mining	5.6	6.0	7.8	8.7	10.1	15.5	18.1	20.3	22.4	26.5	32.2
Percent of total national income	1.4	1.7	1.0	.9	.9	1.4	1.5	1.5	1.5	1.5	1.7
Metal mining	.8	.9	1.2	1.1	1.5	1.6	1.6	1.9	2.0	2.3	(NA)
Coal mining	1.3	1.4	2.2	2.5	2.9	5.2	6.2	5.9	6.6	6.9	(NA)
Oil and gas extraction	2.6	2.7	3.1	3.6	3.9	6.7	8.1	10.3	11.4	14.3	(NA)
Nonmetallic minerals, exc. fuels	.9	1.1	1.3	1.6	1.9	2.1	2.2	2.3	2.5	3.0	(NA)

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues.

No. 1329. Index of Physical Volume of Mineral Production: 1950 to 1978

[**1967 = 100.** Excludes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series M 54-67]

MINERAL	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Minerals, total	65.3	75.4	79.1	93.5	112.1	112.7	114.1	110.4	103.8	105.5	(NA)	(NA)
Fuels [1]	66.4	74.8	77.5	89.2	111.7	111.2	109.3	105.4	102.3	101.4	104.2	104.2
Coal	99.2	86.9	76.9	93.3	108.5	106.7	106.0	108.0	115.9	121.2	123.4	118.6
Crude oil [2]	57.8	74.1	77.9	88.2	110.5	109.4	107.1	102.4	97.9	95.3	96.5	100.5
Natural gas (dry)	34.6	51.8	70.3	88.3	120.6	124.0	124.6	118.9	110.7	109.8	110.2	109.9
Metals	105.3	109.8	104.4	114.5	135.8	127.5	136.8	130.4	117.5	129.8	118.0	
Ferrous	106.5	124.0	100.0	100.9	109.3	98.4	116.0	108.3	96.2	99.8	78.8	
Nonferrous	100.1	95.0	108.9	125.6	157.4	151.1	153.6	148.4	134.8	154.0	149.8	
Base	106.8	103.9	104.9	132.7	167.3	162.8	166.5	159.3	142.7	158.0	148.5	
Monetary	145.3	117.8	102.0	115.0	123.9	102.7	94.5	86.9	86.2	85.1	92.5	(NA)
Other	59.3	64.7	123.1	89.8	119.5	112.6	114.8	122.8	119.2	175.2	195.8	
Nonmetals	46.1	65.6	76.1	97.6	103.4	111.0	119.0	117.2	102.8	108.6	114.9	
Construction	44.8	67.2	79.6	100.6	103.1	111.7	120.8	115.2	99.5	105.0	111.4	
Chemical	43.6	56.4	62.3	87.8	103.1	108.7	112.2	121.3	112.2	117.3	123.4	
Other	70.2	79.4	81.7	97.2	109.1	112.2	122.7	128.6	109.4	123.4	127.1	

NA Not available. [1] Source: Beginning 1977, U.S. Energy Information Administration, *Energy Data Reports*, annual. [2] Includes lease condensate and natural gas plant liquids.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1330. Mining and Mineral Production Indexes: 1960 to 1979

[1967 = 100. See also *Historical Statistics, Colonial Times to 1970*, series M 68-71]

MINING AND MINERALS	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Mining	80.3	93.2	112.2	113.1	114.7	115.3	112.8	114.2	118.2	124.0	125.5
Coal	79.2	93.8	108.0	106.0	104.8	106.4	113.4	117.2	121.9	114.7	135.6
Anthracite	165.0	120.7	79.2	55.3	54.9	50.9	50.1	51.9	50.2	53.4	46.7
Bituminous	75.6	92.6	109.2	108.1	106.8	108.7	116.0	119.9	124.9	117.2	139.3
Oil and gas extraction	77.9	90.5	111.6	113.6	113.7	114.4	113.3	112.0	118.0	124.6	121.7
Crude oil and natural gas	77.5	88.4	111.6	110.6	108.4	103.6	97.9	95.4	95.7	99.1	97.3
Crude oil	79.9	88.7	109.3	107.3	104.4	99.7	94.9	92.2	92.3	96.9	94.6
Natural gas	70.5	89.2	121.3	125.3	125.9	120.7	111.0	109.6	110.9	108.6	109.2
Natural gas liquids	66.5	86.3	117.5	122.2	122.8	119.3	115.3	114.5	116.2	113.2	110.9
Oil and gas drilling	90.2	109.1	108.3	129.6	146.5	189.3	222.8	230.1	279.3	315.2	303.8
Metal mining	111.5	114.8	131.9	118.8	130.2	125.6	115.8	122.8	105.5	121.0	127.0
Iron ore	93.6	98.5	112.1	95.1	112.6	110.4	105.4	105.4	74.3	110.0	117.1
Nonferrous ores	121.4	123.6	149.6	139.9	146.0	139.2	125.1	138.4	133.3	130.8	135.7
Copper ore	112.5	140.7	179.0	171.0	179.8	167.0	147.0	167.2	158.1	155.6	165.6
Lead and zinc ores	87.7	108.2	122.1	117.3	113.9	120.2	111.0	108.5	103.3	89.8	83.9
Primary metals	72.4	102.1	106.6	112.1	126.7	123.1	96.4	109.7	111.1	119.9	121.3
Nonferrous metals	61.8	95.0	109.9	121.1	134.5	129.0	97.5	118.5	124.1	131.9	135.8
Copper	122.3	151.5	162.7	160.7	160.5	139.9	123.0	136.2	128.0	135.8	145.9
Aluminum	61.1	84.2	121.6	125.8	138.6	150.1	118.8	129.7	138.8	147.0	153.6
Iron and steel	77.7	105.2	104.7	107.1	122.3	119.8	95.8	104.8	103.8	113.2	113.2
Stone and earth minerals	74.9	95.1	106.2	113.2	119.2	121.5	107.0	118.3	124.9	131.2	137.6

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1331. Value of Mineral Production, Imports, and Exports: 1950 to 1977

[**In billions of dollars.** Includes Puerto Rico and U.S. outlying areas. 1950 production data exclude Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series M 13-14, M 20, M 30, and M 38-53]

MINERAL [1]	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
Current dollars:											
Production, total	11.9	15.9	18.0	21.5	29.8	32.2	36.8	55.1	62.3	69.2	77.1
Fuels [2]	8.7	10.8	12.1	14.0	20.1	22.1	25.0	40.9	47.5	52.5	59.6
Metals	1.4	2.1	2.0	2.5	3.9	3.6	4.4	5.5	5.2	6.1	5.2
Nonmetals	1.8	3.1	3.9	5.0	5.8	6.5	7.4	8.7	9.6	10.6	11.7
Imports, total	(NA)	3.0	3.3	2.6	3.4	4.5	6.7	19.5	22.7	30.5	(NA)
Fuels [2]	(NA)	1.0	1.5	1.3	1.6	2.9	4.8	16.5	19.9	27.7	(NA)
Metals	1.0	1.6	1.5	1.0	1.2	1.0	1.1	1.8	1.6	1.6	1.5
Nonmetals	.3	.3	.3	.4	.6	.6	.8	1.2	1.2	1.2	1.5
Exports, total	(NA)	1.7	1.9	.8	1.6	1.5	1.7	3.5	4.7	4.3	(NA)
Fuels [2]	(NA)	1.1	.8	.5	1.1	1.1	1.2	2.7	3.6	3.3	(NA)
Metals	.2	.5	.9	.2	.3	.2	.3	.3	.4	.4	.5
Nonmetals	.1	.1	.1	.2	.2	.2	.3	.5	.7	.6	.7
Constant (1967) dollars:											
Production, total	13.5	17.7	18.7	22.2	26.7	25.7	27.0	26.1	24.6	24.8	(NA)
Fuels [2]	10.0	12.1	12.5	14.5	18.1	17.1	17.7	17.0	16.6	16.4	(NA)
Metals	1.8	2.4	2.3	2.6	3.1	2.9	3.1	3.0	2.6	2.9	2.7
Nonmetals	1.8	3.3	3.8	5.1	5.5	5.8	6.2	6.1	5.4	5.7	6.0

NA Not available. [1] Through 1965, uranium included with metals; thereafter, with fuels. [2] Source: Beginning 1977, U.S. Energy Information Administration, *Energy Data Reports*, annual.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1332. Per Capita Consumption in Constant (1972) Dollars of Raw Materials: 1950 to 1977

[**In dollars**]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977
All raw materials	**408.7**	**411.8**	**394.5**	**417.5**	**435.7**	**423.6**	**451.7**	**453.8**
Broad use classes:								
Foods	200.7	204.1	199.1	201.9	209.8	205.5	214.5	211.5
Energy materials	95.5	98.4	97.6	105.0	122.2	125.5	133.7	136.0
Physical structure materials	112.4	109.3	97.8	110.7	103.7	92.5	103.5	106.3
Broad source classes:								
Agricultural materials	234.7	231.5	221.2	220.4	223.9	217.8	226.5	223.0
Minerals	124.5	134.3	132.3	152.4	169.5	168.0	183.5	188.7
Forest products	*38.2*	*35.3*	*30.0*	*31.6*	*28.6*	*24.8*	*28.0*	*29.6*
Fishery and wildlife products	8.8	8.1	8.0	9.4	9.1	7.6	8.8	8.7
Direct energy	2.5	2.6	3.1	3.8	4.5	5.3	5.0	3.8

Source: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States, Economy 1900-1977*, Technical Paper 47.

No. 1333. Annual Average Value of Raw Materials in Constant (1972) Dollars, by Major Groups: 1950 to 1977

[**In millions of 1972 dollars.** Estimates cover over 95 percent of U.S. production and consumption]

Item and period	All raw materials [1]	Total minerals [2]	Fuels	Metallic ores	Nonmetallic ores	Agricultural materials	Forest products	Fish and wildlife
Production: 1950–1954	60,376	18,272	13,814	2,286	677	35,468	5,328	911
1955–1959	66,382	20,586	15,303	2,363	825	39,168	5,247	893
1960–1964	71,085	22,396	16,367	2,551	979	42,024	5,185	869
1965–1969	79,557	26,979	19,879	2,822	1,363	45,378	5,512	874
1970–1974	85,383	29,860	22,012	3,188	1,511	48,907	5,559	846
1975–1977	89,486	28,286	20,776	2,897	1,652	53,913	5,388	889
Consumption: 1950–1954	63,680	19,958	13,985	3,631	752	36,265	5,710	1,350
1955–1959	69,545	22,988	16,155	3,720	914	38,995	5,673	1,401
1960–1964	74,813	25,643	18,288	3,676	1,066	41,336	5,622	1,598
1965–1969	85,382	32,150	22,487	5,099	1,511	44,450	6,068	1,901
1970–1974	92,959	37,556	27,220	5,338	1,722	46,436	6,141	1,803
1975–1977	95,345	38,752	28,732	5,055	1,898	47,858	5,919	1,806

[1] Includes items not shown separately. [2] Includes construction material.

No. 1334. Price Indexes of All Wholesale Commodities, Finished Commodities, and Raw Materials: 1950 to 1977

[1972 = 100]

Item	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1970	1975	1977
All wholesale commodities	73	77	80	85	107	93	147	163
Finished commodities	69	74	78	85	103	94	129	142
All raw materials	75	74	75	82	113	89	168	197
Foods	78	70	69	80	109	88	137	153
Energy materials	70	79	80	82	120	91	231	284
Physical structure materials	75	79	79	84	111	90	162	188
Minerals	69	78	80	84	117	93	211	255
Agricultural materials	81	72	72	81	110	88	138	154
Forest products	66	69	66	74	107	78	152	191

Source of tables 1333 and 1334: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States Economy 1900–1977*, Technical Paper 47.

No. 1335. Selected Mineral Products—Average Prices: 1960 to 1979

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

Yearly average or year	Iron ore pellets [1] (cents/l. ton, unit, iron)	Copper, electrolytic [2] (cents per lb.)	Gold (dol./fine oz.)	Silver (dol./fine oz.)	Lead (New York) (cents per lb.)	Tin (New York) [3] (cents per lb.)	Zinc [4] (cents per lb.)	Aluminum, delivered [5] (cents per lb.)	Sulfur, crude [6] (dol./long ton)	Bituminous coal [7] (dol./short ton)	Crude petroleum [8] (dol./bbl.)
1960	(NA)	32.5	35.0	.91	11.9	101.4	12.9	26.0	23.13	4.69	2.68
1965	25.2	35.4	35.0	1.29	16.0	178.2	14.5	24.5	22.47	4.44	2.86
1970	26.6	58.2	36.4	1.77	15.6	174.2	15.3	28.7	23.14	6.26	3.18
1971	28.0	52.0	41.2	1.55	13.9	167.3	16.1	29.0	17.47	7.07	3.39
1972	28.0	51.2	58.6	1.69	15.0	177.5	17.8	26.3	17.03	7.66	3.39
1973	29.4	59.5	97.8	2.56	16.3	227.6	20.7	25.3	17.84	8.53	3.89
1974	40.6	77.3	159.7	4.71	22.5	396.3	35.9	34.1	28.88	15.75	6.74
1975	47.2	64.2	161.5	4.42	21.5	339.8	39.0	39.8	45.63	19.23	7.67
1976	53.1	69.6	125.3	4.35	23.1	379.8	37.0	44.6	46.45	19.43	8.14
1977	55.5	66.8	148.3	4.62	30.7	534.6	34.4	51.6	45.09	[9] 19.82	[9] 8.57
1978	58.6	66.5	193.6	5.40	33.7	629.6	31.0	54.6	45.89	[9] 21.78	[9] 9.00
1979, prel	65.3	93.3	307.5	11.09	52.6	753.9	37.3	59.4	56.64	[9] 23.50	[9] 12.64

NA Not available. [1] Lower Great Lakes ports. Price as of end of year per long ton unit of contained iron, natural, delivered rail or vessel, Lake Superior ore. [2] Domestic market. [3] Straits tin through 1975; thereafter, composite price. [4] Prime western. Beginning 1971, delivered price. [5] 99.5 percent primary aluminum ingot. [6] F.O.B. works. [7] Average value at mine. Includes Alaska. [8] Average value at well. Beginning 1960, includes Alaska, and Hawaii. [9] See footnote 1, table 1329.

Source: 1960–1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook and Commodity Data Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

No. 1336. U.S. Nonfuel Mineral Reserves, 1960 to 1980 and Cumulative Production, 1960 to 1979

[In thousands of metric tons unless otherwise specified. Estimates of material that can be economically extracted or produced for the United States. Economic recovery is implicit in the term reserve]

Mineral commodity	Reserves			Cumulative production	
	1960	1970	1980	1960–1969	1970–1979
Bauxite, (gross weight)	50,000	45,000	40,000	16,597	19,158
Cobalt, metal content in ore	40	25	-	5	(Z)
Copper, metal content in ore	30,000	77,000	92,000	11,265	14,363
Gold (million troy ounces)	[1] 20	120	45	16	12
Gypsum, (gross weight) [2]	(NA)	318,000	636,000	90,140	111,000
Iron ore, (gross weight) [3]	2,400,000	10,700,000	17,300,000	840,000	813,000
Lead, metal content in ore	[4] 26,000	33,000	[5] 22,500	2,811	5,464
Manganese ore, (gross weight)	900	([6])	-	237	5
Molybdenum, metal content in ore	1,300	2,800	4,100	348	535
Nickel, metal content in ore	500	180	330	120	148
Phosphate rock, (gross weight)	5,200,000	7,900,000	1,800,000	269,823	424,937
Potash, in K_2O equivalents	360,000	420,000	300,000	26,190	23,065
Silver (million troy ounces)	760	1,300	1,510	364	380
Sulfur, in all forms	150,000	305,000	175,000	81,396	108,846
Soda ash, natural and synthetic	270,000	([7])	27,000,000	56,041	69,043
Tin, metal content in ore	2.5	2.5	50	(D)	(D)
Tungsten, metal content in ore	65	65	125	35	32
Zinc, metal content in ore	[4] 12,000	24,000	[5] 22,000	4,831	4,105

- Represents zero. D Withheld to avoid disclosing proprietary information. NA Not available. Z Less than 500. [1] 1963 estimate. [2] Excludes byproduct gypsum. [3] Iron ore reserves shown are crude ore; production is marketable ore, direct-shipping ore, concentrates and agglomerates. [4] 1957 estimate. [5] 1978 estimate. [6] Represents negligible amount not quantified. [7] Represents large amount not quantified.

Source: U.S. Bureau of Mines, *Mineral Facts and Problems, Mineral Commodity Profiles,* and *Mineral Commodity Summaries,* annual publications.

No. 1337. Mineral Industry—Selected States: 1972 and 1977

[Represents establishments classified in the mineral industries only. Excludes data for stone, sand and gravel, clay, and gypsum mines operated as parts of manufacturing establishments]

State	1972		1977				
	All employees (1,000)	Value added in mining (mil. dol.)	Establishments		All employees		Value added in mining (mil. dol.)
			Total	With 20 employees or more	Number (1,000)	Payroll (mil. dol.)	
United States	**595.1**	**26,471**	**31,352**	**6,638**	**801.8**	**13,166**	**67,591**
Alabama	8.8	264	432	122	14.1	225	787
Arkansas	3.7	142	396	66	4.7	66	395
California	29.0	1,401	1,306	294	34.5	629	3,131
Colorado	13.5	409	976	191	22.7	411	1,184
Florida	9.0	298	320	69	9.9	132	1,039
Indiana	6.3	211	530	84	8.4	148	392
Illinois	20.5	546	879	187	25.8	451	1,161
Kansas	8.9	466	1,183	156	12.2	181	1,129
Kentucky	30.2	780	1,770	426	47.8	822	2,501
Louisiana	49.6	5,529	1,637	485	62.9	1,058	11,934
Michigan	11.4	306	500	88	13.1	204	941
Mississippi	5.6	232	449	84	6.0	87	521
Missouri	8.9	218	378	69	8.1	127	396
Montana	5.6	169	366	46	5.9	90	560
New Mexico	16.2	958	751	177	23.5	377	2,689
New York	7.7	154	466	63	7.1	134	218
Ohio	20.1	465	1,208	231	27.6	447	1,186
Oklahoma	26.9	1,133	2,279	367	43.5	698	3,445
Pennsylvania	41.9	847	1,695	417	51.7	852	2,166
Tennessee	7.3	152	480	139	9.4	129	378
Texas	95.8	6,711	6,273	1,227	143.6	2,377	19,700
Utah	11.4	372	430	100	16.7	269	911
Virginia	16.8	360	896	223	23.2	350	1,016
West Virginia	53.0	1,195	1,559	458	69.6	1,081	2,820
Wyoming	11.5	679	786	185	22.7	404	2,282
Other	75.5	2,474	3,407	684	87.1	1,417	4,709

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977,* Advance Report.

NO. 1338. MINERAL INDUSTRIES—

["N.e.c." means not elsewhere classified. See

	MINERAL INDUSTRY	1963 [1]			1967				1972	
						All employees			Establishments	
		Establishments (number)	Payroll [2] (mil. dol.)	Value added in mining [3] (mil. dol.)	Establishments (number)	Number [4] (1,000)	Payroll [2] (mil. dol.)	Value added in mining [3] (mil. dol.)	Total (number)	With 20 or more employees (number)
1	***All industries***	**38,651**	**3,742**	**15,920**	**28,579**	**567**	**4,187**	**19,330**	**25,269**	**5,312**
2	**Metal mining**	**1,614**	**515**	**1,418**	**1,155**	**71**	**552**	**1,557**	**1,014**	**285**
3	Iron ores	208	162	549	146	23	186	662	111	56
4	Copper ores	160	187	417	156	21	171	437	181	71
5	*Lead and zinc ores*	205	49	84	167	9	61	103	101	47
6	Gold and silver ores	466	25	49	183	4	26	51	132	12
7	*Gold ores and placers*	359	16	27	125	2	17	35	81	5
8	Silver ores	107	9	22	58	1	8	16	51	7
9	Bauxite	17	3	18	17	1	4	23	10	5
10	Ferroalloy ores, *except vanadium*	58	20	66	43	4	32	73	44	15
11	*Metal mining services*	83	14	25	148	3	19	34	172	33
12	Miscellaneous metal ores	417	54	210	295	7	54	175	263	46
13	Uranium-radium-vanadium ores	335	45	191	188	5	41	142	144	34
14	Mercury ores and *misc. metal ores*	82	9	19	107	2	13	32	119	12
15	***Anthracite mining***	**1,069**	**59**	**121**	**403**	**7**	**41**	**82**	**230**	**51**
16	Anthracite	1,026	53	111	371	6	37	75	213	41
17	Anthracite mining services	43	6	10	32	1	5	7	17	10
18	**Bituminous coal and lignite mining**	**6,305**	**762**	**1,607**	**4,081**	**124**	**926**	**2,009**	**3,365**	**1,118**
19	*Bituminous coal and lignite*	6,174	755	1,590	3,966	123	916	1,987	3,191	1,076
20	Coal mining services, n.e.c	131	7	17	115	1	10	22	174	42
21	***Oil and gas extraction***	**21,242**	**1,745**	**11,020**	**16,358**	**245**	**1,855**	**13,394**	**14,498**	**2,393**
22	Crude petroleum and natural gas	14,378	1,016	9,016	8,796	126	1,049	10,965	7,609	820
23	*Natural gas liquids*	652	97	762	684	12	100	905	680	191
24	Oil and gas field services	6,212	632	1,241	6,878	106	707	1,524	6,209	1,382
25	Drilling oil and gas wells	2,836	318	653	2,347	43	295	627	1,907	572
26	Oil and gas exploration services	373	48	90	636	8	53	126	715	91
27	Oil and gas field services, n.e.c	3,003	266	498	3,895	55	359	770	3,587	719
28	**Nonmetallic minerals mining**	**8,421**	**661**	**1,755**	**6,582**	**120**	**812**	**2,288**	**6,162**	**1,465**
29	Dimension stone [8]	319	8	15	244	2	9	18	198	27
30	Crushed and broken stone [9]	2,256	229	582	2,033	43	281	705	1,937	669
31	Sand and gravel [9]	4,616	212	514	3,232	35	229	548	2,929	457
32	Clay and *related minerals* [9]	423	42	114	356	9	58	155	309	111
33	Chemical and fertilizer minerals	235	137	443	233	24	188	741	204	110
34	Barite	54	7	11	30	1	5	15	27	12
35	Fluorspar	30	4	9	32	1	5	11	38	10
36	Potash, *soda, borate minerals*	23	52	156	33	8	68	188	31	23
37	Phosphate rock	66	32	105	69	8	60	199	47	24
38	*Rock salt*	25	16	50	26	3	19	71	30	19
39	Sulfur	17	21	100	31	3	31	253	24	19
40	Chemical and fertilizer mining, n.e.c	20	6	12	12	(Z)	2	3	7	3
41	Nonmetallic minerals, services	119	5	9	106	1	6	11	126	11
42	*Miscellaneous* [9]	453	28	78	378	7	41	111	459	80

– *Represents zero.* Z Less than 500 or 500,000.

[1] Includes single-unit establishments without paid employees.

[2] *Gross earnings paid to all employees on payroll.*

[3] Computed by subtracting cost of supplies, *minerals received* for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures.

[4] Excludes proprietors and *firm members* of unincorporated concerns.

[5] Represents employees up through the working foreman level engaged in manual work. *Includes development and exploration workers.*

SUMMARY: 1963 TO 1977

also *Historical Statistics, Colonial Times to 1970*, series M 1-12]

1972—Continued			1977, prel.										
All employees		Value added in mining [3] (mil. dol.)	Establishments		All employees		Production workers [5]			Value added in mining [3] (mil. dol.)	Value of shipments and receipts [7] (mil. dol.)	Capital expenditures (mil. dol.)	
Number [4] (1,000)	Payroll [2] (mil. dol.)		Total (number)	With 20 or more employees (number)	Number [4] (1,000)	Payroll [2] (mil. dol.)	Number (1,000)	Man-hours [6] (millions)	Wages (mil. dol.)				
595	**6,226**	**26,471**	29,606	6,148	**780**	**12,810**	**592**	**1,184**	**9,011**	**67,165**	**95,268**	**17,130**	1
81	**853**	**2,382**	**1,080**	**304**	**87**	**1,426**	**65**	**127**	**1,014**	**3,467**	**5,296**	**1,090**	2
20	218	702	97	63	21	366	16	28	253	1,064	1,626	439	3
36	387	1,025	130	63	32	527	23	44	356	1,067	1,856	208	4
8	72	200	88	40	7	104	5	11	75	329	417	41	5
3	30	61	173	18	4	67	4	7	53	161	199	40	6
2	20	47	124	6	2	35	2	4	28	78	99	21	7
1	10	14	49	12	2	32	2	3	25	83	100	19	8
1	4	24	10	6	(z)	6	(z)	1	4	31	40	4	9
4	40	137	53	15	6	96	5	10	79	228	344	109	10
3	**31**	54	152	20	2	38	2	4	30	84	117	15	11
7	71	180	377	79	13	222	10	22	164	503	696	234	12
6	58	149	232	65	12	203	9	20	153	439	609	226	13
1	13	31	145	14	1	19	1	2	11	64	87	8	14
5	**35**	**68**	**173**	**40**	**3**	**50**	**3**	**5**	**41**	**124**	**226**	11	15
4	32	63	154	36	3	47	3	5	38	116	217	9	16
1	3	6	19	4	(z)	3	(z)	(z)	3	8	10	2	17
155	**1,742**	**3,685**	**5,177**	**1,669**	**239**	**4,069**	**203**	**365**	**3,285**	**11,167**	**16,662**	**2,783**	18
152	1,714	3,626	4,892	1,603	233	3,957	197	354	3,190	10,873	16,276	2,736	19
3	29	60	285	66	6	112	6	11	95	294	386	47	20
241	**2,525**	**17,612**	**17,072**	**2,736**	**334**	**5,686**	**230**	**496**	**3,533**	**47,740**	**66,390**	**12,441**	21
117	1,375	14,422	8,524	964	133	2,615	60	119	1,028	37,617	40,417	10,488	22
11	117	1,019	689	205	12	210	10	21	171	3,280	17,050	327	23
113	1,033	2,172	7,859	1,567	189	2,861	160	356	2,335	6,843	8,922	1,626	24
45	422	881	2,180	657	76	1,267	69	150	1,112	3,213	4,233	1,014	25
10	89	212	1,019	67	17	206	14	35	169	542	657	71	26
58	522	1,079	4,660	843	96	1,388	77	171	1,054	3,088	4,032	541	27
114	**1,070**	**2,723**	**6,104**	**1,399**	**117**	**1,579**	**91**	**191**	**1,138**	**4,667**	**6,695**	**805**	28
2	13	26	204	21	2	17	2	3	14	38	49	3	29
42	388	982	1,957	629	41	543	33	69	396	1,517	2,056	250	30
34	322	776	2,799	428	30	416	23	49	302	1,008	1,417	173	31
9	78	198	257	100	10	124	8	17	92	354	569	62	32
20	203	583	207	113	25	366	18	38	247	1,459	2,161	275	33
1	5	20	33	12	1	10	1	2	8	43	55	3	34
1	8	16	21	6	1	9	1	1	5	13	35	1	35
7	77	211	31	26	9	153	7	14	105	565	819	173	36
6	53	154	50	33	8	105	6	13	79	469	751	72	37
3	26	74	34	17	3	36	2	4	25	131	153	14	38
3	32	104	27	17	3	48	1	3	22	235	335	10	39
(z)	1	4	11	2	(z)	5	(z)	1	3	3	13	2	40
1	11	20	139	28	2	34	2	4	27	65	95	8	41
7	55	138	541	80	7	79	5	11	60	226	328	34	42

[6] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent).
[7] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis.
[8] Excludes data for dimension-stone quarries operated in conjunction with dressing plants.
[9] Excludes data for mining included in establishments classified in manufacturing industries.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1963, 1967, 1972,* and *1977*, final industry series reports.

NO. 1339. MINERAL PRODUCTION, 1970 TO 1978, AND PRINCIPAL PRODUCING STATES, 1978

[Data represent production as measured by mine shipments, mine sales, or marketable, production (including consumption by producers). See *Historical Statistics, Colonial Times to 1970*, series M 13-37, for selected values]

MINERAL	PRODUCTION QUANTITY						PRODUCTION VALUE (mil. dol.)					Principal producing States ranked by quantity, 1978
	Unit	1970	1975	1976	1977	1978	1970	1975	1976	1977	1978	
Total mineral production	(X)	(X)	(X)	(X)	(X)	(X)	**29,786.6**	**62,190.0**	**69,216.3**	**77,112.0**	**86,241.2**	(X)
Mineral fuels	(X)	(X)	(X)	(X)	(X)	(X)	**20,222.2**	**47,781.1**	**52,919.0**	**60,182.0**	**66,419.5**	(X)
Coal: Bituminous and lignite	Mil. sh. tons	603	648	679	691	665	3,772.7	12,472.5	13,189.5	13,705.2	14,486.3	Ky., W. Va., Pa., Ill.
Pennsylvania anthracite	Mil. sh. tons	10	6	6	6	5	105.3	198.5	209.2	184.8	207.1	Pa.
Natural gas	Bil. cu. ft	21,921	20,109	19,952	20,025	19,974	3,745.7	8,945.1	11,571.8	15,825.0	18,084.9	Tex., La., Okla., N. Mex.
Natural gas liquids:												
Natural gasoline and cycle products	Mil. bbl. [1]	206	152	150	590	572	603.0	878.7	985.4	4,047.5	4,394.4	Tex., La., Okla., N. Mex.
LP-gases	Mil. bbl. [1]	400	444	437			672.1	1,893.9	2,298.6			
Petroleum (crude)	Mil. bbl. [1]	3,517	3,057	2,976	3,009	3,178	11,173.7	23,116.1	24,229.5	25,790.7	28,477.6	Tex., La., Calif., Okla.
Uranium [2]	Mil. lb	24.4	22.9	27.0	31.8	35.6	149.5	276.1	435.0	628.0	769.0	N. Mex., Wyo., Tex.
Nonmetallic minerals	(X)	(X)	(X)	(X)	(X)	(X)	**5,785.9**	**9,494.0**	**10,616.0**	**11,702.0**	**13,525.7**	(X)
Abrasive stone [3]	Sh. tons	3,055	2,953	2,696	2,200	487	.6	1.1	1.4	3.2	1.3	Wis., Ark., Ohio.
Asbestos	1,000 sh. tons	125	99	115	102	103	10.7	14.2	23.7	25.3	28.0	Calif., Vt., Ariz., N.C.
Asphalt and related bitumens (native) [4]	1,000 sh. tons	1,981	1,902	2,012	1,237	1,697	8.9	17.8	17.6	13.9	19.3	Tex., Utah, Ala.
Barite	1,000 sh. tons	854	1,318	1,234	1,494	2,112	12.8	21.2	28.7	30.3	44.0	Nev., Mo., Ark., Ga.
Boron minerals	1,000 sh. tons	1,041	1,172	1,246	1,469	1,554	86.8	158.8	184.9	236.2	279.9	Calif.
Bromine	Mil. lb	350	407	460	434	467	60.6	113.1	112.3	99.7	100.0	Ark., Mich.
Calcium chloride	Sh. tons	633	594	649	710	773	15.2	29.0	32.9	45.0	53.9	Mich., Calif.
Carbon dioxide, natural (estimate)	Mil. cu. ft	1,110	1,070	1,357	1,617	2,015	.2	.3	.3	.4	2.6	N. Mex., Colo., Utah.
Cement: Portland	Mil. sh. tons	73.2	66.8	71.2	76.3	81.4	1,268.7	2,015.6	2,330.4	2,727.6	3,239.6	Calif., Tex., Pa., Mich.
Masonry	Mil. sh. tons	3.0	2.9	3.3	3.8	4.1	67.5	111.8	139.6	169.1	208.6	Pa., Ind., Ala., Mich.
Clays	Mil. sh. tons	54.9	49.0	52.4	53.2	56.8	267.9	424.6	528.7	579.2	717.3	Ga., Tex., Ohio, Wyo.
Diatomite	1,000 sh. tons	598	573	631	648	651	32.6	45.8	55.0	63.9	72.4	Calif., Nev., Wash., Oreg.
Emery	1,000 sh. tons	(D)	3.5	(D)	(D)	(D)	([5])	([5])	([5])	([5])	([5])	N.Y.
Feldspar	1,000 sh. tons	726	670	740	734	735	9.6	11.7	17.5	17.2	18.2	N.C., Conn., Ga., Calif.
Fluorspar	1,000 sh. tons	269	140	188	169	129	13.9	10.9	17.9	16.5	13.3	Ill., Tex., Nev.
Garnet (abrasive)	1,000 sh. tons	18.8	17.2	24.6	20.0	29.7	1.9	1.7	2.7	2.2	2.3	Idaho, N.Y.
Gem stones (estimate)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	2.4	13.9	8.9	8.9	8.9	Ariz., Nev., Oreg., Me.
Gypsum	Mil. sh. tons	9.4	9.8	12.0	13.4	14.9	35.1	44.7	59.9	74.3	92.7	Mich., Tex., Iowa, Calif.
Helium [6]	Mil. cu. ft	4,600	1,079	1,339	1,494	1,550	64.2	23.9	25.9	30.7	31.9	Kans., Okla., Tex.
Lime	Mil. sh. tons	19.7	19.1	20.2	19.9	20.4	266.2	523.8	609.0	666.5	749.7	Ohio, Pa., Mo.
Magnesium compounds [7]	1,000 sh. tons	708	(D)	(D)	830	(D)	62.4	([5])	([5])	127.7	([5])	Mich., Calif., N.J.
Mica: Scrap	1,000 sh. tons	119	135	141	176	182	2.5	5.2	5.8	7.3	8.0	N.C., S.C., N.Mex.
Sheet	1,000 lb	-	5.0	5.0	(D)	(D)	-	(Z)	(Z)	([5])	([5])	N.C.
Peat	1,000 sh. tons	526	746	731	726	950	6.0	12.3	12.1	12.5	13.0	Mich., Fla., Ill.
Perlite	1,000 sh. tons	456	512	553	597	641	4.9	7.3	9.4	10.8	13.7	N. Mex., Ariz., Calif.
Phosphate rock	Mil. sh. tons	38.7	48.8	49.2	52.1	55.2	203.2	1,122.2	949.4	821.7	928.8	Fla., Idaho, N.C.
Potash [8]	1,000 sh. tons	2,729	2,400	2,501	2,500	2,483	98.1	223.1	210.8	206.9	226.5	N. Mex., Utah, Calif.

Pumice	1,000 sh. tons	3,036	3,892	4,134	4,009	4,757	4.7	11.2	10.5	12.0	14.5	Ariz., Oreg., Calif., Nev.
Pyrites	1,000 lg. tons	(D)	625	750	435	766	(5)	4.8	8.2	7.0	12.3	Tenn., Colo., Ariz.
Salt (common)	Mil. sh. tons	45.9	41.0	44.2	43.4	42.9	304.8	368.1	431.0	451.6	499.3	La., Tex., N.Y.
Sand and gravel	Mil. sh. tons	944	789	885	929	996	1,115.7	1,340.3	1,774.0	2,028.0	2,302.0	Calif., Alaska, Tex., Mich.
Sodium carbonate (natural)	1,000 sh. tons	2,688	4,328	5,216	6,228	6,790	56.3	182.6	259.3	337.5	371.3	Wyo., Calif.
Sodium sulfate (natural)	1,000 sh. tons	602	667	663	636	605	10.9	27.7	32.7	29.3	27.9	Calif., Tex., Utah.
Stone [9]	Mil. sh. tons	869	901	902	955	1,051	1,469.6	2,120.3	2,221.0	2,456.9	2,885.7	Pa., Tex., Ill.
Sulfur: Frasch mines	1,000 lg. tons	6,504	6,077	5,860	5,935	5,645	151.8	304.8	300.0	294.7	279.9	Tex., La.
Talc, soapstone, pyrophyllite	1,000 sh. tons	1,028	965	1,092	1,205	1,384	7.8	8.9	9.9	13.1	15.8	Mont., Vt., Tex., N.Y.
Tripoli	1,000 sh. tons	68	81	124	126	119	.5	.6	.8	.8	.8	Ill., Okla., Ark.
Vermiculite	1,000 sh. tons	285	330	304	359	337	6.5	13.8	14.0	18.6	19.7	Mont., S.C., Tex.
Nonmetallic minerals, undistributed [10]	(x)	(x)	(x)	(x)	(x)	(x)	34.4	157.2	169.5	56.0	222.6	(x)
Metals	(x)	(x)	(x)	(x)	(x)	(x)	3,778.5	4,914.9	5,681.3	5,228.0	6,296.0	(x)
Antimony ore and concentrate	Sh. tons [11]	1,130	886	283	610	(D)	(12)	2.1	.6	1.3	(11)	Idaho, Mont.
Bauxite	1,000 lg. tons [13]	2,082	1,772	1,958	1,981	1,643	30.1	25.1	26.6	28.0	23.2	Ark., Ala., Ga.
Copper [2]	1,000 sh. tons	1,720	1,413	1,606	1,504	1,496	1,984.5	1,814.8	2,235.0	2,009.3	1,990.3	Ariz., Utah, N. Mex., Mont.
Gold [2]	1,000 fine oz	1,743	1,052	1,048	1,100	999	63.4	169.9	131.3	163.2	193.3	S. Dak., Nev., Utah.
Iron ore, usable [14]	Mil. lg. tons [15]	87.2	75.7	76.7	53.9	82.8	941.7	1,620.6	1,860.1	1,417.4	2,388.0	Minn., Mich., Calif.
Lead [2]	1,000 sh. tons	572	621	610	592	584	178.6	267.2	281.6	363.6	393.5	Mo., Idaho, Colo.
Manganiferous ore [16]	1,000 sh. tons [15]	368	159	257	216	312	(12)	1.4	2.3	2.2	3.1	Minn., N. Mex., S.C.
Mercury	76 lb. flasks	27,296	7,366	23,133	28,244	24,163	11.1	1.2	2.8	3.8	3.7	Nev.
Molybdenum [17]	Mil. lb	110	105	115	125	131	190.1	259.3	333.5	450.4	607.9	Colo., Ariz., Utah.
Nickel [18]	1,000 sh. tons	15.9	17.0	16.5	14.3	13.5	(12)	(12)	(12)	(12)	(12)	Oreg.
Silver [2]	Mil. fine oz	45.0	34.9	34.3	38.2	39.4	79.7	154.4	149.3	176.3	212.7	Idaho, Ariz., Colo.
Titanium concentrate: ilmenite [2]	1,000 sh. tons [15]	921	702	618	542	581	18.6	26.9	27.6	25.2	25.6	Fla., N.J., N.Y.
Tungsten ore and concentrate	1,000 lb. [19]	9,312	5,490	5,869	6,022	6,901	23.8	29.1	37.3	55.1	56.7	Calif., Colo., Nev.
Vanadium [2]	Sh. tons	5,319	4,743	7,376	6,504	4,272	34.9	49.3	81.3	74.5	56.8	Colo., Utah, Idaho.
Zinc [2]	1,000 sh. tons	534	469	485	450	334	163.7	366.1	358.5	309.3	206.9	Tenn., Mo., Idaho.
Metals, undistributed [10]	(x)	(x)	(x)	(x)	(x)	(x)	58.4	127.5	153.5	147.6	133.8	(x)

– Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applicable. Z Less than $50,000. [1] 42 gal. bbl. [2] Recoverable content of ores, etc. [3] Grindstones, pulpstones, millstones, grinding pebbles, sharpening stones, and tubemill liners. [4] Contains bituminous limestone and sandstone, and gilsonite. [5] Value included in "Nonmetallic minerals, undistributed." [6] Crude and refined. [7] From sea water and brines, except for metals (MgO equiv.). [8] K_2O equivalent. [9] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate. [10] Comprises value of items that cannot be disclosed. [11] Antimony content. [12] Included with "Metals, undistributed." [13] Dried equivalent. [14] Excluding byproduct iron sinter. [15] Gross weight. [16] 5 to 35 percent Mn. [17] Content of concentrate. [18] Content of ore and concentrate. [19] Tungsten content.

Source: U.S. Bureau of Mines, *Minerals Yearbook* and beginning 1977, for mineral fuels, from U.S. Energy Information Administration, *Energy Data Reports*.

NO. 1340. MINERAL PRODUCTION—VALUE, 1970 TO 1978, AND RANK BY STATES

[In millions of dollars]

REGION AND STATE	1970	1975	1976	1977	1978		REGION AND STATE	1970	1975	1976	1977	1978	
					Total [1]	Rank						Total [1]	Rank
N.E	143	181	203	232	265	(x)	S.A.—Con.						
Maine	24	37	40	43	43	47	N.C	98	153	203	232	295	32
N.H	9	17	18	21	23	48	S.C	56	115	125	144	183	37
Vt	28	29	35	41	48	46	Ga	203	333	428	486	594	26
Mass	50	59	70	77	90	43	Fla	300	1,771	1,652	1,619	1,741	15
R.I	4	6	6	6	7	49							
Conn	28	33	34	44	54	44	E.S.C	1,640	4,541	5,035	5,391	6,012	(x)
							Ky	847	2,739	3,115	3,218	3,549	5
M.A	1,485	3,430	3,589	3,623	3,773	(x)	Tenn	220	423	440	521	586	27
N.Y	300	398	428	462	448	29	Ala	323	969	1,030	1,160	1,317	19
N.J	89	124	120	117	128	41	Miss	250	410	450	492	560	28
Pa	1,096	2,908	3,041	3,044	3,197	6							
							W.S.C	12,868	26,741	30,120	34,503	33,655	(x)
E.N.C	2,316	4,813	5,300	5,741	6,469	(x)	Ark	226	436	535	574	629	25
Ohio	612	1,356	1,436	1,607	1,791	12	La	5,102	8,513	8,652	10,912	11,625	2
Ind	256	542	607	698	793	23	Okla	1,138	2,267	2,790	3,497	3,554	4
Ill	689	1,491	1,581	1,663	1,758	14	Tex	6,402	15,525	18,143	19,520	17,847	1
Mich	671	1,292	1,544	1,623	1,968	11							
Wis	88	132	132	150	159	38	Mt	4,545	8,014	9,323	10,560	11,312	(x)
							Mont	313	573	636	691	723	24
W.N.C	1,962	3,403	3,902	3,903	5,046	(x)	Idaho	120	234	210	253	299	31
Minn	633	1,097	1,218	876	1,725	16	Wyo	706	1,644	1,852	2,331	2,741	10
Iowa	121	196	216	238	267	33	Colo	390	958	1,110	1,397	1,450	18
Mo	393	723	785	893	966	22	N. Mex	1,060	2,092	2,510	2,911	2,926	9
N. Dak	96	202	244	272	320	30	Ariz	1,167	1,288	1,727	1,621	1,777	13
S. Dak	62	102	102	111	126	42	Utah	603	966	1,044	1,085	1,148	21
Nebr	73	112	123	144	152	39	Nev	186	259	234	271	248	35
Kans	584	971	1,214	1,369	1,490	17							
							Pac	2,426	3,949	4,450	5,911	7,857	(x)
S.A	2,406	7,191	7,254	7,220	7,351	(x)	Wash	91	159	187	216	251	34
Del	2	2	2	2	2	50	Oreg	68	106	113	109	129	40
Md	88	165	185	187	222	36	Calif	1,900	3,153	3,483	4,312	4,440	3
Va	374	1,262	1,161	1,342	1,250	20	Alaska	338	481	625	1,234	2,984	8
W. Va	1,285	3,390	3,498	3,208	3,064	7	Hawaii	29	50	42	40	53	45

X Not applicable. [1] Excludes uranium and natural gas liquids.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1341. EMPLOYMENT IN MINING—SELECTED STATES AND OTHER AREAS: 1965 TO 1978

[In thousands. Excludes office workers]

STATE	1965	1970	1975	1976	1977	1978	STATE OR OTHER AREA	1965	1970	1975	1976	1977	1978
U.S	411.8	387.3	464.8	457.0	477.5	495.4	Nev	3.8	3.5	4.1	3.6	4.1	3.9
							N. Mex	7.8	8.3	11.1	12.3	13.0	14.5
Ala	11.0	9.7	14.4	13.6	14.9	14.9	N.Y	9.4	8.3	7.6	7.4	7.1	6.7
Ariz	13.2	14.5	20.0	19.2	18.6	16.1	N.C	4.5	4.8	4.4	4.4	4.9	5.0
Ark	5.7	4.9	5.8	5.5	5.7	5.4	Ohio	17.8	18.0	22.8	22.5	23.0	23.5
Calif	17.6	16.7	10.1	11.1	11.9	12.6							
Colo	8.6	8.3	11.3	10.6	11.2	12.8	Okla	[1] 2.0	2.9	3.1	3.1	3.6	4.4
							Oreg	4.6	2.9	2.7	2.2	2.4	2.1
Fla	6.8	6.6	7.9	8.7	8.9	9.1	Pa	[1] 46.7	39.8	44.3	46.4	47.7	47.5
Ga	6.2	6.8	7.3	7.3	7.6	7.9	S.C	2.1	2.2	2.0	2.1	2.3	2.2
Idaho	4.1	3.7	3.8	3.7	3.7	3.9	S. Dak	3.6	3.2	2.9	3.1	3.0	3.0
Ill	[1] 14.9	15.4	19.7	21.0	21.6	20.9							
Ind	7.3	7.0	7.5	7.7	8.0	8.7	Tenn	8.7	7.5	10.0	10.4	10.6	11.6
							Tex	11.1	11.0	12.8	12.3	13.1	14.2
Iowa	5.2	4.2	5.3	5.0	5.2	5.3	Utah	8.5	8.6	10.1	10.2	10.9	12.2
Kans	4.4	3.3	3.9	3.6	3.7	3.8	Va	[1] 16.7	15.7	21.4	20.9	22.5	24.4
Ky	[1] 27.7	28.7	44.8	38.9	43.2	51.1	Wash	3.6	2.6	3.2	3.0	3.7	3.6
La	4.5	5.0	4.4	4.6	4.6	5.0							
Md	2.9	2.7	2.5	2.6	3.0	3.4	W. Va	46.9	47.8	62.6	63.6	65.6	63.8
							Wis	[1] 5.3	4.0	5.3	3.9	3.6	3.3
Mass	[1] 2.4	1.8	1.9	2.0	2.0	2.0	Wyo	4.0	4.9	11.3	10.4	12.7	13.6
Mich	13.2	12.0	10.5	10.4	10.6	10.3	Other States [1]	17.1	11.9	11.2	9.9	10.6	10.5
Minn	14.0	12.6	13.8	13.8	12.8	15.4							
Miss	[1] 1.8	1.5	1.3	1.4	1.5	1.9	P. Rico	–	–	.5	1.6	1.6	1.5
Mo	9.6	9.0	10.7	10.3	10.6	10.3	V. Islds	–	–	.4	.4	.4	.5
Mont	6.7	5.4	4.8	4.2	4.0	4.4							

– Represents zero. [1] Due to the confidentiality of certain data, a part of the persons employed are included in "Other States."

Source: U.S. Mine Safety and Health Administration, Denver, Colorado, unpublished data.

NO. 1342. SELECTED MINERAL INDUSTRIES—EMPLOYMENT: 1960 TO 1978

[Excludes office workers. Prior to 1975, excludes Alaska and Hawaii, except as noted. Beginning 1975, no estimates of persons or man-hours were made to cover nonrespondent establishments. See also *Historical Statistics, Colonial Times to 1970*, series M 287-306]

INDUSTRY	PERSONS WORKING DAILY [1] (1,000)						MAN-HOURS WORKED (mil.)					
	1960	1965	1970	1975	1977	1978	1960	1965	1970	1975	1977	1978
Coal mines	[2] 190	[2] 149	[2] 144	218	230	246	[2] 282	[2] 249	[2] 260	368	391	387
Metal mines	[2] 61	[2] 51	[2] 46	54	52	52	[2] 120	[2] 112	[2] 108	101	95	99
Nonmetal mines [3]	[2] 19	[2] 17	[2] 15	21	17	19	[2] 37	[2] 38	[2] 32	35	32	35
Sand and gravel operations	52	54	51	44	42	41	96	100	95	57	61	63
Stone quarries [4]	95	90	82	77	84	84	202	194	184	130	156	164
Metal mills	23	19	22	29	30	30	54	49	57	53	54	57
Nonmetal mills	40	31	27	22	25	26	86	71	62	42	49	52

[1] Average number of persons at work each day mines were active. [2] Includes Alaska. [3] Includes clay mines. Includes Hawaii for all years. Beginning 1975, excludes extraction of Frasch process sulfur. [4] Includes manufacture of cement except 1975. Includes Alaska and Hawaii for all years.

NO. 1343. MINERAL INDUSTRIES—INJURIES AND FATALITIES: 1960 TO 1978

[Excludes office workers. See also *Historical Statistics, Colonial Times to 1970*, series M 271-286]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Coal mining:									
Injuries, total	12,227	11,397	11,812	11,352	8,678	11,262	14,530	15,128	14,871
Fatal	325	259	260	132	133	155	141	139	106
Nonfatal	11,902	11,138	11,552	11,220	8,545	11,107	14,389	14,989	14,765
Rate per million work-hours:									
Fatal	1.2	1.0	1.0	.5	.5	.4	.4	.4	.3
Nonfatal	42	45	44	40	29	30	38	38	38
Fatalities per 1,000 employed [1]	1.71	1.74	1.81	.90	.75	.71	.66	.60	.43
Quarrying and related industries: [2]									
Injuries, total	4,707	3,353	3,709	2,496	2,661	2,562	2,912	3,287	4,135
Fatal	39	48	43	60	48	36	33	39	49
Nonfatal	4,668	3,305	3,666	2,436	2,613	2,526	2,879	3,248	4,086
Rate per million work-hours:									
Fatal	.2	.3	.2	.5	.4	.3	.2	.3	.3
Nonfatal	23	17	20	19	19	19	19	21	25
Metal and nonmetal mining: [3]									
Injuries, total	7,253	6,328	6,730	5,023	5,448	5,158	4,907	4,694	7,124
Fatal	121	92	93	75	71	66	56	68	62
Nonfatal	7,132	6,236	6,637	4,948	5,377	5,092	4,851	4,626	7,062
Rate per million work-hours:									
Fatal	.8	.6	.7	.3	.3	.3	.2	.3	.3
Nonfatal	45	42	47	23	24	22	20	20	29
Rate per 1,000 workers: [1]									
Fatal	1.5	1.4	1.5	.7	.6	.5	.5	.5	.5
Nonfatal	89	92	109	44	44	40	39	37	56

[1] See footnote 1, table 1342. [2] Includes manufacture of cement, except for 1973-75. [3] Beginning 1973, nonmetal mines exclude extraction of Frasch process sulfur.

Source of tables 1342 and 1343: 1960-1970, U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data; thereafter, U.S. Mine Safety and Health Administration, Denver, Colorado, unpublished data.

NO. 1344. SELECTED MINERAL INDUSTRIES—AVERAGE WEEKLY AND HOURLY EARNINGS AND WEEKLY HOURS: 1960 TO 1978

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
All mining:											
Weekly earnings	Dol.	104	122	160	181	196	213	229	256	303	303
Hourly earnings	Dol.	2.45	2.77	3.66	4.17	4.47	4.91	5.42	3.99	6.88	7.62
Weekly hours	Num.	42.5	44.0	43.8	43.4	44.0	43.5	42.4	42.9	44.1	43.4
Crude petroleum and natural gas:											
Weekly earnings	Dol.	103	116	156	170	192	224	249	273	288	315
Hourly earnings	Dol.	2.46	2.74	3.83	3.97	4.69	5.33	6.05	6.59	6.23	7.01
Weekly hours	Num.	42.0	42.4	40.7	42.8	40.9	42.0	40.8	41.4	46.2	45.0
Coal mining:											
Weekly earnings	Dol.	110	138	184	216	227	237	283	312	353	370
Hourly earnings	Dol.	3.11	3.46	4.52	5.30	5.69	6.20	7.21	7.88	8.41	8.43
Weekly hours	Num.	35.5	39.9	40.7	41.0	39.9	38.2	39.3	39.5	41.2	36.6
Metal mining:											
Weekly earnings	Dol.	111	127	166	186	200	227	251	281	299	340
Hourly earnings	Dol.	2.68	3.06	3.88	4.47	4.76	5.43	6.13	6.75	7.27	8.16
Weekly hours	Num.	41.6	41.6	42.7	41.5	42.1	41.8	40.9	41.6	41.2	41.2
Nonmetal mining incl. quarrying:											
Weekly earnings	Dol.	98	117	156	177	197	209	211	237	260	282
Hourly earnings	Dol.	2.27	2.57	3.48	3.95	4.18	4.52	4.85	5.38	5.84	6.30
Weekly hours	Num.	43.3	45.7	44.7	44.8	47.1	46.3	43.5	44.0	44.5	44.7

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1345. Principal Fuels, Nonmetals, and Metals—U.S. Production as Percent of World Production: 1965 to 1978

Mineral	Unit	World production					Percent U.S. of world				
		1965	1970	1975	1977	1978, prel.	1965	1970	1975	1977	1978, prel.
Fuels: [1]											
Coal	Bil. sh. tons	3.1	3.3	3.6	3.8	3.9	17	18	18	18	17
Petroleum (crude)	Bil. bbl	11.1	16.7	19.5	21.8	21.9	26	21	16	14	15
Natural gas (marketable)	Tril. cu. ft.	(NA)	37.7	47.3	51.4	54.7	65	58	42	37	34
Nonmetals:											
Asbestos	Mil. sh. tons	3.1	3.9	4.6	5.2	5.2	4	3	2	2	2
Barite	Mil. sh. tons	3.9	4.3	5.4	6.4	7.4	22	20	25	23	28
Feldspar	Mil. sh. tons	2.2	2.8	2.9	3.2	3.4	32	26	23	23	22
Fluorspar	Mil. sh. tons	3.1	4.6	5.0	5.1	5.2	8	4	3	3	3
Gypsum	Mil. sh. tons	53.0	56.9	65.3	74.2	76.9	19	17	15	18	19
Mica (incl. scrap)	1,000 sh. tons	218	180	250	289	306	55	66	54	60	59
Nitrogen, agricultural [2]	Mil. sh. tons	18.5	33.4	46.7	50.6	72.8	27	25	20	21	19
Phosphate rock	Mil. sh. tons	70.3	93.6	118.6	127.7	137.7	34	41	41	37	40
Potash (K_2O equiv.)	Mil. sh. tons	15.1	20.0	27.4	28.5	28.7	21	14	9	9	9
Sulfur, elemental	Mil. lg. tons	15.3	22.2	49.9	51.7	53.1	48	39	22	20	21
Metals, mine basis:											
Bauxite	Mil. lg. tons	36.8	56.9	74.5	81.1	81.7	4	4	2	2	2
Copper [3]	Mil. sh. tons	5.6	6.6	7.7	8.4	8.3	24	26	18	18	18
Gold	Mil. troy oz.	46.2	47.5	38.7	38.9	39.3	4	4	3	3	3
Iron ore	Mil. lg. tons	611	754	887	844	860	14	12	9	7	9
Lead [3]	Mil. sh. tons	3.0	3.7	3.8	3.7	3.8	10	15	17	16	15
Mercury	1,000 flasks [4]	276	284	252	198	176	7	10	3	14	14
Molybdenum [3]	Mil. lb.	115	181	177	206	217	67	61	60	59	60
Nickel [3]	1,000 sh. tons	468	693	868	880	706	3	2	2	2	2
Silver	Mil. troy oz.	257	301	298	337	340	16	15	12	11	11
Titanium concentrates:											
Ilmenite [5]	Mil. sh. tons	2.7	4.0	3.2	3.7	3.9	36	23	22	17	15
Tungsten	Mil. lb.	59.6	71.4	84.3	93.9	103.7	13	13	7	6	7
Uranium oxide (U_3O_8) [5]	1,000 sh. tons	21	24	27	38	(NA)	49	53	43	39	(NA)
Vanadium [3]	1,000 sh. tons	9.1	19.9	23.2	33.3	34.2	58	26	20	20	12
Zinc [3]	Mil. sh. tons	4.7	6.0	6.4	6.7	5.9	13	9	7	7	5
Metals, smelter basis:											
Aluminum	Mil. sh. tons	7.0	10.6	13.4	15.0	15.5	37	37	29	30	31
Cadmium	Mil. lb.	26.1	36.5	33.9	38.8	36.2	27	26	13	11	10
Copper	Mil. sh. tons	6.1	6.8	7.7	8.3	8.7	24	24	18	17	17
Iron, pig (incl. ferroalloys)	Mil. sh. tons	369	474	529	543	558	25	19	15	15	16
Lead	Mil. sh. tons	2.9	3.6	3.6	3.7	38	14	18	17	16	16
Magnesium	1,000 sh. tons	178	242	258	277	312	46	46	47	45	48
Steel ingots and castings	Mil. sh. tons	507	655	713	738	780	26	20	16	17	18
Tin	1,000 m. tons [6]	200	227	228	232	247	2	(NA)	3	3	2
Zinc	Mil. sh. tons	4.4	5.3	5.5	6.3	6.4	23	16	8	7	5

NA Not available. [1] Source: Beginning 1977, U.S. Dept. of Energy, *Annual Report to the Congress*. See table 1049 for production by world region. [2] For years ending June 30, U.S. production includes Puerto Rico. [3] Content of ore and concentrate. [4] 76-lb. flasks. [5] Excludes U.S.S.R. [6] Metric tons.

Source: Except as noted, U.S. Bureau of Mines, Minerals Yearbook, annual.

No. 1346. Federal Strategic and Critical Materials Inventory: 1965 to 1979

[**In millions of dollars.** As of **Dec. 31.** Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amounts that would be realized at time of sale]

Inventory	1965	1970	1973	1974	1975	1976	1977	1978	1979
Acquisition cost:									
Total in storage	8,033	6,373	5,220	4,136	3,960	3,852	3,721	3,639	3,588
National stockpile	5,285	4,248	3,421	2,661	2,555	2,479	2,501	2,487	3,499
Supplemental stockpile	1,403	1,420	1,289	1,130	1,095	1,076	1,059	1,045	
Defense Production Act	1,341	705	510	346	310	297	161	107	89
Market value:									
Total in storage	7,804	7,105	7,400	8,037	7,433	8,160	9,153	10,395	14,809
National stockpile	5,642	5,081	5,612	5,742	5,259	6,014	7,122	8,321	14,767
Supplemental stockpile	1,317	1,587	1,502	2,080	1,948	1,900	1,893	2,014	
Defense Production Act	841	437	286	215	226	246	138	60	42

Source: U.S. General Services Administration, *Statistical Supplement, Stockpile Report to the Congress* (OP-4).

No. 1347. Average Annual Imports and Exports of Raw Materials in Constant (1972) Dollars, by Broad Products Groups: 1950 to 1977

[In millions of constant (1972) dollars. Data exclude gold]

ITEM	IMPORTS						EXPORTS					
	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1977	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1977
All raw materials	**8,611**	**10,204**	**11,441**	**14,055**	**18,034**	**21,507**	**4,568**	**6,088**	**7,730**	**8,682**	**11,257**	**13,192**
Minerals	3,301	4,528	4,884	6,647	9,832	13,173	1,421	1,845	1,824	2,045	2,346	2,413
Iron and ferroalloy ores	649	918	942	1,307	1,455	1,497	206	366	484	468	585	594
Other metal ores	1,232	1,379	1,000	1,350	1,551	1,756	283	392	560	578	617	616
Fuels	1,172	1,922	2,570	3,475	6,182	9,202	857	974	617	750	825	834
Construction materials	100	111	127	135	156	137	6	7	11	21	26	37
Other nonmetallic	148	197	245	380	488	580	69	106	152	228	293	332
Agricultural materials	4,283	4,490	4,992	5,307	5,858	6,027	2,941	3,992	5,557	6,055	8,103	9,919
Forest products	548	627	771	966	1,219	1,197	165	201	285	474	641	667
Fishery and wildlife products	479	559	793	1,135	1,124	1,110	40	51	64	108	167	193

Source: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States Economy 1900–1977*, Technical Paper 47.

No. 1348. Selected Mineral and Metal Products—Imports and Exports: 1965 to 1979

[Imports represent imports for consumption. Exports include shipments under foreign aid programs. Includes trade of Puerto Rico with foreign countries]

PRODUCT	QUANTITY						VALUE (mil. dol.)				
	Unit	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
IMPORTS											
Petroleum, crude	**Mil. bbl**	**502**	**535**	**1,581**	**2,406**	**2,375**	**1,120**	**1,260**	**18,290**	**32,298**	**46,058**
Nonmetallic minerals:											
Asbestos	1,000 sh. tons	684	639	525	605	553	66	74	108	148	132
Diamonds: Gem	Mil. carats	3.2	4.3	4.6	6.7	4.5	307	425	722	1,962	1,859
Industrial	Mil. carats	12.2	11.2	10.9	13.5	11.4	54	44	45	67	79
Ores and concentrates:											
Bauxite	Mil. lg. tons	12.5	14.3	11.6	13.8	14.0	143	156	235	384	375
Chromite	Mil. sh. tons	1.5	1.4	1.3	1.0	1.0	25	32	61	51	54
Copper	1,000 sh. tons [1]	11	66	29	24	34	6	79	36	25	48
Iron ore	Mil. lg. tons	45.1	44.9	46.7	33.6	34.8	444	479	860	845	923
Lead	1,000 sh. tons [1]	129	43	45	68	49	27	8	12	25	33
Manganese ore	Mil. sh. tons	3.9	1.7	1.6	.6	.5	110	34	77	37	27
Nickel [2]	1,000 sh. tons [1]	31	33	23	24	2	41	96	78	19	8
Tin	1,000 lg. tons [1]	4	5	6	7	4	13	14	44	44	54
Tungsten	1,000 sh. tons [2]	1.8	.6	3.2	4.6	5.6	4	3	32	68	85
Metals (incl. scrap): [3]											
Aluminum	1,000 sh. tons	555	887	489	468	332	227	177	344	422	347
Copper	1,000 sh. tons	137	137	164	483	261	94	154	188	555	443
Lead [4]	1,000 sh. tons	232	253	105	262	212	70	80	53	183	224
Nickel	1,000 sh. tons	136	137	176	243	150	208	327	520	737	685
Platinum group	Mil. troy oz	1.2	1.4	1.7	2.9	3.5	73	105	255	447	838
Tin [5]	1,000 lg. tons	41	51	52	52	55	160	188	315	574	711
Zinc	1,000 sh. tons	159	262	380	696	586	44	74	275	389	393
EXPORTS											
Fuels:											
Bituminous coal	Mil. sh. tons	50.3	71.0	65.8	30.3	50.7	466	955	3,242	1,647	2,763
Petroleum, crude	Mil. bbl	1.0	5.0	(z)	(z)	(z)	3	17	(z)	389	(z)
Metals (incl. scrap): [3]											
Aluminum (incl. alloys)	1,000 sh. tons	242	466	253	60	85	105	236	163	52	(z)
Copper (incl. alloys)	1,000 sh. tons	424	348	145	172	189	312	403	126	151	(z)
Iron and steel, scrap [6]	Mil. sh. tons	6.2	10.1	9.4	9.1	10.7	197	432	763	684	1
Nonmetallic minerals:											
Cement, hydraulic	1,000 bbl	748	847	988	1,407	2,130	4	5	28	21	30
Phosphate rock	1,000 sh. tons	862	815	1,285	15,094	16,300	11	10	37	367	432
Potash material	Mil. sh. tons	1.1	1.0	1.5	2.0	1.6	43	37	112	120	(z)
Sulfur [7]	Mil. lg. tons	2.6	1.4	1.3	.8	1.9	66	34	70	35	(z)

Z Less than 50,000 or $500,000. [1] Of metal. [2] Includes matte and oxide. [3] Excludes semifabricated forms, except as noted. [4] Includes alloys in chief value of lead. [5] Includes alloys in chief value of tin. [6] Includes tin plated and terne plated scrap. [7] Includes crude (containing 85 percent or more sulfur), crushed, ground, refined, sublimed, and flowers.

Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country*, FT 246, annual; *U.S. Exports, Schedule B Commodity and Country*, FT 410, monthly; and unpublished data.

No. 1349. U.S. Direct Investment Abroad in Mining and Smelting and in Petroleum—Value, 1970 to 1979, and Earnings, 1979, by Region and Country

[Minus sign (−) denotes loss. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

Region and country	Direct investment position [1] (mil. dol.)								Earnings, 1979 [2] (mil. dol.)	
	Mining and smelting				Petroleum					
	1970	1975	1978	1979 [2]	1970	1975	1978	1979 [2]	Mining, smelting	Petroleum
All areas	**5,405**	**6,548**	**6,990**	**7,185**	**19,754**	**25,972**	**33,790**	**41,553**	**1,165**	**13,249**
Developed countries	3,286	4,398	4,643	4,772	11,205	20,129	26,871	31,821	799	6,768
Canada	2,574	3,053	3,006	3,151	4,337	6,220	8,246	9,168	441	1,667
Europe	36	41	29	44	5,481	11,185	15,122	18,555	−8	4,469
Japan	-	-	-	-	525	1,313	1,694	2,111	-	318
Australia, New Zealand, and South Africa	675	1,305	1,607	1,578	863	1,430	1,809	1,986	367	314
Developing countries	2,119	2,150	2,346	2,416	6,644	2,519	4,361	7,231	364	6,275
Latin America	1,712	1,476	1,647	1,652	2,703	3,324	3,892	4,568	308	1,383
Africa [3]	340	488	556	589	1,750	1,336	1856	2161	25	1,172
Middle East [4]	(z)	5	(D)	(D)	1,265	−4,888	−3,701	(D)	(D)	2,430
Other Asia and Pacific	67	181	(D)	(D)	926	2,746	2314	(D)	(D)	1,289
International and unallocated	(X)	(X)	(X)	(X)	1,905	3,323	2,557	2,502	-	206

- Represents zero. D Withheld to avoid disclosure. X Not applicable. Z Less than $500,000. [1] Value at yearend. [2] Preliminary. [3] Excludes South Africa. [4] Includes Bahrain, Iran, Israel, Jordan, Kuwait, Lebanon, Qatar, Saudi Arabia, South Yemen, Syria, Trucial States, Oman, and Yemen. Negative direct investment position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1980.

No. 1350. Net U.S. Imports of Selected Minerals and Metals as Percent of Apparent Consumption, 1960 to 1979, and by Major Foreign Sources, 1975–1978

[*In percent.* Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes]

Mineral	1960	1965	1970	1974	1975	1976	1977	1978	1979	Rank of major foreign sources, 1975–1978
Columbium	100	100	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
Mica (sheet)	94	94	100	100	100	100	100	100	100	*India, Brazil, Madagascar.*
Strontium	100	100	100	100	100	100	100	100	100	Mexico, Spain.
Manganese	89	94	95	98	98	98	98	97	98	South Africa, Gabon, Brazil, France.
Tantalum	94	95	96	98	81	96	97	97	96	Thailand, Canada, Malaysia, Brazil.
Bauxite [1]	74	85	88	92	91	91	91	93	93	Jamaica, Australia, Guinea, Surinam.
Cobalt	66	92	98	99	98	98	97	*95*	90	*Zaire*, Belg.-Lux., Zambia, Finland, Canada.
Chromium	85	92	89	90	91	89	91	91	*90*	*South Africa*, U.S.S.R., Zimbabwe, Turkey, Philippines.
Platinum group	82	87	78	87	83	90	91	90	89	South Africa, U.S.S.R., United Kingdom.
Asbestos	94	85	83	87	84	84	85	85	85	Canada, South Africa.
Tin	82	80	81	84	84	85	*82*	81	81	Malaysia, Thailand, Indonesia, Bolivia.
Nickel	72	73	71	72	72	70	70	77	77	Canada, Norway, New Caledonia, *Domin. Rep.*
Potassium	(2)	7	42	58	51	61	63	64	66	Canada, Israel.
Cadmium	13	20	7	46	41	64	51	63	66	Canada, *Australia*, Mexico, Belg.-Lux.
Zinc	46	53	54	59	61	58	57	66	62	Canada, Mexico, Spain, Honduras.
Mercury	25	49	41	86	69	62	45	64	62	Algeria, Spain, Italy, Canada, Yugoslavia.
Tungsten	32	57	50	52	46	53	52	56	59	Canada, Bolivia, Rep. of Korea.
Gold	56	72	59	63	52	60	61	*53*	*56*	*Canada*, Switzerland, U.S.S.R.
Titanium [3]	22	9	24	33	25	28	39	41	46	Australia, Canada.
Petroleum [4 5]	16	19	21	37	35	41	51	*47*	*45*	*Saudi Arabia*, Nigeria, Libya, Venezuela.
Silver	43	16	26	44	12	45	31	48	45	Canada, Mexico, Peru, United Kingdom.
Antimony	43	36	40	44	49	54	41	43	43	South Africa, Bolivia, China Mainland, *Mexico.*
Selenium	25	44	11	59	66	59	52	43	40	Canada, Japan, Yugoslavia, Mexico.
Barium	45	46	45	38	32	42	38	37	*40*	*Peru, Ireland*, Mexico, Morocco.
Gypsum	35	37	39	37	34	35	31	32	33	Canada, Mexico, Jamaica.
Iron ore	18	32	30	37	30	31	48	29	28	Canada, Venezuela, *Brazil*, Liberia.
Vanadium	(2)	15	21	36	38	37	35	36	25	South Africa, Chile, U.S.S.R.
Copper	(2)	15	(2)	20	(2)	12	13	20	13	Canada, Chile, Zambia, Peru.
Iron and steel	(2)	7	4	7	9	8	*15*	12	11	*Japan, Europe*, Canada.
Sulfur	(2)	(2)	(2)	(2)	(2)	-	6	12	11	Canada, Mexico.
Aluminum	(2)	4	(2)	4	(2)	9	7	11	*8*	*Canada.*
Natural gas [5]	1	3	4	5	5	5	5	6	6	Canada, Mexico, Algeria.

- Represents zero. [1] Includes alumina. [2] Net exports. [3] Ilmenite. [4] Includes crude and products. [5] Source: Beginning 1977, Energy Information Administration: "Petroleum" from *P.A.D. Supply and Demand*, annual; "Natural gas" from *Petroleum Statement*, monthly.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook;* import and export data from U.S. Bureau of the Census.

NO. 1351. FUEL CONSUMPTION, BY TYPE OF USE: 1960 TO 1979

FUEL AND USE	Unit	CONSUMPTION								PERCENT USE		
		1960	1965	1970	1975	1976	1977	1978	1979 [1]	1965	1970	1979 [1]
Petroleum [2]	Mil. bbl	3,611	4,202	5,365	5,958	6,391	6,727	6,879	6,707	100	100	100
Fuel use	Mil. bbl	3,301	3,802	4,787	5,299	5,689	(NA)	(NA)	(NA)	90	89	(NA)
Nonfuel use	Mil. bbl	310	400	578	659	702	(NA)	(NA)	(NA)	10	11	(NA)
Residential [3]	Mil. bbl	853	978	1,129	1,007	1,094	1,244	1,251	1,259	23	21	19
Industrial	Mil. bbl	644	740	961	1,046	1,243	1,288	1,309	1,332	18	18	20
Transportation	Mil. bbl	1,934	2,272	2,903	3,336	3,501	3,549	3,707	3,549	54	54	53
Electrical generation	Mil. bbl	90	119	334	518	553	647	612	567	3	6	8
Miscellaneous	Mil. bbl	90	93	38	51	–	–	–	–	2	1	–
Natural gas (dry)	Bil. cu. ft	12,269	15,598	21,367	19,537	19,947	19,521	19,627	19,488	100	100	100
Fuel use	Bil. cu. ft	11,949	15,216	20,815	19,008	19,390	(NA)	(NA)	(NA)	97	97	(NA)
Nonfuel use	Bil. cu. ft	320	382	552	529	557	(NA)	(NA)	(NA)	3	3	(NA)
Residential [3]	Bil. cu. ft	4,123	5,347	6,894	7,192	7,434	7,065	7,213	7,648	34	32	39
Industrial	Bil. cu. ft	4,535	5,958	7,889	6,979	6,967	6,815	6,757	6,209	37	37	32
Pipeline fuel	Bil. cu. ft	347	501	722	583	548	533	530	522	3	3	3
Electrical generation	Bil. cu. ft	1,725	2,318	3,894	3,147	3,078	3,191	3,188	3,490	14	18	18
Lease and plant fuel	Bil. cu. ft	1,237	1,156	1,399	1,396	1,634	1,659	1,648	1,619	10	7	8
Miscellaneous	Bil. cu. ft	302	318	569	240	286	257	291	(NA)	2	3	(NA)
Coal [4] [5]	Mil. sh. tons	[5] 407	[5] 473	524	563	604	625	625	681	[5] 100	100	100
Fuel use	Mil. sh. tons	393	467	518	563	604	625	625	681	99	99	100
Nonfuel use	Mil. sh. tons	5	5	6	(Z)	(Z)	(Z)	(Z)	(Z)	1	1	(Z)
Residential [3]	Mil. sh. tons	37	26	16	9	9	9	10	9	6	3	1
Industrial	Mil. sh. tons	175	201	187	148	147	139	135	143	43	36	21
Electrical generation	Mil. sh. tons	177	245	321	406	448	477	481	529	52	61	78

– Represents zero. NA Not available. Z Less than 500,000 short tons or .5 percent. [1] Preliminary. Products refined and processed from crude oil, including still gas, liquefied refinery gas, and natural gas liquids. [3] Includes commercial. [4] Includes anthracite, bituminous, and lignite coals. [5] Includes transportation and miscellaneous, not shown separately.

Source: Through 1975, U.S. Bureau of Mines, *United States Energy Through the Year 2000*, December 1972; and *Minerals Yearbook* (in some cases data have been revised by EIA); thereafter, U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

NO. 1352. PETROLEUM INDUSTRY—SUMMARY: 1940 TO 1979

YEAR	PRODUCING OIL WELLS		COMPLETED WELLS DRILLED (1,000)				DOMESTIC OIL PRODUCTION			Imports crude petroleum (mil. bbl.)	Imports refined petroleum products (mil. bbl.)	Refinery capacity (mil. bbl.)
	Total (1,000)	Daily output per well (bbl.)	Total	Oil	Gas	Dry	Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)			
1940	389	9.6	30	19	2	7	1,353	1.4	1.02	43	41	1,694
1945	416	11.3	27	14	3	7	1,714	2.1	1.22	74	39	1,935
1950	466	11.8	43	24	3	15	1,974	5.0	2.51	178	133	2,444
1955	524	13.2	57	32	4	21	2,484	6.9	2.77	285	170	3,074
1960	591	12.0	44	21	5	18	2,575	7.4	2.88	372	293	3,624
1965	589	13.3	40	19	5	16	2,849	8.2	2.86	452	449	3,933
1970	531	18.0	27	13	4	11	3,517	11.2	3.18	483	765	4,407
1971	517	18.1	25	11	4	10	3,454	11.7	3.39	613	819	4,752
1972	508	18.4	26	11	5	11	3,455	11.7	3.39	811	924	4,918
1973	497	18.3	26	10	6	10	3,361	13.1	3.89	1,184	1,099	5,038
1974	498	17.6	31	13	7	12	3,203	21.6	6.74	1,269	962	5,289
1975	500	16.8	37	16	8	13	3,057	23.1	7.67	1,498	712	5,537
1976	499	16.3	41	17	9	15	2,976	24.2	8.19	1,935	741	5,646
1977	508	16.2	45	19	11	15	3,011	25.8	8.57	2,414	800	6,149
1978	517	17.0	47	18	13	16	3,178	28.5	8.96	2,319	733	6,223
1979, prel	527	16.3	49	19	15	16	3,108	39.3	12.64	2,364	706	6,366

Source: 1940–1955, American Petroleum Institute, Washington, D.C., *Petroleum Facts and Figures*, biennial; beginning 1960, U.S. Energy Information Administration, *Annual Report to Congress, 1979*, volume II.

No. 1353. Crude Petroleum and Refined Products: 1965 to 1979

[**Barrels of 42 gallons.** See tables 1038 and 1039 for additional information. See also *Historical Statistics, Colonial Times to 1970*, series M 138-142, M 178, and M 181]

ITEM	Unit	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Crude petroleum:										
Domestic production	Mil. bbl	2,849	3,517	3,361	3,203	3,057	2,976	3,009	3,178	3,108
Value at wells	Bil. dol	8.2	11.2	13.1	21.6	23.1	24.2	25.8	28.5	(NA)
Average price per barrel at wells	Dol	2.86	3.18	3.89	6.74	7.67	8.14	8.57	8.96	(NA)
World production	Mil. bbl	11,058	16,719	20,561	20,537	19,475	21,192	21,776	21,874	(NA)
U.S. proportion of world total	Percent	26	21	17	16	16	14	14	15	(NA)
Imports	Mil. bbl	452	483	1,184	1,269	1,498	1,935	2,414	2,319	2,364
Value [2]	Mil. dol	1,118	1,052	4,231	15,420	18,374	25,480	33,583	32,140	46,100
Exports	Mil. bbl	1	5	1	1	2	3	18	58	85
Value [2]	Mil. dol	2,841	4,991	2,621	14	178	27	209	389	394
Stocks, Dec. 31	Mil. bbl	220	276	242	265	271	285	348	376	430
Proved reserves [3] Dec. 31	Mil. bbl	31,352	39,001	35,300	34,250	32,682	30,942	29,486	27,804	27,051
Refinery capacity:										
Total [4]	Mil. bbl	3,709	4,337	4,922	5,205	5,379	5,448	5,811	6,151	6,284
Receipts at refineries	Mil. bbl	3,297	3,973	4,546	4,436	4,546	4,920	5,345	5,373	5,314
By pipeline: Domestic	Mil. bbl	2,363	2,840	2,905	2,754	2,662	2,643	2,530	2,418	2,280
Foreign	Mil. bbl	107	237	409	370	398	443	568	594	685
By water: Domestic	Mil. bbl	444	610	399	342	305	271	319	584	590
Foreign	Mil. bbl	344	244	775	896	1,101	1,487	1,835	1,683	1,650
By tank cars and trucks	Mil. bbl	38	43	58	74	80	76	94	94	109
Utilization rate [5]	Percent	(NA)	88.6	89.8	83.9	84.2	87.0	89.1	86.9	88.0
Refined products:										
Completed refineries, Dec. 31	Number	286	279	284	290	287	291	302	311	(NA)
Daily crude oil capacity	Mil. bbl	10.5	13.0	14.5	15.2	15.4	16.6	17.2	17.5	(NA)
Average dealer's net price per gal. (excl. tax) of gasoline (55 cities) [6]	Cents	15.38	17.68	19.48	30.54	35.78	38.99	42.51	44.54	(NA)
Yield of gasoline	Percent	44.0	45.3	45.6	45.9	46.5	45.5	43.4	44.1	44.0
Imports	Mil. bbl	449	765	1,099	962	712	741	800	733	706
Value [2]	Mil. dol	1,047	1,413	3,318	9,223	6,751	6,106	7,943	6,844	9,752
Exports	Mil. bbl	67	89	84	79	74	79	70	74	87
Value [2]	Mil. dol	482	424	391	561	325	501	610	685	858
Stocks, Dec. 31	Mil. bbl	580	741	766	809	862	826	964	901	912

NA Not available. [1] Preliminary. [2] Source: U.S. Bureau of the Census, *FT 135*, monthly, and *FT 410*, monthly. [3] Source: American Petroleum Institute, Washington, D.C., unpublished data. [4] Source: U.S. Energy Information Administration, *Trends in Refinery Capacity and Utilization*, September 1978. [5] Crude runs as percent of domestic capacity. [6] Data from Platt's Oilgram Price Service.

Source: Except as noted, through 1976, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, United States Energy Information Administration, *Energy Data Reports, Petroleum Refineries in the United States and U.S. Territories*, annual.

No. 1354. Petroleum—Runs to Stills and Refinery Products, by Class: 1965 to 1979

[**In millions of barrels, except percent.** Barrels of 42 gallons, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series M 162-77]

PRODUCT	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.	PERCENT		
										1970	1975	1979, prel.
Input	3,527	4,252	4,845	4,714	4,814	5,190	5,594	5,632	5,533	100.0	100.0	100.0
Crude petroleum	3,301	3,967	4,537	4,429	4,541	4,910	5,330	5,380	5,291	93.3	94.3	95.7
Domestic	2,848	3,485	3,360	3,169	3,047	2,989	2,932	3,100	2,962	82.0	63.3	53.5
Foreign	453	482	1,177	1,260	1,494	1,921	2,398	2,280	2,329	11.3	31.0	42.1
Natural gas liquids [1]	226	285	308	285	273	279	264	252	242	6.7	5.7	4.4
Output	3,527	4,252	4,845	4,714	4,814	5,190	5,594	5,632	5,533	100.0	100.0	100.0
Gasoline	1,694	2,100	2,399	2,336	2,393	2,516	2,581	2,616	2,495	49.4	49.7	45.1
Distillate fuel oil	765	896	1,029	974	968	1,070	1,196	1,156	1,144	21.1	20.1	20.7
Residual fuel oil	269	258	354	390	451	504	640	609	614	6.1	9.4	11.1
Jet fuel	191	302	314	305	318	336	355	354	369	7.1	6.6	6.7
Petrochemical feedstocks	58	100	132	135	122	164	193	223	253	2.3	2.5	4.6
Still gas (1 bbl. = 3,600 cu. ft.)	135	164	177	176	175	181	191	200	202	3.9	3.6	3.7
Asphalt (5.5 bbl. = 1 sh. ton)	124	147	168	164	144	140	154	173	167	3.5	3.0	3.0
Coke (5 bbl. = 1 sh. ton)	86	108	132	124	129	130	135	135	137	2.5	2.7	2.5
Liquefied gases	107	116	128	117	109	119	122	130	126	2.7	2.3	2.3
Kerosene	93	95	79	56	56	56	62	56	67	2.2	1.2	1.2
Other finished products	117	135	144	149	130	157	165	176	170	3.2	2.7	3.1
Shortage and other oils (net) [2]	112	169	211	212	181	183	199	195	211	4.0	3.8	3.8

[1] Includes other liquid hydrocarbon. [2] Negative quantities.

Source: Through 1976, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement*, annual.

NO. 1355. CRUDE PETROLEUM AND NATURAL GAS—WELLS DRILLED, FOOTAGE, AND DRILLING COST, BY TYPE OF WELL: 1960 TO 1978

[Includes all costs incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

ITEM AND YEAR	WELLS DRILLED		Footage drilled (mil. ft.)	DRILLING COST (mil. dol.)		Average depth per well (ft.)	AVERAGE COST PER WELL ($1,000)		Average cost per ft. (dol.)
	Total	Offshore		Total	Offshore		Total	Offshore	
All wells: 1960	44,133	538	186.4	2,424	208	4,223	55	386	13.01
1965	39,596	1,037	178.7	2,401	428	4,513	61	413	13.44
1970	27,177	1,058	136.9	2,579	599	5,037	95	566	18.84
1973	26,244	888	136.7	3,075	578	5,207	117	651	22.50
1974	31,481	830	150.9	4,367	680	4,795	139	819	28.93
1975	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	36.99
1976	38,941	1,028	184.4	7,462	1,475	4,736	192	1,435	40.46
1977	43,826	1,217	212.7	9,956	2,056	4,853	227	1,689	46.81
1978	46,655	1,197	230.6	13,061	2,577	4,943	280	2,153	56.63
Oil wells: 1960	21,294	301	84.0	1,111	98	3,946	52	326	13.22
1965	18,857	487	76.5	1,067	193	4,059	57	396	13.94
1970	12,547	533	56.4	1,088	282	4,496	87	528	19.29
1973	9,705	296	44.7	1,007	182	4,602	104	615	22.54
1974	13,073	253	51.8	1,440	170	3,960	110	670	27.82
1975	16,276	283	66.1	2,257	253	4,059	139	892	34.15
1976	16,878	275	68.3	2,550	322	4,044	151	1,172	37.35
1977	18,077	288	74.7	3,073	419	4,130	170	1,454	41.16
1978	17,790	298	74.4	3,700	543	4,182	208	1,822	49.72
Gas wells: 1960	5,262	87	29.1	540	53	5,526	103	606	18.58
1965	4,772	118	26.5	486	67	5,552	102	571	18.35
1970	3,844	193	23.1	618	139	6,007	161	720	26.75
1973	6,427	193	36.3	998	154	5,654	155	798	27.46
1974	6,695	155	37.1	1,267	152	5,546	189	978	34.11
1975	7,654	271	43.4	2,005	336	5,667	262	1,247	46.23
1976	8,904	273	48.4	2,407	396	5,432	270	1,450	49.78
1977	11,479	393	62.5	3,599	675	5,446	314	1,716	57.57
1978	13,306	419	72.8	4,979	983	5,472	374	2,345	68.37
Dry holes: 1960	17,577	150	73.3	774	57	4,168	44	377	10.56
1965	15,967	432	75.7	849	167	4,739	53	387	11.21
1970	10,786	332	57.4	873	178	5,320	81	536	15.21
1973	10,112	399	55.7	1,070	242	5,504	106	608	19.22
1974	11,713	422	62.0	1,660	359	5,297	142	850	26.76
1975	13,030	474	68.2	2,309	584	5,234	177	1,232	33.86
1976	13,159	480	67.8	2,505	757	5,152	190	1,577	36.94
1977	14,270	536	75.5	3,285	963	5,292	230	1,796	43.49
1978	15,559	480	83.4	4,382	1,052	5,359	282	2,191	52.55

Source: American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association, *Joint Association Survey of the U.S. Oil and Gas Producing Industry*, annual.

NO. 1356. OIL AND GAS LEASES AND PRODUCTION ON THE OUTER CONTINENTAL SHELF, BY STATES: 1976 TO 1978

[**Barrels of 42 gallons.** For years ending **June 30** except, beginning **1977, Sept. 30.** Covers leases made in ocean waters belonging to the U.S. and subject to its jurisdiction and control under provisions of the Outer Continental Shelf Lands Act. See also table 402]

STATE	LEASES			ACRES (1,000)			OIL PRODUCTION (mil. bbl.)			GAS PRODUCTION (mil. cu. ft.)		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
Total	**1,878**	**2,089**	**2,110**	**8,823**	**9,879**	**10,072**	**322.8**	**301.6**	**291.6**	**3,493**	**3,653**	**4,252**
Alabama	11	11	8	63	63	45	-	-	-	-	-	-
Alaska	76	76	163	409	409	904	-	-	-	-	-	-
California	124	121	108	657	640	577	14.7	12.5	12.3	4	3	3
Florida	50	46	35	288	265	202	-	-	-	-	-	-
Louisiana	1,217	1,319	1,267	5,254	5,700	5,465	306.9	288.2	278.4	3,386	3,560	4,093
Mississippi	6	6	4	35	35	23	-	-	-	-	-	-
Texas	394	417	389	2,117	2,239	2,081	1.2	.9	.9	103	89	156
Offshore Atlantic	-	93	136	-	529	774	-	-	-	-	-	-

- Represents zero.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 1357. PETROLEUM INDUSTRY—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY FUNCTION: 1960 TO 1980

[In billions of dollars]

EXPENDITURE FUNCTION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980 [1]
Total	2.9	4.0	5.6	5.3	5.5	8.0	10.5	11.6	13.9	15.5	16.6	19.3
Production	1.6	2.0	2.2	2.2	2.6	3.9	5.1	5.6	7.1	8.2	8.4	9.8
Refining and petrochemicals	.6	.9	1.4	1.2	1.1	2.2	2.9	3.4	3.6	3.7	4.4	4.6
Marketing	.5	.7	1.1	1.0	.6	.5	.5	.6	.7	.8	.8	.7
Transportation	.2	.2	.4	.3	.4	.5	.8	1.0	1.0	.7	.7	1.1
Other	.1	.2	.6	.6	.7	.9	1.2	1.1	1.6	2.1	2.2	3.1

[1] Estimates are based on planned capital expenditures reported in late January and February 1980.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

NO. 1358. CRUDE PETROLEUM AND NATURAL GAS—SALES VOLUME AND LEASE REVENUES, 1967 TO 1978, AND DRILLING EXPENDITURES AND EMPLOYMENT, 1973 TO 1978

[Figures on a gross operator basis, *under* which individual companies responsible for management and operation of oil and *gas field leases reported on all properties operated for their own account and account of others.* Lease revenues represent revenues generated from *sales of either* crude petroleum or natural gas, comparable to sales volume reported *and including* production payment, royalty, and nonoperating working interest *shares*]

ITEM AND YEAR	All companies, total	COMPANIES RANKED BY LEASE REVENUES					PERCENT OF TOTAL		
		Top 8	Next 8	Next 16	Top 50	Top 100	Top 8	Top 16	Top 32
Sales volume of—									
Crude petroleum: [1] 1967 (mil. bbl.)	3,044	1,647	517	263	2,552	2,659	54	71	80
1972	3,373	1,818	613	317	2,852	2,977	54	72	81
1973	3,348	1,802	619	299	2,840	2,964	54	72	81
1974	3,159	1,708	581	291	2,693	2,811	54	72	82
1975	3,086	1,654	553	282	2,626	2,753	54	72	81
1976	2,905	1,482	588	270	2,436	2,585	51	71	80
1977	3,015	1,498	617	278	2,529	2,669	49	70	79
1978	3,148	1,475	728	317	2,645	2,766	46	69	84
Natural gas: 1967 (bil. cu. ft.)	17,126	7,904	3,105	2,551	14,377	15,560	46	64	79
1972	21,902	10,607	3,546	2,800	18,170	19,446	48	65	77
1973	22,315	11,322	3,578	2,703	18,505	19,851	51	67	79
1974	21,878	9,861	4,065	2,529	17,539	19,098	45	64	75
1975	20,455	8,898	3,864	2,391	16,207	17,661	44	62	74
1976	19,902	8,727	3,515	2,598	15,906	17,273	44	62	75
1977	19,607	8,377	2,732	2,894	15,391	16,749	42	56	71
1978	19,436	8,144	2,874	2,887	15,271	16,703	41	56	71
Lease revenues for—									
Crude petroleum: [1] 1967 (mil. dol.)	8,800	4,899	1,475	730	7,456	7,763	56	72	81
1972	11,332	6,194	2,024	1,053	9,608	10,018	55	73	82
1973	13,040	7,036	2,448	1,136	11,103	11,601	54	73	81
1974	20,938	11,205	3,708	1,812	17,495	18,345	54	71	80
1975	22,852	11,961	3,948	1,915	18,900	19,978	52	70	78
1976	22,936	11,537	4,279	2,004	18,673	19,951	50	69	78
1977	25,071	11,967	4,572	2,493	20,179	21,490	47	65	75
1978	27,381	12,609	5,464	2,989	22,202	23,440	46	66	76
Natural gas: 1967 (mil. dol.)	2,888	1,341	501	419	2,438	2,640	46	64	78
1972	4,317	2,062	687	591	3,596	3,843	48	64	77
1973	5,064	2,493	794	634	4,160	4,494	49	65	77
1974	6,726	3,036	1,238	777	5,400	5,894	45	64	75
1975	8,929	3,859	1,618	1,048	7,018	7,755	43	61	73
1976	12,099	4,813	1,989	1,558	9,251	10,168	40	56	69
1977	16,820	6,662	2,171	2,533	12,713	13,995	39	52	67
1978	19,616	7,441	2,683	3,098	14,666	16,456	37	51	67
Drilling expenditures: [2] 1973 (mil. dol.)	3,194	1,095	367	344	2,202	2,529	36	48	58
1974	4,607	1,338	585	529	2,711	3,388	29	42	53
1975	6,507	1,866	815	838	3,932	4,719	29	41	54
1976	8,071	2,706	958	1,036	5,475	6,184	34	45	58
1977	10,178	3,081	1,208	1,260	6,387	7,410	30	42	54
1978	12,953	3,944	1,732	1,641	8,319	9,770	30	43	56
Employment: 1973 (1,000)	124	38	18	13	74	81	31	45	55
1974	125	38	16	16	75	83	30	43	56
1975	137	40	18	15	79	88	29	42	53
1976	136	43	18	15	81	90	31	44	55
1977	134	42	16	17	81	91	31	43	56
1978	153	46	19	22	93	107	30	42	56

[1] Includes condensate. [2] Represents expenditures incurred during *the year for drilling* and equipping wells.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA-13K-1, *Annual Survey of Oil and Gas.*

NO. 1359. CRUDE PETROLEUM AND NATURAL GAS—PRODUCTION, BY STATES: 1966 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series M 138 and M 142 for petroleum production, and series M 147–161 for natural gas production]

STATE	PETROLEUM PRODUCTION (mil. bbl.)							NATURAL GAS MARKETED PRODUCTION (bil. cu. ft.)						
	1966–1970, avg.	1971–1975, avg.	1975	1976	1977	1978	1979	1966–1970, avg.	1971–1975, avg.	1975	1976	1977	1978	1979
Total	**3,292**	**3,306**	**3,057**	**2,976**	**3,009**	**3,178**	**3,115**	**19,464**	**21,876**	**20,109**	**19,952**	**20,026**	**19,974**	**20,471**
Ala	8	11	13	14	18	20	19	(z)	16	38	41	57	86	86
Alaska	53	73	70	63	169	449	512	41	134	160	166	188	203	221
Ark	21	17	16	18	20	20	19	146	147	116	110	104	107	110
Calif	365	337	322	326	350	347	352	683	447	318	354	312	311	248
Colo	30	34	38	39	39	37	32	120	136	172	184	189	184	191
Ill	54	32	26	26	26	23	22	5	1	1	2	1	1	2
Ind	9	6	5	5	5	5	4	(z)	(z)	(z)	(z)	(z)	(z)	(z)
Kans	94	68	59	59	57	57	57	868	880	844	829	781	855	798
Ky	14	9	8	7	7	6	5	83	66	61	66	61	70	60
La	804	809	651	607	563	533	494	6,446	7,828	7,091	7,007	7,215	7,477	7,266
Mich	13	16	24	30	33	35	34	37	55	102	119	130	148	160
Miss	60	56	47	46	43	42	38	138	95	74	71	83	107	144
Mont	40	34	33	33	33	30	30	32	44	41	43	47	47	54
Nebr	13	8	6	6	6	6	6	8	3	3	3	3	3	3
N. Mex	127	105	95	92	87	83	79	1,101	1,213	1,217	1,231	1,203	1,174	1,181
N. Dak	24	21	20	22	23	25	31	39	30	25	32	29	31	19
Ohio	11	9	10	10	10	11	13	46	88	85	89	99	114	123
Okla	225	190	163	161	156	150	144	1,455	1,701	1,605	1,727	1,770	1,774	1,635
Texas	1,142	1,261	1,222	1,190	1,138	1,074	1,013	7,570	8,276	7,486	7,192	7,051	6,548	7,175
Utah	24	33	42	34	33	31	27	51	46	55	57	61	58	59
Wyo	146	141	136	134	136	137	125	275	351	316	329	330	357	414
Other	15	36	50	54	57	57	59	322	319	298	303	312	321	323

Z Less than 500 million cubic feet.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Natural Gas Production and Consumption,* annual, and *Crude Petroleum, Petroleum Products, and Natural Gas Liquids,* annual.

NO. 1360. NATURAL GAS—SUPPLY, PRODUCTION, CONSUMPTION, RESERVES, AND MARKETED PRODUCTION, BY STATES: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series M 147–161]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Producing wells	1,000	91	112	117	124	128	132	137	148	157	(NA)
Production value at wells.[1]	Mil. dol	1,790	2,495	3,746	4,894	6,573	8,945	11,572	15,834	18,085	22,504
Avg. per 1,000 cu. ft.	Cents	14.0	15.6	17.1	21.6	30.4	44.5	58.0	79.0	90.5	114.4
Proved reserves[2]	Tril. cu. ft	264	286	291	250	237	228	216	209	200	195
Total supply	**Bil. cu. ft**	**13,640**	**17,456**	**24,200**	**25,213**	**24,260**	**22,821**	**22,837**	**22,786**	**23,097**	**23,749**
Marketed production[1]	Bil. cu. ft	12,771	16,040	21,921	22,647	21,601	20,109	19,952	20,025	19,974	20,471
Drawn from storage	Bil. cu. ft	713	960	1,459	1,533	1,701	1,760	1,921	1,750	2,158	2,047
Imports[3]	Bil. cu. ft	156	456	821	1,033	959	953	964	1,011	966	1,231
Consumption, total[4]	Bil. cu. ft	12,509	16,033	22,046	22,966	22,111	20,410	20,801	19,521	19,627	19,488
Residential	Bil. cu. ft	3,103	3,903	4,837	4,879	4,786	4,924	5,051	4,821	4,903	4,999
Commercial[5]	Bil. cu. ft	1,020	1,443	2,399	2,597	2,556	2,508	2,668	2,501	2,601	2,649
Industrial[6]	Bil. cu. ft	8,386	10,687	14,810	15,490	14,769	12,978	13,081	12,199	12,123	11,840
Electric utilities	Bil. cu. ft	1,725	2,321	3,932	3,660	3,443	3,158	3,081	3,191	3,188	3,490
Field[4]	Bil. cu. ft	1,780	1,910	2,305	2,412	2,365	2,269	2,488	1,659	1,648	1,619
Refineries	Bil. cu. ft	775	860	1,029	1,074	1,040	946	928	914	804	(NA)
Pipeline fuel	Bil. cu. ft	347	501	722	728	669	583	548	533	530	522
Exports	Bil. cu. ft	11	26	70	77	77	73	65	56	53	50
Stored	Bil. cu. ft	844	1,078	1,857	1,974	1,784	2,104	1,756	2,307	2,278	2,384
Transmission loss	Bil. cu. ft	274	319	228	196	289	235	216	41	287	183
World production	Bil. cu. ft	6,917	24,537	37,542	46,144	47,179	47,364	49,497	51,394	53,871	(NA)
Percent U.S. of world	Percent	[7] 75.5	[7] 65.4	58.4	49.1	45.8	42.5	40.3	39.0	37.1	(NA)

NA Not available. [1] Comprises gas sold or consumed by producers, including loss due to natural gas liquids recovery, losses in transmission, amounts added to storage, and increases in gas in pipelines. Beginning 1965, data on pressure base of 14.73 pounds per square inch absolute; 1960, 14.65. [2] Estimated, end of year. Source: American Gas Association, Arlington, Va. (Copyright.) [3] Beginning 1970, includes imports of liquefied natural gas. [4] Beginning 1977, excludes extraction loss. [5] Beginning 1970, includes deliveries to municipalities and public authorities for institutional heating and other purposes. [6] Includes other uses, not shown separately. [7] Source: U.S. Dept. of the Interior, *Energy Perspectives 2*, June 1976.

Source: Except as noted, through 1975, U.S. Bureau of Mines, *Minerals Yearbook* (in some cases data have been revised by EIA); thereafter, U.S. Energy Information Administration, *Natural Gas Production and Consumption,* annual.

NO. 1361. NATURAL GAS LIQUIDS—PRODUCTION AND VALUE: 1960 TO 1978

[**Barrels of 42 gallons.** *1960* excludes Alaska. See also *Historical Statistics, Colonial Times to 1970,* series M 143-146]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total produced	Mil.bbl.	**340**	**442**	**606**	**638**	**634**	**616**	**596**	**587**	**590**	**572**
Natural gasoline and *mixtures*	Mil. bbl	107	130	165	164	161	148	134	133	133	126
Liquefied petroleum gases	Mil. bbl	201	268	400	445	447	448	444	437	443	432
Cycle products	Mil. bbl	32	44	41	29	26	20	18	17	14	14
All light products:											
Average value	Dol. per bbl	2.39	2.06	2.10	2.28	2.93	5.01	4.65	5.59	685	7.85
Average yield	Gal. per 1,000 cu. ft	1.46	1.35	1.37	1.34	1.35	1.38	1.42	1.39	1.41	1.41
Natural gas processed	Tril. cu. ft	10	14	19	20	20	19	18	18	18	17

Source: Through 1976, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement,* annual.

NO. 1362. COAL AND COKE—SUMMARY: 1960 TO 1979

[*Includes coal consumed at mines.* Demonstrated coal reserve base for United States on Jan. 1, 1976, was 438 billion tons. Recoverability varies between 40 and 90 percent for individual deposits; *50 percent or more* of overall U.S. coal reserve base is recoverable. See also *Historical Statistics, Colonial Times to 1970,* series M 93-126]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
COAL [2]											
Total production	Mil. sh. tons	434	527	613	599	610	655	685	697	670	776
Value	Mil. dol.	2,098	2,398	3,878	5,140	9,631	12,671	13,399	13,908	14,664	[3] 18,095
World production	Mil. sh. tons	2,899	3,079	3,295	3,399	3,457	3,617	3,720	3,839	3,925	(NA)
Bituminous:											
Number of mines	Number	7,865	7,228	5,601	4,744	5,247	6,168	6,161	6,077	6,229	6,000
Production	Mil. sh. tons	416	512	603	592	603	648	679	691	665	770
Value, total	Mil. dol.	1,950	2,276	3,773	5,050	9,486	12,472	13,189	13,705	14,486	18,095
Average per ton	Dollars	4.69	4.44	6.26	8.53	15.75	19.23	19.43	19.82	21.78	23.50
Method of mining:											
Underground	Mil. sh. tons	285	333	339	299	277	292	295	266	242	301
Surface	Mil. sh. tons	131	179	264	292	326	356	384	425	423	469
Percent of total prod'n	Percent	31.4	35.1	43.8	49.5	54.0	54.8	56.6	61.5	63.6	60.9
Exports	Mil. sh. tons	37	50	71	53	60	66	59	54	40	65
Value	Mil. dol.	332	465	951	1,002	2,420	3,233	2,886	2,628	2,004	3,328
Imports	1,000 sh. tons	260	184	36	127	2,080	940	1,203	1,647	2,953	2,059
Value [3]	*Mil. dol.*	2	2	(z)	2	58	22	18	39	75	51
Consumption [4]	Mil. sh. tons	380	459	516	557	553	558	599	620	621	677
Electric power utilities	Mil. sh. tons	174	243	319	388	390	404	447	476	480	528
Industrial	*Mil sh. tons*	173	197	184	161	154	146	145	138	133	142
Average men employed [5]	1,000	169	134	140	148	167	190	202	221	[1] 223	252
Average days worked	Number	191	219	228	227	206	232	232	210	[1] 207	227
Average tons per man:											
Per day	Tons	12.83	17.52	18.84	17.58	17.58	14.74	14.46	14.84	[1] 14.26	13.50
Per year	*Tons*	2,453	3,829	4,296	3,991	3,848	3,420	3,355	3,235	2,952	3,065
Production, by State:											
Alabama	Mil. sh. tons	13.0	14.8	20.6	19.2	19.8	22.6	21.5	21.5	20.6	23.8
Illinois	Mil. sh. tons	46.0	58.5	65.1	61.6	58.2	59.5	58.2	53.5	48.6	59.2
Indiana	Mil. sh. tons	15.5	15.6	22.3	25.3	23.7	25.1	25.4	27.8	24.2	27.3
Kentucky	Mil. sh. tons	66.8	85.8	125.3	127.6	137.2	143.6	144.0	146.3	135.7	142.0
Ohio	Mil. sh. tons	34.0	39.4	55.4	45.8	45.4	46.8	46.6	47.9	41.2	45.6
Pennsylvania	Mil. sh. tons	65.4	80.3	80.5	76.4	80.5	84.1	85.8	84.6	81.5	85.5
Virginia	Mil. sh. tons	27.8	34.1	35.0	34.0	34.3	35.5	40.0	37.6	31.9	41.6
West Virginia	Mil. sh. tons	116.9	149.2	144.1	115.4	102.5	109.3	108.8	95.4	85.3	114.6
Wyoming	Mil. sh. tons	2.0	3.3	7.2	14.9	20.7	23.8	30.8	46.0	58.3	71.8
Other States	Mil. sh. tons	26.0	31.3	47.4	71.5	81.1	98.1	17.6	130.7	137.8	158.6
COKE											
Production [6]	Mil. sh. tons	57.2	66.9	66.5	64.3	61.6	57.2	58.3	53.5	49.0	52.9
Oven coke [7]	Mil. sh. tons	56.2	65.2	65.7	63.5	60.7	56.5	57.7	53.1	49.0	52.9
Value of prod. at plant	Mil. dol.	1,382	1,429	2,193	2,931	5,262	5,261	5,941	5,536	6,531	(NA)
Coke and breeze	*Mil. dol.*	1,075	1,118	1,899	2,575	4,609	4,607	5,021	4,653	5,608	(NA)
Avg. market value per ton	Dollars	18.31	16.84	27.71	37.97	73.24	84.34	86.07	84.56	97.06	(NA)
Coal charged	Mil. sh. tons	81.4	95.3	96.5	94.1	90.2	83.6	84.7	77.7	71.4	77.1
Average value per ton	Dollars	9.82	9.40	12.47	18.24	36.49	44.21	44.16	46.26	52.1	(NA)
Yield of coke from coal	Percent	70.3	70.4	69.1	68.4	69.3	68.4	68.9	68.8	68.6	68.6

NA Not available. Z Less than $500,000. [1] Preliminary. [2] Relates to mines having an output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. [3] Bituminous coal and lignite only; anthracite not available. [4] Includes some categories not shown separately. [5] *Average number of men working* daily. [6] Includes beehive coke. [7] Prior to 1978, *excludes* screenings or breeze; thereafter, includes beehive and other nonrecoverable coke-oven operations.

Source: 1960 to 1976, U.S. Bureau of Mines, *Minerals Yearbook,* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Weekly Coal Production* and *Coke and Chemicals Monthly.*

No. 1363. CEMENT—SUMMARY: 1960 TO 1978

[*In thousands of short tons, except as indicated.* Includes Puerto Rico. Excludes Alaska except for imports and exports. See *Historical Statistics, Colonial Times to 1970,* series M 188-189, for related data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Active plants, Portland, number [1]	180	185	183	172	176	174	169	163	164
Production of finished cement [1]	62,816	73,103	76,116	87,573	82,888	69,721	74,495	80,093	85,503
Portland	59,974	69,827	73,168	83,551	79,486	66,796	71,227	76,340	81,379
Prepared masonry	2,736	3,223	2,948	4,022	3,402	2,925	3,268	3,753	4,124
Shipments [1]	61,492	73,637	76,385	90,727	82,914	70,684	75,226	81,614	87,999
Value (mil. dol.)	1,104	1,245	1,366	2,017	2,221	2,220	2,576	3,000	3,623
Average per ton (dollars)	17.95	16.91	17.88	22.23	26.79	31.41	34.24	36.76	41.17
Portland	58,711	70,328	73,406	86,597	79,482	67,776	71,922	77,850	83,849
Prepared masonry	2,678	3,256	2,978	4,130	3,432	2,908	3,304	3,764	4,150
Stock at mills, Dec. 31 (Portland)	6,700	6,207	7,228	5,230	7,156	6,575	6,790	5,709	5,012
Imports	772	1,035	2,473	6,647	5,702	3,637	3,074	3,989	6,577
Exports	35	141	123	268	199	417	343	236	55
World production, est. (mil. sh. tons)	349	478	630	773	776	774	822	823	938

[1] Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement.

No. 1364. SAND AND GRAVEL—QUANTITY SOLD AND VALUE: 1960 TO 1978

[**Quantities in millions of short tons.** See also *Historical Statistics, Colonial Times to 1970,* series M 193]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total sold or used by producers [1]	710	908	944	914	984	905	789	885	929	996
Processed sand	227	284	321	330	347	323	265	418	439	490
Sand and gravel	465	599	594	554	608	553	497	437	458	474
Total value (mil. dol.)	720	957	1,116	1,201	1,359	1,421	1,340	1,774	2,028	2,302
Average per ton (dollars)	1.01	1.05	1.18	1.31	1.38	1.57	1.79	2.00	2.18	2.29
Use: Construction	692	883	915	884	955	876	762	855	898	963
Industrial sand and gravel	18	25	29	30	29	29	27	30	31	33
Number of operations	(NA)	(NA)	5,918	5,384	5,681	6,967	7,014	7,599	7,402	7,131
Employment (1,000)	52.0	53.0	45.5	43.0	49.0	39.0	[2] 40.0	[2] 40.0	41.5	40.5

NA Not available. [1] Includes industrial sand and gravel shown below. [2] Estimate.

No. 1365. GYPSUM—SUMMARY: 1960 TO 1979

[**Quantities in thousands of short tons; values in millions of dollars.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See *Historical Statistics, Colonial Times to 1970,* series M 190, gypsum mined]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Active establishments [1] *(number)*	96	113	108	112	116	110	117	115	116	113
Crude gypsum: [2]										
Apparent supply	15,109	15,916	15,523	21,156	19,291	15,124	17,927	20,321	23,067	22,312
Mined	9,825	10,033	9,436	13,558	11,999	9,751	11,980	13,390	14,891	14,630
Imports for consumption	5,301	5,911	6,128	7,661	7,424	5,448	6,231	7,074	8,308	7,773
Exports	17	28	41	63	132	75	284	143	132	91
Calcined gypsum produced	8,591	9,320	8,449	12,592	10,993	9,181	11,036	12,590	14,041	14,543
Value	121	133	132	205	206	186	237	278	387	442
Gypsum products sold, value [3]	361	420	353	633	623	514	655	911	1,248	1,392
Building uses, value	339	391	323	588	570	466	598	843	1,171	1,312

[1] Each mine, plant, or combination mine and plant is counted as 1 establishment. [2] Excludes byproduct gypsum. [3] Made from domestic, imported, and byproduct gypsum.

No. 1366. LIME—QUANTITY SOLD OR USED BY PRODUCERS: 1960 TO 1979

[**In thousands of short tons, except as noted.** Excludes Puerto Rico. See also *Historical Statistics, Colonial Times to 1970,* series M 191-192]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Active plants (number)	157	212	194	172	171	163	161	155	154
Quantity sold [1]	12,935	16,794	19,747	21,606	19,133	20,229	19,947	20,443	20,945
Value (mil. dol.)	173	233	286	474	524	609	666	750	862
Per ton (dollars)	13.35	13.87	14.49	21.92	27.38	30.11	33.42	36.67	41.18
Open-market lime	8,189	10,449	12,718	14,640	12,840	14,024	14,202	15,062	15,200
Captive tonnage lime	[2] 4,746	6,345	7,029	6,966	6,292	6,205	5,745	5,381	5,200
Quicklime	8,271	12,009	15,248	17,795	15,875	16,924	16,281	16,845	17,553
Hydrated	2,715	2,609	3,126	2,533	2,344	2,298	2,698	2,582	2,599
Dead-burned dolomite	1,949	2,176	1,373	1,278	914	1,007	968	1,016	793

[1] Includes quantity used by producers. [2] Incomplete; only partial coverage of captive plants.

Source of tables 1363-1366: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1367. Stone—Quantity Sold or Used by Producers, and Value: 1965 to 1978

[See *Historical Statistics, Colonial Times to 1970*, series M 194; for total quantity]

Kind of stone	Quantity sold or used [1] (mil. short tons)							Value (*mil. dol.*)						
	1965	1970	1974	1975	1976	1977	1978	1965	1970	1974	1975	1976	1977	1978
Total [2]	**780**	**869**	**1,044**	**901**	**902**	**955**	**1,051**	**1,204**	**1,470**	**2,186**	**2,120**	**2,221**	**2,457**	**2,886**
Granite	60	87	119	95	99	109	122	121	183	290	271	*296*	*331*	*398*
Basalt [3]	76	77	97	78	75	77	84	121	147	218	193	193	208	241
Sandstone	29	24	31	27	27	30	29	62	59	87	85	*89*	*100*	96
Marble	2	2	2	2	2	2	2	39	34	42	32	31	36	39
Limestone	555	626	752	665	663	707	786	766	961	1,446	1,437	1,516	1,698	2,027
Other stone	34	29	23	18	18	15	14	46	40	43	37	42	35	33
Shell	22	22	18	15	14	13	12	34	31	44	53	37	33	33
Slate	1	1	1	1	1	1	1	14	13	17	12	13	9	9

[1] Quantities of stone not sold by short tons are expressed in approximate short ton equivalents. [2] Includes calcareous marl, not shown separately. [3] Includes related rocks.

No. 1368. Phosphate Rock—Summary: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series M 203-204]

Item	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Mine production	Mil. ton	60.9	84.3	125.5	155.8	187.5	170.1	184.0	191.2	204.8
P_2O_5 content	Mil. ton	9.3	14.3	18.6	20.8	23.5	20.1	*22.4*	*23.5*	*25.4*
Marketable production	Mil. ton	19.6	29.5	38.7	45.7	48.8	49.2	52.1	55.2	56.9
P_2O_5 content	Mil. ton	6.1	9.1	12.0	14.1	15.0	15.1	16.1	16.9	17.5
Value	*Mil. dol.*	117.0	193.3	203.2	501.4	1,122.2	949.4	821.7	928.8	1,045.7
Per ton	Dollars	5.97	6.55	5.25	10.98	22.99	19.28	15.77	16.84	18.38
Sold or used by producers	Mil. sh. ton	19.3	29.0	38.8	48.4	46.4	44.7	52.3	53.8	58.5
P_2O_5 content	Mil. sh. ton	6.0	9.0	12.1	14.9	14.3	13.7	16.2	16.5	18.0
Value	Mil. dol.	115.4	188.6	203.8	529.1	1,053.0	857.2	829.1	901.4	1,063.5
Per ton	Dollars	5.99	6.49	5.26	10.92	22.67	19.19	15.86	16.77	18.18
Imports [1]	Mil. sh. ton	.14	.15	.14	.18	.04	.05	.17	1.00	.98
Value	*Mil. dol.*	3.8	3.0	3.8	9.0	1.6	2.2	*6.1*	*24.4*	*21.6*
Per ton	Dollars	26.07	20.14	27.87	49.45	43.83	43.59	35.02	24.38	22.04
Exports	Mil. sh. ton	4.5	7.3	11.7	13.9	*12.3*	*10.4*	*14.6*	*14.2*	*15.8*
P_2O_5 content	Mil. sh. ton	1.4	2.3	3.8	4.5	4.0	3.3	4.7	4.5	5.1
Value	Mil. dol.	26.6	51.1	60.0	194.0	*429.2*	*272.8*	*288.6*	*297.4*	*356.5*
Per ton	*Dollars*	5.95	6.98	5.11	13.96	34.98	26.23	19.79	20.94	22.56
Consumption, apparent [2]	Mil. sh. ton	14.9	21.9	27.2	34.7	34.2	34.3	37.9	40.6	43.6
World production	Mil. sh. ton	46.1	70.3	93.6	120.0	118.6	118.5	128.5	137.4	140.9

[1] For consumption; P_2O_5 content not available. [2] Amount sold or used plus imports minus exports.

No. 1369. Potash—Summary: 1960 to 1979

[*In thousands of short tons, except value* See also *Historical Statistics, Colonial Times to 1970*, series M 201-202]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979
Production of potassium salts (marketable)	4,472	5,401	4,853	4,716	4,576	4,427	4,675	4,769	4,708
Approximate equivalent K_2O	2,638	3,140	2,729	2,552	2,501	2,500	2,457	2,483	2,453
Value [1] *(mil. dol.)*	89.7	129.8	98.1	159.1	*223.1*	210.8	*206.9*	*221.2*	260.1
Sales of potassium salts by producers	4,412	5,027	4,703	4,708	3,819	4,612	4,679	4,804	5,014
Approximate equivalent K_2O	2,602	2,931	2,669	2,545	2,094	2,500	*2,460*	*2,543*	*2,632*
Value at plant (mil. dol.)	88.4	121.2	92.4	158.6	187.9	210.8	206.9	226.5	279.2
Per ton (dollars)	20.04	24.10	19.64	33.69	49.19	*45.70*	*44.22*	*47.15*	*55.68*
Imports for consumption of potash materials	415	1,867	4,403	7,245	6,271	7,575	8,381	8,556	9,375
Approximate equivalent K_2O	226	1,108	2,605	4,326	3,797	4,594	5,076	5,189	5,693
Value (mil. dol.)	15.4	52.7	94.7	236.7	267.2	344.0	373.8	399.2	520.8
Exports of potash materials	833	1,099	966	1,415	1,419	1,670	1,650	1,577	1,233
Approximate equivalent K_2O	491	648	544	787	779	945	932	892	700
Value (mil. dol.)	25.9	42.5	28.5	66.2	92.7	91.9	90.2	88.6	79.5
Apparent consumption of potassium salts [2]	3,994	5,795	8,140	10,538	8,671	10,517	*11,405*	*11,782*	*13,156*
Approximate equivalent K_2O	2,337	3,391	4,730	6,084	5,112	6,149	6,604	6,838	7,626
World production (marketable), approximate equivalent K_2O	10,000	15,100	20,013	26,228	27,269	26,880	28,440	28,660	29,040

[1] Derived from reported value of amount sold or used. [2] Amount sold or used plus imports minus exports.

Source of tables 1367-1369: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1370. Sulfur—Summary: 1960 to 1979

[In thousands of long tons, except value. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 195–199]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Production, sulfur, all forms [1]	6,661	8,212	9,557	10,921	11,419	11,259	10,707	10,558	10,999	11,910
Sulfur from Frasch mines	5,037	6,116	7,082	7,605	7,901	7,211	6,264	5,822	5,559	6,257
Recovered elemental sulfur	767	1,215	1,457	2,416	2,632	2,969	3,138	3,567	3,998	4,006
Pyrites, sulfur content only	416	354	339	212	162	237	286	166	296	394
Gross weight of total pyrites	1,016	875	845	559	424	625	750	435	766	1,033
Byproduct sulfuric acid [2]	345	388	537	600	654	767	942	945	1,086	1,148
Shipments, Frasch mines	5,130	7,251	6,504	7,438	7,898	6,077	5,860	5,935	5,645	7,388
Approximate value (mil. dol.)	118	165	154	139	241	305	300	295	280	449
Avg. value per long ton (dol.)	23.08	22.71	23.65	18.63	30.52	50.16	51.19	49.66	49.60	60.83
Imports for consumption:										
Crude sulfur	741	1,486	1,537	1,222	2,150	1,897	1,727	1,977	2,143	2,455
Pyrites, sulfur content [3]	146	160	130	–	–	–	–	–	–	–
Exports, sulfur	1,787	2,635	1,433	1,776	2,663	1,352	1,270	1,178	852	2,012

– Represents zero. [1] Includes other byproduct sulfur compounds, not shown separately. [2] Represents sulfur content. Produced at copper, lead, and zinc plants. [3] Estimate.

No. 1371. Salt—Summary: 1960 to 1978

[In thousands of short tons, except value. Prior to 1970, production includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970,* series M 28 and M 200, for value and production]

ITEM AND STATE	1960	1965	1970	1973	1974	1975	1976	1977	1978
Production [1]	25,479	34,687	45,896	43,910	46,536	41,030	44,191	43,412	42,869
Louisiana	4,792	8,126	13,584	13,152	13,543	12,166	13,491	13,201	14,263
Michigan	4,088	4,171	4,899	4,818	4,445	4,020	4,219	3,939	3,741
New York	4,008	5,002	5,990	5,202	6,464	5,978	6,495	6,452	5,879
Ohio	3,108	5,026	5,329	4,657	5,029	5,083	5,052	3,701	3,897
Texas	4,756	6,964	10,184	10,354	11,379	8,560	9,718	10,941	9,100
Other States	4,727	5,398	5,910	5,727	5,676	5,223	5,216	5,178	5,989
Evaporated (manufactured)	4,104	4,925	5,498	5,884	5,922	5,345	5,607	5,677	5,845
In brine	14,911	19,952	26,228	25,680	25,779	21,401	22,917	22,777	22,336
Rock salt	6,466	9,810	14,170	12,347	14,835	14,283	15,668	14,958	14,688
Total value [2] (mil. dol.)	161	216	305	306	361	368	431	452	499
Exports	420	688	423	609	521	1,332	1,007	1,008	776
Imports for consumption	1,057	2,410	3,536	3,207	3,358	3,215	4,352	4,529	5,380

[1] Represents sales plus quantities used by producers. [2] F.o.b. mine or refinery; excludes cost of cooperage or containers.

No. 1372. Lead—Summary: 1960 to 1979

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1970,* series M 242–248]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Smelter production of refined primary lead	382	418	667	673	636	653	605	623	634
Domestic ores and base bullion [1]	229	305	528	580	530	569	537	553	584
Foreign ores and base bullion	154	113	139	93	106	84	68	70	50
Recovery of secondary lead	470	576	597	699	658	727	835	848	883
Imports, general:									
Lead in pigs and bars	206	223	244	118	101	146	261	244	211
Lead in ores and matte	146	123	112	94	88	76	73	58	44
Exports of refined pig lead [2]	2	8	8	62	21	6	10	9	12
Consumption of metal, primary and secondary	1,021	1,241	1,361	1,599	1,297	1,490	1,582	1,579	1,497
Average price, common lead:									
New York (cents per lb.)	11.95	16.00	15.69	22.53	21.53	23.10	30.70	33.65	52.64
London (cents per lb.)	9.04	14.37	13.76	26.83	18.73	20.46	28.00	29.86	54.52
Mine production of recoverable lead [3]	247	301	572	664	621	610	592	584	579
Value [3] (mil. dol.)	58	94	179	299	267	282	364	394	610
World smelter production, est	2,550	2,911	3,628	3,829	3,633	3,715	3,742	3,824	3,897

[1] Excludes lead content of antimonial lead. [2] Pigs, bars, and anodes. [3] Includes Alaska.

Source of tables 1370–1372: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1373. Iron Ore—Summary: 1960 to 1979

[**In millions of long tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 205-211]

ITEM	1960	[1]1965	1970	1973	1974	1975	1976	1977	1978	1979
Number of mines	*247*	*183*	74	58	66	67	65	*54*	51	50
Production [1]	**86.8**	**87.4**	**89.8**	**87.7**	**84.4**	**78.9**	**80.0**	**55.8**	**81.5**	**85.2**
Lake Superior	71.8	66.4	69.6	72.4	70.7	66.7	67.4	44.0	72.6	76.9
Northeastern	4.1	5.2	3.5	2.6	2.4	1.9	2.4	2.0	8.9	8.2
Western	4.6	[2] 13.1	14.3	12.0	10.5	9.6	10.1	9.8		
Hematite [3]	[2,4] 68.1	47.0	33.6	28.2	24.1	19.2	19.3	11.5	15.9	(NA)
Magnetite [3]	*16.2*	*36.9*	*53.8*	*58.1*	*58.8*	*58.4*	*59.3*	*43.1*	*64.8*	(NA)
Other	2.4	3.5	2.4	1.4	1.5	1.2	1.4	1.1	.8	(NA)
Shipments [5]	*83.0*	*84.1*	*87.2*	*90.9*	*85.1*	*75.7*	*77.1*	*54.1*	*83.2*	*85.7*
Value [5] (mil. dol.)	724	801	942	1,166	1,391	1,621	1,871	1,423	2,401	2,767
Avg. per ton at mine (dol.)	*8.73*	*9.53*	*10.80*	*12.84*	*16.34*	*21.41*	*24.28*	*26.32*	*28.86*	*32.50*
Stocks, Dec. 31 [6]	*12.3*	*12.7*	*15.3*	*10.9*	*9.4*	*12.3*	*14.0*	*14.8*	*12.4*	*11.4*
Price (Lake Superior ores) Dec. 31:										
Natural ores, basis 51.5% Fe (dol./lg. ton)	11.45	10.55	10.80	11.91	17.28	18.50	20.26	21.18	22.30	24.75
Imports [7]	34.5	45.1	44.9	43.3	48.0	46.7	44.4	37.9	33.6	33.7
Value (mil. dol.)	*322*	*444*	*480*	*533*	*696*	*860*	*980*	*957*	*845*	*921*
Exports	5.3	7.1	5.5	2.7	2.3	2.5	*2.9*	*2.1*	*4.2*	*5.1*
Value (mil. dol.)	58	80	68	38	35	60	82	63	137	179
World production [8]	514	611	754	851	879	902	869	827	841	887

NA Not available. [1] Includes Southeastern district and byproduct ore, not shown separately. Beginning 1976, Western includes byproduct ore and Northeastern includes Southeastern. [2] Includes undistributed. [3] Predominant mineral. [4] Includes brown ore from Tenn., Mo., and Tex.; also magnetite from Calif., Utah, and Wyo. [5] Beginning 1976, includes byproduct ore. [6] At mines. [7] For consumption. [8] Estimated.

No. 1374. Gold and Silver—Summary: 1950 to 1979

[See *Historical Statistics, Colonial Times to 1970*, series M 268-269, for mine production]

ITEM	Unit	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
GOLD												
Ore produced [1]	1,000 sh. tons	*3,564*	*2,267*	*3,113*	*3,687*	*4,715*	*4,598*	*5,722*	*3,063*	*5,806*	*4,292*	(NA)
Production, U.S	Mil. fine oz	*2.4*	1.7	1.7	1.7	1.2	1.1	1.1	1.0	1.1	1.0	.9
Value	Mil. dol	84	58	60	63	115	180	170	131	163	193	280
Production, *world*	Mil. fine oz	28.3	37.8	46.2	47.5	43.0	40.1	38.7	38.9	38.9	39.3	39.3
Industrial consumption U.S., net	Mil. troy oz	2.8	3.0	5.3	6.0	6.7	4.7	4.0	4.6	4.9	4.7	4.7
Imports [2]	Mil. dol	163	335	102	237	356	397	457	331	674	922	1,424
Exports	Mil. dol	*514*	*2*	*1,285*	38	146	228	493	375	1,113	1,114	5,071
Price per fine oz. [3]	Dol	35.0	35.0	35.0	36.4	97.8	159.7	161.5	*125.3*	*148.3*	*193.6*	307.5
Production: [4]												
Nevada	1,000 fine oz	170	66	[5] *205*	480	260	299	333	288	324	261	179
South Dakota	1,000 fine oz	*572*	551	[5] 656	579	358	344	305	319	305	286	248
Utah	1,000 fine oz	392	314	[6] 389	408	307	255	190	187	211	236	235
SILVER												
Ore produced [1] [6]	1,000 sh. tons	*1,060*	988	958	934	717	758	919	1,821	1,457	1,640	(NA)
Production, U.S	Mil. fine oz	42	31	40	45	37	34	*35*	*34*	*38*	*39*	37
Value	Mil. dol	38	28	51	80	96	159	154	149	176	210	410
Production, world	Mil. fine oz	*203*	*241*	*257*	301	308	292	298	315	337	340	353
Industrial consumption U.S., net [7]	Mil. fine oz	110	102	137	128	196	176	158	171	154	160	157
Imports [8]	Mil. dol	79	54	63	104	269	502	331	329	356	408	1,025
Exports	Mil. dol	4	27	51	49	28	82	148	61	85	121	395
Price per fine oz. [3]	Dol	.91	.91	1.29	1.77	2.56	4.71	4.42	4.35	4.62	5.40	11.09
Production: [4]												
Idaho	Mil. fine oz	*16.0*	17.8	[5] 18.1	19.1	13.6	12.4	13.9	11.6	15.3	18.4	17.2
Arizona	Mil. fine oz	5.1	5.3	[5] 6.1	7.3	7.2	6.4	6.3	7.6	6.8	6.6	7.4
Utah	Mil. fine oz	6.8	5.1	[5] 5.2	6.0	3.6	3.2	2.8	3.1	3.3	2.9	2.4
Colorado	Mil. fine oz	*3.3*	*2.1*	[5] *2.0*	2.9	3.6	2.8	3.4	4.1	4.7	4.2	2.9

NA Not available. [1] Gold and silver are also produced from base-metal ores and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of silver. [2] General imports, 1950-1977; imports for consumption, 1978 and 1979. [3] Selling price, except New York price for silver, beginning 1965. [4] Source: 1950-1965, U.S. Bureau of the Mint, *Annual Report of the Director*. [5] Refinery production. [6] Includes gold-silver ore. [7] Excludes coinage. [8] General imports, 1950-1972; thereafter, imports for consumption.

Source of tables 1373 and 1374: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1375. Copper—Summary: 1960 to 1979

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 235-241]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
New (primary) copper produced—									
Mines (from domestic ores)	1,080	1,352	1,720	1,597	1,413	1,606	1,504	1,496	1,589
Copper ore produced [1] (mil. sh. tons)	135	173	258	293	263	284	260	264	292
Average yield of copper (percent)	.73	.70	.59	.49	.47	.51	.52	.51	.49
Smelters (from domestic ores)	1,143	1,403	1,605	1,532	1,374	1,461	1,394	1,400	1,448
Percent of world total	23	23	24	19	17	17	16	16	16
Refineries (from domestic ores)	1,121	1,336	1,521	1,421	1,286	1,423	1,411	1,463	1,556
From foreign ores, matte, etc., refinery	398	376	244	234	157	117	85	134	114
Total new refined, domestic and foreign	1,519	1,712	1,765	1,655	1,443	1,539	1,496	1,597	1,670
Secondary copper produced	871	1,253	1,248	1,344	972	1,145	1,196	1,375	1,711
Recovered from old scrap only	429	513	504	483	369	419	452	553	666
Imports (unmanufactured) [2 3]	524	523	392	609	324	535	517	602	362
Refined	143	137	132	314	147	382	391	457	237
Exports (unmanufactured) [3]	506	372	307	191	234	172	125	196	204
Refined exports of metallic copper	434	325	221	127	172	112	52	101	81
Stocks (producers), Dec. 31	359	281	470	425	519	511	580	459	374
Mine production of primary copper	1,080	1,352	1,720	1,597	1,413	1,606	1,504	1,496	1,589
Arizona	539	703	918	859	813	1,024	924	983	1,043
Montana	92	115	120	131	88	91	86	74	77
New Mexico	67	99	166	197	146	172	165	141	181
Utah	218	259	296	231	177	185	194	205	213
Other States	163	175	220	180	189	134	135	93	76
Avg. price, domestic production (cents per lb.)	32.1	35.4	58.2	77.3	64.2	69.6	66.8	66.5	93.3
World smelter production, new copper	5,040	6,105	6,752	8,068	8,069	8,564	8,851	8,735	8,858

NA Not available. [1] Includes old tailings, smelted or retreated. Not comparable with mine production figures which include recoverable copper content of ores not classified as "copper." [2] Includes copper imported for immediate consumption plus material entering country under bond. [3] Comprises copper in ores and concentrates, matte, refined, blister, and scrap.

No. 1376. Molybdenum Concentrates—Summary: 1960 to 1979

[In millions of pounds of contained molybdenum, except as indicated. See *Historical Statistics, Colonial Times to 1970,* series M 227-228, for production and exports of ores and concentrates]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Production	68.2	77.4	111.4	115.9	112.0	106.0	113.2	122.4	131.6	144.0
Shipments from mines	69.9	77.3	110.4	135.1	118.2	105.2	114.5	125.0	130.7	143.5
Average price per pound [2] (dol.)	1.47	1.75	1.92	1.92	2.24	2.74	3.26	4.02	4.86	6.07
Exports [3 4]	30.2	24.1	55.7	74.0	78.7	62.6	62.5	65.7	69.2	72.2
Imports for consumption [4]	–	.1	(Z)	.5	.2	2.6	2.1	2.0	2.7	2.3
Consumption	44.8	68.1	76.1	82.5	91.7	90.0	85.0	91.0	96.4	103.2
Stocks (industry), Dec. 31 [5]	3.5	4.2	9.7	22.0	18.7	10.7	9.4	9.2	9.0	8.5
World production, estimate [6]	89.1	98.5	161.1	161.4	166.2	180.3	195.5	209.7	220.9	227.1

– Represents zero. Z Less than 50,000 pounds. [1] Preliminary. [2] Molybdenum in technical-grade oxide, f.o.b., plant of major producer, domestic sales. [3] Includes roasted concentrates. [4] Includes Alaska, Hawaii, and Puerto Rico. [5] At mines and at plants making molybdenum products. [6] Beginning 1965, free world.

Source of tables 1375 and 1376: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1377. Cobalt—Summary: 1960 to 1979

[In millions of pounds of contained cobalt; except as indicated]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Production:										
Mine	2.2	1.2	.7	–	–	–	–	–	–	–
Secondary (scrap)	.2	.1	.1	.3	.3	.3	.3	.5	1.0	1.2
Imports	12.2	15.4	12.4	19.2	16.1	6.6	16.5	17.5	19.0	20.0
Exports [1]	(NA)	.1	1.5	1.4	1.3	1.8	1.8	.9	1.5	.7
Reported consumption	9.0	13.6	13.4	18.7	18.9	12.8	16.5	16.6	20.0	17.4
Inventories	104.0	103.8	81.0	65.4	56.0	49.5	44.1	44.5	45.2	44.2
Government [2]	103.2	102.2	79.1	62.9	54.0	47.6	41.0	40.8	40.8	40.8
Private [3]	.8	1.6	1.9	2.5	2.0	1.8	3.2	3.7	4.4	3.4
Price [4] (dollars/lb.)	1.54	1.62	2.20	3.00	3.46	3.98	4.44	5.58	11.53	24.58

– Represents zero. NA Not available. [1] Content of unwrought cobalt and cobalt alloys, and waste and scrap. [2] Includes cobalt sold but not delivered. [3] Consumer stocks only. [4] Weighted average based on the market price quoted by a major U.S. cobalt dealer.

Source: U.S. Bureau of Mines, *Minerals & Materials,* monthly.

No. 1378. Nickel—Summary: 1960 to 1979

[**Quantities in thousands of short tons.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 231-234]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Mine production	14	16	16	18	17	17	16	14	14	15
Plant production: Primary	14	14	16	14	14	14	14	13	11	12
Secondary [2]	27	51	49	66	65	42	47	45	44	47
Imports (est. nickel content)	103	163	156	190	221	161	188	195	240	184
Exports (gross weight)	54	21	31	22	30	30	47	39	36	51
Consumption	108	172	156	198	208	146	163	155	181	196
Stocks (consumer), Dec. 31	11	14	25	29	45	35	32	18	20	20
Price per pound [3] (dollars)	.74	.79	1.33	1.53	2.01	2.20	2.20	2.41	2.08	2.49
World production, est	*353*	*468*	*693*	*783*	*849*	*890*	*884*	*904*	*731*	*776*

[1] Preliminary. [2] Includes nickel recovered from iron and steel scrap. [3] Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario.

No. 1379. Tin—Summary: 1960 to 1979

[**In thousands of short tons, except price.** See headnote, table 1378, for exclusions]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Production: Domestic smelters	(D)	3.4	(D)	5.4	6.7	7.2	6.3	7.4	6.5	5.0
Secondary sources	24.7	28.1	22.4	22.9	21.1	17.5	18.1	20.4	23.2	23.7
Imports for consumption:										
Metal	44.3	45.7	56.7	51.4	44.3	48.9	49.7	52.7	51.6	53.3
Ore (tin content)	15.8	4.7	5.2	5.4	6.6	7.1	6.3	7.4	4.3	5.0
Exports	1.0	3.2	5.0	3.9	9.5	4.0	2.6	6.0	5.2	3.8
Price of Straits tin at N. Y., avg. cents per lb. [2]	101	178	174	228	396	340	349	499	587	711
Consumption	90	94	83	84	73	62	69	67	68	69
World mine production, est	202	225	256	262	257	245	252	260	277	282

D Withheld to avoid disclosure of individual company data. [1] Preliminary [2] See footnote 3, table 1335.

No. 1380. Tungsten Concentrate—Summary: 1960 to 1979

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series M 225-226, for related data]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Production:										
Concentrates (60% WO_3 basis) [1]	1,000 sh. tons	7.0	7.9	10.1	7.8	5.8	6.1	6.3	7.2	6.9
Tungsten content	Mil. lb	6.7	7.6	9.3	7.4	5.5	5.9	6.0	6.9	6.6
Shipments from mines:										
Reported value f.o.b. mines	Mil. dol	9.8	13.0	23.8	37.4	29.1	37.3	55.1	56.7	55.8
Avg. value per lb. of tungsten	Dol	1.40	1.72	2.55	4.77	5.30	6.35	9.15	8.22	8.27
Imports, general [2]	Mil. lb	5.2	3.5	1.3	11.8	6.9	5.8	6.8	9.1	11.4
Consumption [2]	Mil. lb	11.6	13.9	16.7	16.3	14.0	16.1	17.1	18.8	21.6
Stocks, [1 2] end of year	Mil. lb	5.5	1.8	2.2	2.1	2.5	1.2	1.0	1.5	1.6
World production [2]	Mil. lb	68.7	59.6	71.4	82.8	84.5	90.9	92.9	100.1	101.5

[1] A short ton of 60% tungsten trioxide (WO_3) contains 951.72 pounds of tungsten. [2] Tungsten content.

Source of tables 1378-1380: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1381. Uranium—Summary: 1960 to 1979

[See table 1061. See also *Historical Statistics, Colonial Times to 1970*, series M 266-267]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Mine ore shipments [2]	Mil. sh. tons	8.0	4.4	6.3	6.5	7.0	7.1	8.6	10.3	14.3	16.1
Value	Mil. dol	152	84	94	[3] 106	[3] 113	[3] 123	(NA)	(NA)	(NA)	(NA)
Recoverable content [4]	Mil. lb	34.5	19.7	24.4	25.8	23.2	22.9	27.0	31.8	35.6	36.3
Value [5]	Mil. dol	297	156	150	[2] 168	193	276	435	628	769	785
Production, concentrate [4]	1,000 sh. tons	17.8	10.3	12.9	13.2	11.5	11.6	12.7	14.9	18.5	18.5
Imports, concentrate [4 6]	1,000 sh. tons	15.8	3.0	.7	5.6	1.8	1.2	1.8	2.8	1.6	1.6
Value	Mil. dol	(NA)	58	8	61	30	24	290	111	69	69
World production [4 7]	1,000 sh. tons	41.1	20.6	24.2	25.5	23.8	25.0	37.0	43.0	44.0	50.0

NA *Not available.* [1] Preliminary. [2] Receipts at mills. [3] Estimated. [4] U_3O_8. [5] Based on estimated average market price for delivery during the year. [6] Mainly for enrichment and export of enriched uranium product, 1965-76; thereafter, for domestic consumption only. [7] Excludes Communist countries.

Source: U.S. Dept. of Energy, *Statistical Data of The Uranium Industry, 1979.*

No. 1382. Zinc—Production and Prices: 1960 to 1979

[**Production in thousands of short tons.** Excludes Alaska and Hawaii. 1979 data are preliminary. See *Historical Statistics, Colonial Times to 1970*, series M 249-250, for production]

ITEM AND STATE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Smelter production, primary slab zinc	**800**	**994**	**878**	**583**	**555**	**438**	**499**	**450**	**448**	**521**
Value (mil. dol.)	205	291	236	241	399	341	369	310	278	389
From domestic ores	334	551	404	399	347	308	382	355	295	281
From foreign ores	465	443	474	184	208	130	117	95	154	240
Production, redistilled secondary slab zinc	69	84	77	83	79	58	69	51	38	59
Avg. price of common zinc (cents per lb.)	13.0	14.5	15.3	20.7	36.0	39.0	37.0	34.4	31.0	37.3
Mine production, recoverable zinc	**435**	**611**	**534**	**479**	**500**	**469**	**485**	**450**	**334**	**294**
Colorado	31	54	57	58	49	48	51	40	24	11
Idaho	37	58	41	46	39	41	47	31	36	33
Missouri	3	4	51	82	92	75	84	82	65	68
New York	66	70	59	81	93	77	74	71	29	13
Tennessee	91	122	118	64	86	83	83	90	97	94
Other States	207	303	208	148	141	145	146	136	83	76
World smelter production, est.	3,335	4,353	5,321	5,877	6,183	5,526	5,911	6,092	6,188	6,611

No. 1383. Bauxite—Summary: 1960 to 1979

[**In thousands of long tons, except as indicated.** See also *Historical Statistics, Colonial Times to 1970*, series M 256-257]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979 [1]
Production: Crude ore	2,409	1,990	2,522	2,370	2,164	2,382	2,397	2,033	2,151
Dried-bauxite equivalent	1,998	1,654	2,082	1,949	1,772	1,958	1,981	1,643	1,792
Value (mil. dol.)	21.1	18.6	30.1	25.7	25.1	26.6	28.0	23.2	24.9
Shipments: [2]									
Gross weight (as shipped)	1,925	2,065	2,343	2,284	2,058	2,170	2,036	1,837	1,887
Dried-bauxite equivalent	1,654	1,785	2,078	2,021	1,836	1,941	1,843	1,637	1,701
Value (mil. dol.)	19.6	21.1	32.3	32.9	31.5	36.5	34.7	32.2	39.4
Imports for consumption [3]	8,739	11,418	13,574	14,976	11,529	12,548	12,784	13,628	13,562
Value [4] (mil. dol.)	78.0	143.0	159.8	180.2	245.1	315.1	349.5	397.5	389.1
Exports (as shipped)	29	147	3	16	19	15	25	13	15
Value (mil. dol.)	2.6	10.7	.2	1.2	1.7	1.3	2.3	1.5	3.3
World production, est.	27,205	36,849	56,873	78,362	74,503	76,239	81,073	79,749	85,443

[1] Preliminary. [2] Shipments from mines and processing plants to consumers. [3] Crude and dried. Includes Virgin Islands. [4] As reported by U.S. Bureau of the Census (port of shipment).

No. 1384. Aluminum—Summary: 1960 to 1979

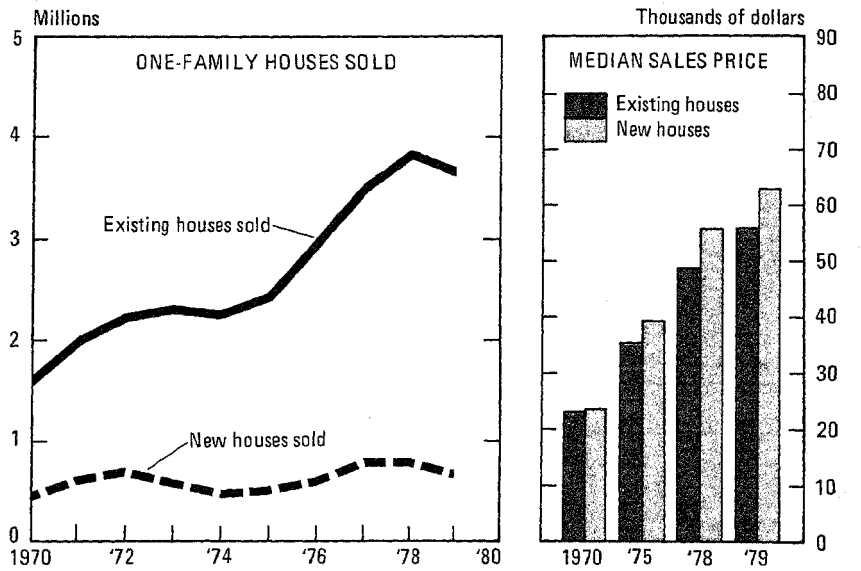
[**In thousands of short tons, except as indicated.** 1979 data are preliminary. Imports and exports include Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series M 258-262]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total production, domestic	**2,344**	**3,395**	**4,757**	**5,896**	**4,859**	**5,406**	**5,810**	**6,127**	**6,424**
Primary aluminum	2,014	2,754	3,976	4,903	3,879	4,251	4,539	4,804	5,023
Plant capacity	2,469	2,759	4,254	4,916	5,021	5,193	5,193	5,197	5,282
Secondary aluminum [1]	329	641	781	993	980	1,155	1,271	1,323	1,401
From old scrap	63	160	146	212	283	341	413	451	479
From new scrap	267	481	635	780	697	814	858	872	922
Value [2] (mil. dol.)	**1,201**	**1,651**	**2,644**	**3,683**	**3,728**	**4,815**	**5,996**	**6,636**	**7,734**
Primary aluminum	1,030	1,338	2,191	3,006	2,976	3,785	4,684	5,191	6,130
Price (cents per lb.[3])	26.0	24.5	28.7	34.1	39.8	44.6	51.6	54.6	59.4
Secondary aluminum	171	313	453	677	752	1,030	1,312	1,445	1,604
Imports for consumption [4]	196	620	468	629	550	749	836	1,080	840
Value (mil. dol.)	103	266	231	403	410	582	799	1,145	1,049
Exports [4]	384	315	612	524	440	484	411	520	773
Value (mil. dol.)	174	170	360	482	436	496	504	723	1,130
Net domestic shipments [5]	2,366	3,788	4,476	6,394	4,555	5,956	6,119	6,830	6,805
World production, est.	4,950	6,951	10,641	14,516	13,387	13,787	15,093	15,510	15,979
Plant capacity	5,872	7,894	12,046	15,567	16,398	17,610	17,995	18,816	19,637

[1] Recoverable aluminum content. [2] Based on published producers' prices for primary metal. [3] Average of prices for primary aluminum, 1960-1978: quoted by *American Metal Market;* 1979: *Metals Week.* [4] Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap). [5] Compiled by Aluminum Association from data on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and government inventories and net trade.

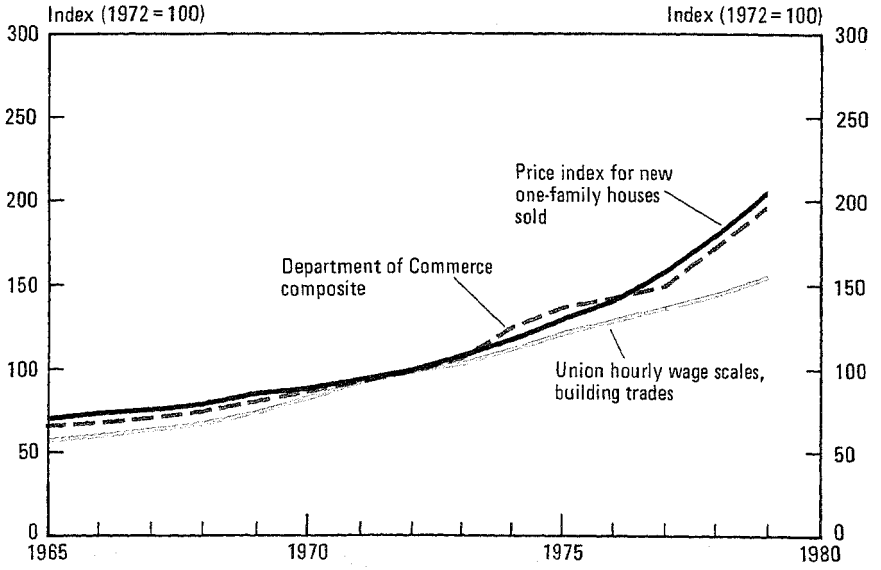
Source of tables 1382-1384: U.S. Bureau of Mines, *Minerals Yearbook.*

Figure 28.1
Existing and New Private One-Family Houses Sold and Median Sales Price: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1423 to 1425.

Figure 28.2
Construction Prices, Wage Scale, and Cost Indexes: 1965 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1391.



Section 28

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics, occupants, and financing; and on public housing.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of unit and by 4 major census regions; *New One-Family Houses Sold and For Sale* provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Value of New Construction Put in Place* includes monthly composite construction cost indexes, and a special supplement which contains historical data, 1947 to 1974, as well as several tables showing data for 1915–1946; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits and Public Contracts* covers approximately 16,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Residential Alterations and Repairs.* Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies,* the quarterly *Market Absorption of Apartments,* the *Annual Housing Survey,* and reports of the censuses of housing and of construction industries. *Construction Review,* published monthly by the Bureau of Industrial Economics, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y., which presents State data on construction contracts; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the Federal Home Loan Bank Board, the Department of Housing and Urban Development (HUD), and the Veterans Administration, which publish financial data. Data on conventional home mortgages are provided by the Federal Home Loan Bank Board. The Department of Housing and Urban Development provides data on the gross flow of long-term mortgage loans in its study, *The Supply of Mortgage Credit, 1970–1979.* Data on mortgages insured by the Federal Housing Administration (FHA) and on VA-guaranteed loans are also presented in this section. In addition, the *Statistical Yearbook,* published by HUD, also contains housing data.

Censuses and Surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1977.

The 1977 Census of Construction Industries, in accordance with the 1972 *Standard Industrial Classification Manual* (see text, page 392), defines a construction establishment as a relatively permanent place of business where the usual business activities related to construction are conducted.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 census, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent.

Evaluation studies of the 1950, 1960, and 1970 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, and 1.7 percent, respectively. The net undercount in the 1970 census is estimated at approximately 1.5 million housing units. The estimates for the various censuses are not strictly comparable due to differences in timing, procedures, and other factors. The census figures have not been adjusted to reflect the estimated undercounts.

The Annual Housing Survey (*Current Housing Reports, Series* H-150 and H-170), which began in 1973, provides a current and ongoing series of data on selected housing and demographic characteristics. It is based on a national sample and on separate samples for 60 SMSA's selected to represent a cross section of the housing stock in these areas. Annual Housing Survey estimates are subject to both sampling and nonsampling errors; caution should, therefore, be used in making comparisons with 1970 census data.

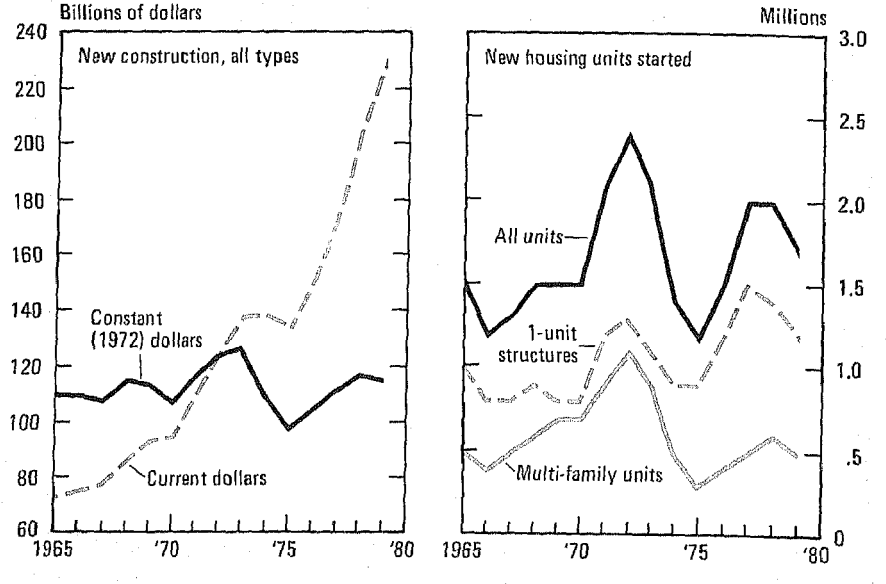
Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

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

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

Figure 28.3
New Construction — Value of Total Construction and Housing Units Started: 1965 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1385, 1386, and 1396.

NO. 1385. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1965 TO 1979

[In millions of dollars, except percent. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. See also *Historical Statistics, Colonial Times to 1970*, series N 1-29 and N 66-69]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	**73,747**	**94,855**	**137,917**	**138,501**	**134,535**	**151,054**	**173,975**	**205,457**	**228,950**
Average annual percent change [1]	6.1	5.2	13.3	.4	−2.9	12.3	15.2	18.1	11.4
Private	**51,685**	**66,759**	**105,412**	**100,166**	**93,651**	**111,931**	**135,801**	**159,556**	**179,948**
Percent of total	70.1	70.4	76.4	72.3	69.6	74.1	78.1	77.6	78.6
Residential buildings (incl. farm)	27,934	31,864	59,727	50,376	46,472	60,520	80,956	93,424	99,030
New housing units	21,712	24,272	50,087	40,644	34,408	47,277	65,749	75,808	78,587
Structures with—									
1 unit	15,705	14,754	30,649	26,293	27,423	40,049	55,271	62,385	60,790
2 or more units	6,007	9,518	19,438	14,351	6,986	7,228	10,478	13,422	17,798
Additions, alterations	4,736	6,234	7,274	8,045	10,925	12,308	14,209	16,349	18,236
Nonhousekeeping	1,486	1,358	2,366	1,687	1,139	935	998	1,267	2,206
Nonresidential buildings	16,509	21,417	27,584	29,637	26,407	26,091	28,695	36,293	47,298
Commercial	(NA)	9,754	15,453	15,944	12,806	12,756	14,783	18,565	24,924
Industrial	(NA)	6,538	6,243	7,902	8,018	7,183	7,712	10,994	14,950
Hospital and institutional	(NA)	2,529	3,152	3,201	3,209	3,396	3,290	3,347	3,530
Religious	(NA)	931	814	918	867	956	1,046	1,248	1,548
Educational	(NA)	865	837	655	567	660	660	729	806
Other nonresidential	(NA)	800	1,085	1,017	939	1,140	1,203	1,410	1,540
Public utilities	5,788	11,020	15,185	16,624	17,379	20,301	20,272	23,302	26,467
Telephone, telegraph	1,463	2,968	3,967	4,279	3,683	3,777	4,345	5,418	6,343
Other public utilities	4,325	8,052	11,218	12,345	13,696	16,524	15,926	17,884	20,125
Electric light, power	2,589	5,808	8,778	9,246	9,888	11,777	12,432	14,384	16,009
Gas	1,304	1,653	1,709	1,739	1,350	1,280	1,560	1,929	2,266
Railroads	310	306	422	575	514	580	737	1,037	1,259
Petroleum pipelines	122	285	309	785	1,944	2,887	1,197	534	591
Farm (nonresidential)	1,038	1,512	2,003	2,529	2,325	3,941	4,577	5,253	5,700
All other private	416	946	913	1,000	1,068	1,077	1,301	1,283	1,452
Public	**22,062**	**28,096**	**32,505**	**38,334**	**40,884**	**39,123**	**38,174**	**45,902**	**49,003**
Percent of total	29.9	29.6	23.6	27.7	30.4	25.9	21.9	22.4	21.4
Buildings	7,893	10,657	12,995	14,990	15,474	13,759	12,799	15,241	15,857
Educational	4,284	5,619	6,647	7,310	7,760	6,342	5,459	6,264	6,903
Hospital	520	837	1,002	1,238	1,745	1,870	1,733	1,822	1,648
Industrial	368	499	606	766	918	905	1,070	1,184	1,411
Housing, redevelopment	603	1,107	941	1,006	754	720	908	1,053	1,211
Other public buildings	2,118	2,595	3,799	4,670	4,296	3,922	3,629	4,919	4,684
Highways and streets	7,550	9,981	10,505	12,065	10,854	9,743	9,380	10,712	11,915
Conservation, development	2,019	1,908	2,313	2,741	3,257	3,742	3,862	4,457	4,587
Military facilities	830	718	1,166	1,185	1,389	1,630	1,429	1,502	1,640
Other public construction	3,770	4,832	5,526	7,352	9,911	10,248	10,704	13,989	15,002
Sewer systems	1,195	1,544	1,954	2,681	4,801	5,341	5,374	6,765	7,298
Water supply facilities	1,266	1,094	1,068	1,381	1,765	1,631	1,810	2,661	2,490
Misc. construction	1,309	2,194	2,504	3,290	3,345	3,276	3,520	4,563	5,215
Public ownership:									
State and local government	18,048	24,806	27,654	33,042	34,566	32,106	30,855	37,497	40,227
Buildings	6,433	9,755	11,665	13,487	13,580	11,631	10,501	12,764	13,215
Highways and streets	7,381	9,728	10,237	11,808	10,547	9,404	8,984	10,285	11,468
Conservation, development	513	541	358	495	618	903	774	597	673
Other	3,721	4,782	5,394	7,252	9,821	10,167	10,595	13,851	14,872
Federal government	4,014	3,290	4,851	5,293	6,318	7,017	7,320	8,404	8,775
Conservation, development	1,506	1,367	1,955	2,246	2,638	2,839	3,088	3,860	3,915
Buildings	1,460	902	1,330	1,504	1,894	2,128	2,298	2,477	2,642
Military facilities	830	718	1,166	1,185	1,389	1,630	1,429	1,502	1,640
Misc. (incl. highways and streets)	218	303	400	357	397	420	505	565	578

NA Not available. [1] Change from prior year shown; for 1965, change from 1960. Minus sign (−) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1386. Value in Constant (1972) Dollars of New Construction Put in Place: 1965 to 1979

[**In millions of dollars, except percent.** For details on derivation of constant values and description of revised series, see source. For description of nature of revisions and deflators used, see *Construction Reports*, series C30-74S. See *Historical Statistics, Colonial Times to 1970*, series N 30-60, for value in 1957-59 dollars]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
New construction	**109,678**	**107,009**	**126,924**	**109,132**	**97,229**	**104,995**	**111,333**	**116,943**	**114,698**
Private	**75,948**	**75,113**	**96,659**	**80,078**	**68,628**	**78,082**	**86,437**	**90,657**	**90,303**
Percent of total	69.2	70.2	76.2	73.4	70.6	74.4	77.6	77.5	78.7
Residential buildings [1]	39,684	35,707	54,308	41,489	35,256	42,669	50,652	51,489	48,320
New housing units	30,840	27,206	45,541	33,492	26,096	33,312	41,100	41,769	38,336
Structures with—									
1 unit	22,308	16,532	27,851	21,619	20,780	28,218	34,537	34,373	29,661
2 or more units	8,532	10,674	17,690	11,873	5,317	5,094	6,563	7,397	8,677
Additions, alterations	6,733	6,979	6,614	6,602	8,293	8,696	8,924	9,021	8,909
Nonhousekeeping	2,111	1,522	2,153	1,395	866	661	627	700	1,073
Nonresidential buildings [2]	25,770	24,143	25,409	22,699	19,073	18,789	19,427	21,862	24,495
Industrial	7,948	7,389	5,739	6,038	5,791	5,174	5,222	6,604	7,760
Office	10,466	10,995	5,517	4,695	3,591	3,430	3,570	3,961	4,894
Other commercial			8,719	7,521	5,658	5,756	6,434	7,226	7,991
Hospital, institutional	2,179	2,852	2,907	2,459	2,318	2,445	2,232	2,029	1,835
Religious	1,873	1,049	751	703	627	688	708	751	802
Educational	1,141	975	771	504	409	475	447	440	417
Other nonresidential	2,163	903	1,005	779	678	821	814	851	798
Public utilities	8,252	12,497	14,258	13,195	11,888	13,064	12,429	13,410	13,823
Telephone, telegraph	2,231	3,355	3,770	3,529	2,795	2,650	2,910	3,450	3,646
Other public utilities	6,024	9,142	10,488	9,667	9,093	10,414	9,519	9,960	10,177
Electric light, power [3]	3,766	6,638	8,200	7,257	6,635	7,474	7,388	8,062	8,142
Gas	1,638	1,843	1,604	1,368	870	784	936	1,033	1,125
Railroads	466	345	394	433	352	388	473	582	616
Petroleum pipelines	154	316	290	609	1,236	1,768	722	283	294
Farm (nonresidential)	1,617	1,702	1,838	1,935	1,679	2,838	3,094	3,166	2,955
All other private	625	1,067	851	759	733	722	835	729	710
Public	**33,730**	**31,896**	**30,265**	**29,054**	**28,601**	**26,913**	**24,896**	**26,286**	**24,395**
Percent of total	30.8	29.8	23.8	26.6	29.4	25.6	22.4	22.5	21.3
Buildings	12,245	12,008	11,986	11,556	11,207	9,904	8,629	9,152	8,195
Educational	6,693	6,336	6,139	5,618	5,607	4,571	3,699	3,778	3,561
Hospital	813	947	923	950	1,261	1,347	1,177	1,106	857
Industrial	576	561	559	588	663	652	725	718	735
Housing, redevelopment	656	1,239	855	827	572	509	571	578	591
Other public buildings	3,307	2,925	3,510	3,573	3,104	2,826	2,458	2,973	2,432
Highways and streets	11,651	11,282	9,884	8,682	7,269	6,595	6,161	5,773	5,410
Conservation, development	2,956	2,160	2,139	2,183	2,286	2,485	2,416	2,605	2,427
Military facilities	1,272	817	1,086	905	992	1,145	958	868	813
Other public construction	5,606	5,629	5,170	5,729	6,847	6,784	6,733	7,889	7,550
Sewer systems	1,871	1,872	1,825	2,136	3,369	3,550	3,359	3,850	3,740
Water supply facilities	1,767	1,270	1,002	1,096	1,187	1,040	1,109	1,468	1,256
Miscellaneous	1,968	2,487	2,343	2,496	2,292	2,194	2,265	2,571	2,554

[1] Including farm. [2] Excludes building by privately owned *public utilities*. [3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1387. Value of Privately Owned Nonresidential Building Projects, by Construction Status, 1973 to 1979, and by Type of Project, 1979

[**In billions of dollars**]

CONSTRUCTION STATUS	1973	1974	1975	1976	1977	1978	1979				
							Total	Industrial	Office building	Other commercial	Hospital and institutional	Other [1]
Value of projects—												
Started	26.4	27.7	20.1	23.6	29.3	38.7	49.0	13.1	11.8	16.5	3.4	4.2
Completed	24.6	26.9	27.9	25.9	27.7	31.5	40.0	13.2	7.4	12.8	3.0	3.5
Under construction at yearend	42.8	46.1	41.9	41.9	44.8	55.5	68.6	24.0	16.0	14.9	9.0	4.7

[1] Privately owned religious, educational, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1388. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1970 to 1979

[Value in billions of dollars; space in million square feet; except percent. Includes new structures and additions to existing structures, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also Historical Statistics, Colonial Times to 1970, series N 78-100]

CLASS OF CONSTRUCTION	AMOUNT								PERCENT DISTRIBUTION		
	1970	1973	1974	1975	1976	1977	1978	1979	1970	1975	1979
Value of construction, total	**68.3**	**99.3**	**93.7**	**92.7**	**110.1**	**139.7**	**159.9**	**166.4**	**100.0**	**100.0**	**100.0**
Residential buildings	24.8	45.7	33.6	31.3	44.2	62.0	74.9	74.7	36.3	33.8	44.9
Nonresidential buildings, total	24.6	31.4	33.2	31.6	30.0	35.1	45.0	49.7	36.0	34.1	29.9
Commercial [1]	9.1	12.8	11.8	9.2	10.2	13.6	20.6	24.2	13.3	9.9	14.5
Manufacturing	3.7	4.8	5.6	6.8	4.5	5.4	9.2	7.3	5.4	7.3	4.4
Educational and science	5.3	5.1	6.3	5.9	4.9	5.2	5.7	6.3	7.8	6.4	3.8
Hospital	2.8	3.3	3.8	3.7	4.5	4.5	3.8	4.8	4.1	4.0	2.9
Public buildings	1.0	2.0	2.1	2.1	2.1	2.3	1.5	1.6	1.5	2.3	1.0
Religious	.6	.7	.8	.8	.9	1.0	1.2	1.3	.9	.9	.8
Social and recreational [2]	2.1	2.7	2.8	3.1	3.0	3.3	3.0	4.1	3.1	3.3	2.5
Nonbuilding construction	19.0	22.1	27.0	29.8	35.9	42.6	39.9	42.0	27.8	32.2	25.2
Floor space, total	**2,938**	**4,013**	**2,938**	**2,390**	**2,819**	**3,536**	**4,101**	**3,900**	**100.0**	**100.0**	**100.0**
Residential buildings	1,781	2,574	1,657	1,441	1,867	2,440	2,815	2,531	60.6	60.3	64.9
Nonresidential buildings, total	1,157	1,439	1,282	949	952	1,096	1,286	1,369	39.4	39.7	35.1
Commercial [1]	530	717	594	409	440	564	758	813	18.0	17.1	20.8
Manufacturing	212	293	246	146	152	175	219	237	7.2	6.1	6.1
Educational and science	195	156	176	152	118	112	104	101	6.6	6.4	2.6
Hospital	75	76	75	63	71	66	53	58	2.6	2.6	1.5
Public buildings	29	49	47	46	42	43	22	20	1.0	1.9	.5
Religious	27	28	27	28	31	32	35	34	.9	1.2	.9
Social and recreational [2]	89	120	117	105	99	105	96	106	3.0	4.4	2.7

[1] Includes nonindustrial warehouses. [2] Includes miscellaneous.

Source: F.W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. In *Dodge Construction Potentials.*

No. 1389. Construction Contracts—Value, by States: 1975 to 1979

[In millions of dollars. See headnote, table 1388. Represents value of construction in States in which work was actually done]

STATE	1975	1977	1978	1979			STATE	1975	1977	1978	1979		
				Total (incl. nonbldg.)	Residential	Nonresidential					Total (incl. nonbldg.)	Residential	Nonresidential
Total	**92,659**	**139,723**	**159,930**	**166,378**	**74,686**	**49,659**	Mo	1,645	2,461	2,752	3,047	1,273	1,032
							Mont	393	444	554	569	228	132
Ala	3,084	1,980	2,758	2,528	983	670	Nebr	747	868	1,392	1,028	484	267
Alaska	4,826	825	692	630	191	217	Nev	479	1,006	1,322	1,197	745	275
Ariz	1,704	3,827	2,907	3,566	2,046	1,049	N.H	313	1,653	1,604	547	270	157
Ark	1,301	1,250	1,536	1,588	746	383	N.J	1,950	4,805	4,096	3,585	1,644	1,385
Calif	8,663	14,544	16,102	18,035	10,403	5,505	N. Mex	660	956	987	1,046	500	317
Colo	1,380	2,050	2,639	3,179	1,760	960							
Conn	804	1,164	1,541	1,574	665	621	N.Y	3,955	4,326	5,711	5,356	1,865	1,894
Del	228	281	368	343	120	120	N.C	2,240	3,019	4,756	5,862	1,960	1,162
D.C	542	455	432	546	153	299	N. Dak	865	719	824	597	311	123
							Ohio	3,924	7,317	6,482	6,257	2,686	2,353
Fla	3,607	6,873	9,116	12,171	7,227	2,621	Okla	1,166	2,426	2,365	2,899	1,211	622
Ga	1,825	5,209	3,472	3,665	1,809	1,056	Oreg	1,036	1,936	2,259	2,495	1,240	796
Hawaii	979	613	667	1,003	465	311	Pa	3,009	3,861	4,795	4,494	1,963	1,582
Idaho	399	703	737	672	403	153							
Ill	3,907	5,786	7,262	6,997	2,788	2,498	R.I	244	305	345	392	199	136
Ind	2,211	4,353	6,437	3,460	1,540	1,186	S.C	2,143	1,548	1,811	4,805	1,115	687
Iowa	1,252	1,517	2,223	2,387	856	484	S. Dak	275	459	554	542	266	101
Kans	1,324	3,103	1,611	1,811	781	564	Tenn	1,678	6,222	3,081	4,920	1,405	1,098
							Tex	6,372	10,703	13,868	13,052	6,235	4,569
Ky	1,444	2,249	3,486	3,063	1,112	695	Utah	735	1,064	1,385	1,436	675	566
La	1,847	3,635	4,636	3,348	1,264	1,361							
Maine	398	400	513	479	251	123	Vt	144	231	279	303	136	96
Md	1,886	2,183	2,846	2,577	1,181	805	Va	2,932	3,505	4,779	3,972	1,895	1,323
Mass	1,415	1,836	2,244	2,625	986	889	Wash	2,019	2,976	4,427	4,544	2,297	1,533
Mich	3,187	4,275	6,043	5,238	2,399	1,945	W. Va	926	629	787	1,204	277	361
Minn	1,667	2,705	3,186	3,305	1,487	1,044	Wis	1,667	2,605	3,067	2,949	1,305	1,024
Miss	1,030	1,421	1,580	3,896	641	332	Wyo	229	440	611	595	242	177

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. Figures reported currently in *Dodge Construction Potentials.*

No. 1390. Private Construction Authorized by Building Permits: 1972 to 1979

[In billions of dollars. "14,000 and 16,000 place" series are based on U.S. total of approximately 14,000 and 16,000 places identified in 1972 and 1978, respectively, with local building permit systems]

Type of construction	Value (14,000 places)							Value (16,000 places)	
	1972	1973	1974	1975	1976	1977	1978	1978	1979
Total	**59.4**	**61.8**	**50.8**	**47.3**	**63.1**	**82.9**	**96.6**	**101.6**	**108.0**
New housing units	35.9	33.7	23.5	23.9	35.5	50.0	55.4	58.9	56.3
In structures with—									
1 unit	21.4	20.7	16.8	19.8	29.0	40.0	43.2	46.3	42.6
2–4 units	1.9	1.7	1.0	1.1	1.8	2.6	3.0	3.1	3.3
5 units or more	12.5	11.3	5.7	3.0	4.7	7.4	9.3	9.6	10.4
New nonhousekeep. residential bldgs	1.4	1.7	.9	.7	.8	1.0	1.3	1.3	1.6
New nonresidential buildings	17.3	20.9	20.5	16.2	19.2	23.7	30.8	32.2	38.9
Industrial buildings	2.9	4.5	4.5	3.0	3.9	5.5	7.4	7.8	9.5
Office buildings	3.8	4.1	3.9	3.0	3.1	4.3	6.6	6.8	9.1
Stores and other mercantile	4.2	4.8	4.3	3.4	4.3	5.7	7.3	7.6	9.0
Hospitals and other institutional	1.9	1.9	2.0	2.0	2.4	2.0	2.1	2.1	2.3
All other nonresidential	4.6	5.6	5.8	4.8	5.4	6.1	7.4	7.9	9.0
Additions and alterations	4.9	5.6	6.0	6.6	7.7	8.2	9.1	9.2	11.2

No. 1391. Price, Wage Scale, and Cost Indexes for Construction: 1965 to 1979

[1972 = 100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970*, series N 118–137, for construction cost indexes on a 1947–49 base]

Item	1965	1970	1973	1974	1975	1976	1977	1978	1979
Price index for new one-family houses sold [1]	71.2	89.1	108.9	119.1	131.0	142.0	159.6	182.1	207.3
Union hourly wage scales, *building trades* [2]	59.3	84.1	105.0	113.2	122.9	130.9	138.6	146.5	156.6
Bricklayers	59.8	83.2	104.0	112.3	119.9	126.5	133.1	140.3	150.7
Carpenters	60.1	85.4	106.1	114.0	123.9	131.3	138.3	145.9	155.8
Electricians	57.6	82.1	103.8	110.3	122.0	130.2	138.8	146.7	157.4
Painters	59.8	83.2	105.6	113.6	123.5	132.8	141.0	149.5	159.4
Plasterers [2]	61.0	83.5	104.4	113.0	121.1	129.8	137.5	144.9	154.5
Plumbers	59.8	85.4	103.9	113.0	122.2	130.6	138.6	146.8	157.1
Building laborers	59.5	85.0	105.5	115.7	125.3	133.6	142.1	150.5	161.5
Construction cost indexes:									
Dept. of Commerce composite [3]	67.2	88.6	108.7	126.9	138.4	143.9	156.3	175.7	199.6
Federal Highway Admin.: Highways [4]	65.3	90.9	110.3	146.0	147.5	144.2	156.6	191.7	223.1
Environmental Protection Agency:									
Sewers	62.8	80.7	107.5	124.2	139.5	148.2	157.6	172.6	194.1
Sewage treatment plant	65.1	83.5	106.2	126.3	145.3	152.5	161.8	177.1	194.8
Federal Energy Regulatory Commission: Pipeline	79	90	106	126	155	163	167	186	201
American Appraisal Co.: Building construction [5]	60	83	111	117	125	137	146	159	172
Turner Construction Co.: Building construction [6]	61	84	107	124	129	132	137	145	161
E. H. Boeckh, *building cost index:* [7]									
Small residential structures	62.0	84.0	109.2	118.0	125.9	136.2	148.5	161.8	176.6
Apartments, hotels, and office buildings	62.4	85.6	105.9	115.8	127.2	137.3	148.6	158.2	170.5
Commercial and factory buildings	62.2	85.0	106.6	118.1	130.4	141.5	152.9	164.3	179.0
Engineering News-Record: [8]									
Building construction	60.1	80.2	108.5	114.9	124.5	135.9	147.3	159.6	173.5
General construction	55.6	79.1	108.3	115.5	126.2	137.1	147.2	158.5	171.5
Handy-Whitman public utility: [9] Building	65	83	109	132	147	150	158	173	192
Electric light and power [10]	69	88	107	127	149	158	169	179	197

[1] *Includes value of site.* [2] *Based on minimum wage rates agreed upon through collective bargaining; excludes overtime.* As of first work day in July. Includes Honolulu, Hawaii, beginning in 1976. Source: U.S. Bureau of Labor Statistics, *Union Wages and Hours: Building Trades*, annual. [3] Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction. [4] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). [5] Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit. [6] Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs. [7] Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. [8] Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" × 4" lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. [9] Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs. [10] As derived by U.S. Bureau of the Census. Covers steam production plants only; excludes hydraulic plants.

Source of tables 1390 and 1391: Except as noted, U.S. Bureau of the Census. In U.S. Department of Commerce, Bureau of Industrial Economics, *Construction Review*.

NO. 1392. CONSTRUCTION MATERIALS—INDEXES OF PRODUCER PRICES: 1970 TO 1979

[1967 = 100. For discussion of producer price index, see text, p. 475. Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. See also, *Historical Statistics, Colonial Times to 1970,* series N 140–155]

COMMODITY	1970	1972	1973	1974	1975	1976	1977	1978	1979 prel.
All materials	**112.5**	**126.6**	**138.5**	**160.9**	**174.0**	**187.7**	**204.9**	**228.3**	**251.4**
Softwood lumber: Douglas fir	108.7	161.1	209.6	213.7	212.0	250.7	291.4	339.7	383.4
Southern pine	114.7	151.5	187.9	184.5	175.3	217.4	262.5	304.6	324.2
Other	115.0	177.0	226.6	220.8	205.3	257.8	312.6	363.9	400.4
Hardwood lumber	*114.6*	*126.2*	*169.0*	*189.5*	*160.3*	*176.0*	*200.3*	*235.8*	*260.0*
Millwork	116.0	128.4	144.2	157.1	160.4	176.9	193.7	235.4	254.3
Plywood	108.4	130.7	155.2	161.1	161.2	187.0	212.2	235.6	250.6
Building paper and board	101.0	106.4	112.8	123.5	127.1	138.8	157.0	187.4	182.7
Prepared paint	112.4	118.0	122.2	145.7	166.9	174.4	182.4	192.3	204.2
Finished steel products:									
Structural shapes	115.3	134.6	140.7	179.0	216.3	227.1	241.2	272.0	300.4
Reinforcing bars	110.3	114.7	124.1	201.5	199.2	182.5	185.8	208.4	260.9
Black pipe, carbon	113.3	132.5	137.8	178.7	204.6	219.1	247.9	279.8	301.8
Wire nails, 8d common	114.8	133.5	140.4	207.1	241.4	243.6	261.3	273.5	298.5
Nonferrous metal products	124.7	116.9	135.0	187.1	171.6	181.6	195.4	207.8	261.6
Copper water tubing	122.9	116.4	133.3	174.7	134.2	147.7	(NA)	162.8	215.5
Building wire	123.2	92.9	108.2	169.7	125.6	118.4	126.7	125.5	167.7
Plumbing fixtures	111.2	119.7	125.8	149.1	162.3	174.1	186.6	199.1	217.1
Heating equipment	110.6	118.2	120.4	135.0	150.7	158.0	165.5	174.4	187.0
Metal doors, sash, trim	113.0	120.5	124.5	147.3	162.5	171.3	188.7	207.6	229.5
Plate glass	(NA)	115.0	115.0	115.0	120.4	126.4	133.0	147.3	153.3
Concrete ingredients	112.6	126.9	131.2	148.7	172.3	186.7	199.0	217.7	243.6
Concrete products	112.2	125.6	131.7	151.7	170.5	180.1	191.8	214.0	244.1
Structural clay products [1]	109.9	117.3	123.3	135.2	151.2	163.5	179.8	197.2	218.0
Gypsum products	99.7	114.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3
Asphalt roofing	102.7	131.2	135.5	196.0	225.9	238.3	253.0	292.0	324.6
Insulation materials	123.2	136.9	137.4	156.5	196.2	212.6	235.9	250.7	256.3

NA Not available. [1] Excludes refractories.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

NO. 1393. CONSTRUCTION INDUSTRIES—SUMMARY, BY INDUSTRY: 1972 AND 1977

[Based on a probability sample of about 167,000 in 1972 and 181,000 in 1977 construction establishments with payroll; see Appendix III. n.e.c. = not elsewhere classified]

INDUSTRY	Establishments with payroll (1,000)	EMPLOYEES (1,000)		PAYROLL (mil. dol.)		RECEIPTS (mil. dol.)		Value added [2] (mil. dol.)
		Total	Construction workers	Total	Construction workers	Total	Net construction [1]	
1972, total	**437.9**	**4,146**	**3,487**	**40,005**	**32,187**	**155,850**	**111,232**	**68,197**
Contract construction	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
General building contractors	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
Heavy construction contractors	28.0	827	709	9,255	7,537	31,461	25,357	16,200
Special trade contractors [3]	*269.0*	*2,107*	*1,817*	*20,114*	*16,759*	*56,911*	*52,114*	*33,726*
1977, total	**480.0**	**4,273**	**3,565**	**54,980**	**43,112**	**224,665**	**164,516**	**98,864**
Contract construction	474.9	4,234	3,548	54,566	42,963	221,622	163,463	98,116
General building contractors [4]	156.0	1,181	963	13,537	10,041	89,787	48,262	25,040
Heavy construction contractors	31.3	917	757	14,267	10,988	50,728	40,272	26,573
Highway and street construction	11.7	268	233	3,596	2,927	15,621	12,546	7,641
Special trade contractors [3]	287.7	2,136	1,827	26,762	21,934	81,108	74,929	46,502
Plumbing, heating, air-conditioning	56.4	459	369	6,414	5,025	21,431	19,136	10,681
Painting, paperhanging, decorating	27.4	133	121	1,361	1,191	3,205	3,051	2,362
Electrical work	36.8	357	297	5,483	4,497	14,482	13,919	8,748
Masonry and other stonework	*24.8*	*152*	*143*	*1,493*	*1,350*	*3,805*	*3,678*	*2,417*
Plastering, drywall, insulation	16.7	180	158	2,262	1,901	6,266	5,819	3,630
Terrazzo, tile, marble, mosaic work	3.9	22	19	255	208	789	750	443
Carpentering	24.4	125	115	1,202	1,061	3,647	3,328	2,083
Floor laying and floor work, n.e.c	9.0	41	34	453	352	1,674	1,548	824
Roofing and sheet metal work	20.6	172	146	1,968	1,555	6,321	5,939	3,420
Concrete work	17.0	118	107	1,210	1,043	4,152	3,862	2,228
Water well drilling	4.3	22	19	237	188	1,118	1,078	629
Structural steel erection	2.6	47	41	674	556	1,882	1,709	1,184
Glass and glazing work	3.3	26	19	317	229	1,153	995	571
Excavating and foundation work	16.5	104	92	1,208	1,021	4,370	3,930	2,994
Wrecking and demolition work	*1.0*	*8*	*7*	*89*	*70*	*258*	*229*	*211*
Subdividers and developers, n.e.c	5.1	39	18	414	150	3,043	1,053	748

[1] Construction receipts less payments for construction work subcontracted to others, not shown separately. [2] Total receipts less (*a*) payments for materials, components, and supplies, (*b*) payments for construction work subcontracted to others, not shown separately. [3] Includes other, not shown separately. [4] Includes operative builders.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1972* and *1977,* series CC.

No. 1394. Construction Establishments—Summary, by States: 1977

[See headnote, table 1393]

State	All establishments		Establishments with payroll			State	All establishments		Establishments with payroll		
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Employees (1,000)	Receipts (mil. dol.)		Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Employees (1,000)	Receipts (mil. dol.)
U.S	1,200.4	244,816	480.0	4,273	224,665	Mo	31.9	5,100	10.5	89	4,658
						Mont	7.6	924	2.6	16	819
Ala	18.1	3,862	7.4	81	3,617	Nebr	13.1	2,109	4.9	36	1,932
Alaska	3.3	1,524	1.4	17	1,428	Nev	3.8	1,365	1.8	22	1,291
Ariz	10.9	3,433	5.3	53	3,259	N.H	7.4	896	3.0	18	811
Ark	17.8	1,780	5.1	34	1,522	N.J	32.9	6,158	15.4	115	5,656
Calif	104.0	33,412	44.7	424	30,515	N. Mex	6.4	1,313	3.4	30	1,228
Colo	21.7	4,670	6.5	74	4,322	N.Y	62.8	11,647	27.1	206	10,765
Conn	17.3	2,921	7.5	51	2,624	N.C	33.8	4,845	14.4	116	4,489
Del	3.1	1,120	1.6	18	1,090						
D.C	1.1	705	.5	11	677	N. Dak	5.3	797	2.1	15	745
						Ohio	54.8	10,725	20.8	180	9,893
Fla	50.7	10,185	21.9	197	9,345	Okla	24.1	2,899	7.0	52	2,469
Ga	28.0	4,822	10.9	101	4,379	Oreg	18.6	3,073	7.3	45	2,698
Hawaii	3.2	1,509	1.7	21	1,435	Pa	57.7	11,451	24.3	217	10,606
Idaho	9.4	1,297	2.8	19	1,113	R.I	5.0	804	2.5	15	749
Ill	51.4	13,374	21.0	210	12,338	S.C	14.4	3,311	6.5	65	3,104
Ind	30.5	5,352	11.3	99	4,905	S. Dak	5.1	648	2.2	12	570
Iowa	22.8	3,099	8.3	56	2,829	Tenn	27.3	4,130	9.4	85	3,708
Kans	18.4	2,703	6.3	53	2,438						
						Tex	88.7	22,523	31.5	408	20,577
Ky	23.5	2,807	7.4	56	2,493	Utah	9.9	2,025	4.4	35	1,829
La	18.4	4,908	7.5	107	4,579	Vt	4.6	390	1.7	9	347
Maine	8.9	810	3.3	20	736	Va	28.7	5,519	13.1	117	5,110
Md	20.4	5,885	9.7	105	5,549	Wash	24.7	5,616	11.4	85	5,201
Mass	29.2	4,611	11.7	87	4,210	W. Va	8.6	1,254	3.7	31	1,171
Mich	40.8	8,411	16.4	128	7,760	Wis	27.0	4,739	11.0	81	4,362
Minn	26.6	5,136	9.7	83	4,716	Wyo	4.3	722	1.8	13	650
Miss	11.4	1,497	4.3	34	1,352						

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1977*, area series CC77-A.

No. 1395. New Housing Units Authorized by States: 1978 and 1979

[Includes public housing contract awards. Based on about 16,000 places in U.S. having building permit systems]

State	Housing units			Valuation		State	Housing units			Valuation	
	1978, total (1,000)	1979		1978 (mil. dol.)	1979 (mil. dol.)		1978, total (1,000)	1979		1978 (mil. dol.)	1979 (mil. dol.)
		Total (1,000)	Percent single unit [1]					Total (1,000)	Percent single unit [1]		
U.S	1,801.5	1,552.9	63	58,938	56,372	Mo	29.1	19.4	72	896	657
						Mont	4.8	3.1	66	129	90
Ala	21.0	17.6	58	496	439	Nebr	10.9	8.8	75	290	277
Alaska	4.8	2.7	61	234	151	Nev	25.6	19.0	61	802	700
Ariz	62.1	53.8	67	1,621	1,493	N.H	7.2	6.8	71	247	241
Ark	9.9	8.5	71	297	289	N.J	38.2	34.6	67	1,231	1,251
Calif	245.3	211.7	61	9,589	9,736	N. Mex	15.4	13.1	69	519	463
Colo	46.3	42.8	71	1,519	1,589	N.Y	43.1	33.8	59	1,228	1,068
Conn	15.9	14.8	64	543	536	N.C	42.9	41.6	71	1,260	1,270
Del	3.0	3.0	75	94	97						
D.C	2.2	1.7	23	49	59	N. Dak	6.0	4.8	51	194	185
						Ohio	59.9	48.0	59	2,145	1,917
Fla	163.9	175.7	59	4,947	5,858	Okla	21.2	18.8	72	770	761
Ga	37.5	40.7	73	1,064	1,239	Oreg	38.6	28.3	63	1,269	1,058
Hawaii	9.5	11.0	55	389	542	Pa	54.0	42.8	75	1,685	1,481
Idaho	10.5	9.0	74	332	300	R.I	5.4	5.3	61	141	151
Ill	72.2	45.8	50	2,736	1,653	S.C	27.0	26.8	71	605	823
Ind	35.1	26.8	68	1,279	1,077	S. Dak	5.3	3.9	65	154	120
Iowa	17.2	13.3	58	554	466	Tenn	28.8	23.3	66	813	729
Kans	15.9	13.3	64	578	520						
						Texas	169.7	150.0	51	4,943	4,981
Ky	16.1	13.1	63	469	437	Utah	21.2	16.6	76	715	631
La	27.1	23.6	65	812	782	Vt	3.6	3.2	61	101	104
Maine	5.8	4.3	68	178	138	Va	52.1	44.6	78	1,671	1,586
Md	30.4	26.7	77	970	925	Wash	61.6	51.8	59	2,123	1,932
Mass	21.5	21.4	59	638	712	W. Va	4.4	3.8	51	125	120
Mich	61.1	49.3	69	2,107	1,902	Wis	37.7	26.5	64	1,303	981
Minn	37.8	29.4	69	1,439	1,230	Wyo	5.1	5.2	68	168	188
Miss	10.8	8.9	62	278	242						

[1] Privately owned structures.

Source: U.S. Bureau of the Census, *Construction Reports*, series C40, annual, and December issues.

No. 1396. New Housing Units Started: 1960 to 1980

[Minus sign (−) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series N 156-159]

YEAR	Total (1,000)	Percent change	PRIVATELY OWNED (1,000)		Publicly owned (1,000)	YEAR AND MONTH	Total (1,000)	Percent change	PRIVATELY OWNED (1,000)		Publicly owned (1,000)
			Total	1-unit structures					Total	1-unit structures	
1960	1,296	[1] −16.6	1,252	995	44	1975	1,171	−13.4	1,160	892	11
1961	1,365	5.3	1,313	974	52	1976	1,548	32.2	1,538	1,162	10
1962	1,492	9.3	1,463	991	30	1977	1,990	28.6	1,987	1,451	3
1963	1,635	9.6	1,603	1,012	32	1978	2,023	1.7	2,020	1,433	3
1964	1,561	−4.5	1,529	970	32	1979	1,749	−13.5	1,745	1,194	4
1965	1,510	−3.3	1,473	964	37						
1966	1,196	−20.8	1,165	779	31	**1980:** Jan.	(NA)	(NA)	[3] 1,419	[3] 1,002	(NA)
1967	1,322	10.5	1,292	844	30	Feb.	(NA)	(NA)	[3] 1,330	[3] 786	(NA)
						Mar.	(NA)	(NA)	[3] 1,041	[3] 617	(NA)
1968	1,545	16.9	1,508	899	38	Apr.	(NA)	(NA)	[3] 1,030	[3] 628	(NA)
1969	1,500	−2.9	1,467	811	33	May	(NA)	(NA)	[3] 906	[3] 628	(NA)
1970	1,469	−2.1	1,434	813	35	June	(NA)	(NA)	[3] 1,223	[3] 757	(NA)
1971	2,085	41.9	2,052	1,151	32	July	(NA)	(NA)	[3] 1,265	[3] 869	(NA)
1972	2,379	14.1	2,357	1,309	22	Aug. [2]	(NA)	(NA)	[3] 1,416	[3] 1,000	(NA)
1973	2,057	−13.5	2,045	1,132	12	Sept. [2]	(NA)	(NA)	[3] 1,544	[3] 1,050	(NA)
1974	1,352	34.3	1,338	888	15						

NA Not available. [1] Change from 1959. [2] Preliminary. [3] Seasonally adjusted annual rate.

Source: U.S. Bureau of the Census, Construction Reports, series C20.

No. 1397. New Housing Units Started—Selected Characteristics: 1970 to 1979

[**In thousands.** See also *Historical Statistics, Colonial Times to 1970*, series N 156-163]

CHARACTERISTIC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	**1,469**	**2,085**	**2,379**	**2,057**	**1,352**	**1,171**	**1,548**	**1,990**	**2,023**	**1,749**
Northeast [1]	224	271	334	278	183	150	170	202	201	178
North Central [1]	301	440	445	442	320	295	401	465	451	350
South [1]	629	884	1,068	906	561	448	575	784	824	748
West [1]	315	490	532	431	288	278	402	539	547	473
Units inside SMSA's [2]	1,034	1,519	1,733	1,502	932	767	1,048	1,378	1,433	1,242
Units outside SMSA's [2]	435	566	646	556	420	405	499	612	590	507
Publicly owned	35	32	22	12	15	11	10	3	3	4
Privately owned	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745
With FHA aid	421	528	[3] 371	[3] 163	[3] 95	[3] 98	[3] 144	[3] 178	[3] 178	[3] 178
With VA aid	61	94	[3] 104	[3] 86	[3] 73	[3] 77	[3] 100	[3] 131	[3] 127	[3] 122
In structures with:										
1 unit	815	1,153	1,311	1,133	869	896	1,166	1,452	1,436	1,196
2-4 units	96	133	151	124	77	68	89	122	125	123
5 units or more	558	799	917	800	387	208	292	415	463	430

[1] For composition of regions, see fig. I, inside front cover. [2] For definition of standard metropolitan statistical area (SMSA), see text, Appendix II. 1970-1975 based on 1967 definitions as amended through 1974; thereafter, on 1974 definitions as amended through 1975. [3] Source: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook*.

Source: Except as noted, U.S. Bureau of the Census, *Construction Reports*, series C20, and unpublished data. Includes data from U.S. Federal Housing Administration and U.S. Veterans Administration.

No. 1398. New Mobile Homes Placed for Residential Use and Average Sales Price, by Region: 1974 to 1979

[A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Based on a probability sample and subject to sampling variability; see source. For composition of regions, see fig. I, inside front cover]

REGION	UNITS (1,000)						AVERAGE SALES PRICE ($1,000)					
	1974	1975	1976	1977	1978	1979	1974	1975	1976	1977	1978	1979
U.S.	**332.0**	**229.3**	**249.6**	**257.5**	**279.9**	**279.9**	**9.3**	**10.6**	**12.3**	**14.2**	**15.9**	**17.6**
Northeast	23.3	14.7	16.8	16.7	17.4	16.9	9.4	10.5	11.6	12.9	14.3	15.8
North Central	67.5	48.5	51.5	50.7	49.5	47.3	9.3	10.7	11.6	13.5	15.1	16.1
South	170.8	110.8	114.8	112.5	135.3	145.2	8.3	9.0	10.6	12.1	13.7	15.6
West	70.4	55.2	66.5	77.7	77.7	70.5	11.6	13.6	16.0	18.1	20.6	23.1

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1399. Private Housing Starts, by Region, and Mobile Homes: 1970 to 1979

[**In thousands of units, except percent.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 157 and N 170]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Private housing starts [1]	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745
Single family	813	1,151	1,309	1,132	888	892	1,162	1,451	1,433	1,194
Condominiums [2]	(NA)	(NA)	(NA)	69	46	20	30	41	42	43
Northeast	113	145	170	155	119	112	127	156	147	123
North Central	166	238	256	269	225	222	294	337	325	243
South	377	526	612	478	367	366	464	588	604	522
West	157	242	272	230	176	192	277	370	358	306
Multifamily	621	901	1,047	913	450	268	375	536	587	551
Percent of total	43.3	43.9	44.4	44.6	33.6	33.0	24.4	27.0	29.1	31.6
Condominiums [2]	(NA)	(NA)	(NA)	172	130	45	64	77	113	156
Northeast	105	119	159	122	64	37	43	46	53	55
North Central	128	196	187	171	92	72	106	128	126	106
South	235	343	445	421	186	76	104	195	220	225
West	154	244	255	199	108	83	122	168	188	165
MOBILE HOMES [3]										
Shipments to dealers	401	497	576	567	329	213	246	277	276	277
Percent of total private starts and mobile homes	21.9	19.5	19.6	21.7	19.7	15.5	13.8	12.2	12.0	13.7
Percent of single-family private starts and mobile homes	33.0	30.1	30.5	33.4	27.0	19.3	17.5	16.0	16.1	18.8

NA Not available. [1] Includes farm housing. [2] Type of ownership under which the owners of the individual housing units are also joint owners of the common areas of the building or community. Includes a small number of cooperatively owned units. [3] A mobile home is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. The homes are defined as units more than 8 feet wide or 32 feet in length.

Source: U.S. Bureau of the Census, *Construction Reports, series C20.* Mobile home shipments data provided by Manufactured Housing Institute, Arlington, Va., through 1977; for 1978 and 1979, by the National Conference of States and Building Codes and Standards.

No. 1400. Percent of New Privately Owned Completed One-Family Houses with Various Characteristics: 1970 to 1979

[**Percent distribution, except total houses.** Data beginning 1975 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 cover contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported. See also headnote, table 1424]

CHARACTERISTIC	1970	1975	1977	1978	1979	CHARACTERISTIC	1970	1975	1977	1978	1979
Total houses (1,000)	793	875	1,258	1,369	1,301	**Bathrooms**	100	100	100	100	100
						1 or less	32	24	17	15	16
Financing	100	100	100	100	100	1½	20	17	13	11	11
Mortgage	84	82	86	86	84	2	32	40	47	48	48
FHA-insured	30	9	7	8	11	2½ or more	16	20	23	25	26
VA-guaranteed	7	8	8	7	7						
Conventional	47	58	68	69	63	**Foundation**	100	100	100	100	100
Farmers Home Admin		7	4	3	3	*Full or partial basement*	37	45	44	42	42
Cash or equivalent	16	18	14	13	15	Slab	36	35	38	40	39
						Crawl space	27	20	18	18	19
Floor area (sq. ft.)	100	100	100	100	100						
Under 1,200	36	25	20	18	19	**Heating fuel**	100	100	100	100	100
1,200–1,599	28	30	30	28	28	Electricity	28	49	50	52	51
1,600–1,999	16	34	38	24	23	Gas	62	40	38	37	39
2,000–2,399	21			16	15	Oil	8	9	9	8	7
2,400 and over		11	13	14	15	*Other*	1	2	2	3	3
Number of stories	100	100	100	100	100						
1	74	65	63	61	59	**Central air-condition**	100	100	100	100	100
2 or more	17	23	26	28	31	With	34	46	54	58	60
Split level	10	12	11	11	11	Without	66	54	46	42	40
Bedrooms	100	100	100	100	100	**Parking facilities**	100	100	100	100	100
2 or less	13	14	11	12	14	Garage	58	67	73	74	73
3	63	65	66	64	64	*Carport*	17	9	7	7	7
4 or more	24	21	23	24	23	No garage or carport	25	24	19	18	20

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing* (a joint publication).

No. 1401. Gross Housing Product—Summary: 1960 to 1978

[**In billions of dollars.** For definition of current and constant dollars, see text, p. 437]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
CURRENT DOLLARS										
Total value of housing output [1]	46.7	63.3	90.3	108.2	118.6	131.6	144.7	159.9	180.5	204.4
Percent of GNP [2]	9.2	9.2	9.2	9.2	9.1	9.3	9.5	9.4	9.6	9.7
Nonfarm housing	44.6	60.8	87.3	104.8	114.7	126.9	139.2	153.9	173.4	196.7
Owner-occupied	31.3	42.7	61.3	74.0	81.3	90.5	100.1	110.9	125.7	142.9
Tenant-occupied	13.3	18.2	26.0	30.8	33.4	36.3	39.1	43.0	47.7	53.7
Farm housing	2.1	2.5	3.0	3.5	3.9	4.7	5.4	6.0	7.2	7.7
Less: Intermediate goods and services consumed	7.8	8.8	12.2	16.0	17.8	19.6	21.3	24.7	26.5	31.8
Equals: Gross housing product	38.9	54.5	78.1	92.2	100.9	112.0	123.4	135.2	154.0	172.6
CONSTANT (1972) DOLLARS										
Total value of housing output [1]	61.9	78.7	98.1	108.2	113.3	119.1	124.0	129.8	137.6	145.7
Nonfarm housing	57.9	74.8	94.5	104.8	110.0	115.8	120.8	126.7	134.7	142.9
Owner-occupied	40.6	52.5	66.3	74.0	78.0	82.6	86.9	91.3	97.6	103.8
Tenant-occupied	17.2	22.3	28.1	30.8	32.0	33.2	33.9	35.4	37.1	39.1
Farm housing	4.1	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.8
Less: Intermediate goods and services consumed	10.3	11.0	13.3	16.0	17.0	17.8	18.3	20.1	20.3	22.8
Equals: Gross housing product	51.7	67.7	84.9	92.2	96.3	101.3	105.8	109.6	117.3	122.9

[1] *Equals personal consumption expenditures (see text, pages 779 and 780) for housing less expenditures for transient hotels, motels, clubs, schools, and institutions.* [2] GNP-Gross national product.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74,* and *Survey of Current Business,* July issues.

No. 1402. Residential Capital—Stocks and Average Age: 1960 to 1979

[**As of Dec. 31.** Data based on fixed residential capital formation components of the gross national product; see text, p. 435. For nonresidential business capital, see table 936. See *Historical Statistics, Colonial Times to 1970,* series F 528-534 and N 200-223 for related data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
	CAPITAL IN CURRENT DOLLARS (bil. dol.)									
Gross stocks [1]	717	847	1,233	1,655	1,862	2,044	2,290	2,649	3,071	3,519
Private nonfarm: 1-4 units	588	682	971	1,274	1,425	1,565	1,759	2,043	2,376	2,725
5 or more units	48	72	127	200	232	254	283	327	378	435
Farm (1-4 units)	44	43	54	64	70	75	81	91	103	114
Private nonhousekeeping	14	20	30	42	47	52	57	64	73	83
Mobile homes	5	7	17	29	35	40	45	52	59	68
Public: *Federal, State and local*	13	17	27	37	42	45	50	58	66	75
Net stocks [1] [2]	450	546	797	1,085	1,216	1,328	1,483	1,717	1,991	2,278
Private nonfarm: 1-4 units	380	445	629	827	922	1,009	1,134	1,321	1,541	1,766
5 or more units	28	48	91	150	174	189	208	238	274	314
Farm (1-4 units)	20	19	23	26	28	30	33	37	42	47
Private nonhousekeeping	7	12	20	28	32	34	37	41	46	51
Mobile homes	3	5	11	20	24	26	28	31	35	40
Public: Federal, State and local	10	13	20	27	30	33	36	40	46	51
	CAPITAL IN CONSTANT (1972) DOLLARS (bil. dol.)									
Gross stocks [1]	956	1,120	1,277	1,419	1,451	1,477	1,510	1,552	1,596	1,636
Private nonfarm: 1-4 units	787	904	1,007	1,090	1,109	1,129	1,157	1,192	1,228	1,259
5 or more units	65	96	132	172	180	183	186	191	195	201
Public: Federal, State and local	17	22	28	31	32	33	33	34	34	35
Farm (1-4 units)	59	58	56	55	54	54	54	53	53	53
Private nonhousekeeping	19	26	31	36	37	37	37	38	38	38
Mobile homes	5	8	16	26	29	30	32	34	36	38
Net stocks [1] [2]	601	721	826	930	948	959	978	1,006	1,034	1,058
Private nonfarm: 1-4 units	509	590	652	708	717	728	746	771	796	816
5 or more units	37	64	94	129	135	136	137	139	142	145
Farm (1-4 units)	26	25	24	23	22	22	22	22	22	22
Private nonhousekeeping	10	16	21	24	25	25	24	24	24	24
Mobile homes	3	5	11	18	20	20	20	21	21	22
Public: Federal, State and local	14	18	21	23	24	24	23	24	24	24
	AVERAGE AGE [3] (years)									
Gross stocks	27.9	26.4	25.8	24.8	24.9	25.0	25.1	24.9	24.8	24.8
Private nonfarm: 1-4 units	27.5	26.7	26.8	26.4	26.6	26.7	26.6	26.4	26.2	26.2
5 or more units	27.9	21.4	18.4	16.0	16.0	16.4	16.9	17.2	17.5	17.7
Farm (1-4 units)	45.0	45.5	45.9	46.2	46.4	46.4	46.4	46.2	46.1	45.9
Private nonhousekeeping	21.2	16.0	14.3	13.6	13.6	13.9	14.3	14.8	15.2	15.5
Mobile homes	5.4	6.1	5.4	4.9	5.1	5.6	6.0	6.3	6.6	6.8
Federal	14.7	16.0	19.7	20.1	20.4	21.1	21.8	22.5	23.2	24.0
State and local	9.8	11.7	13.1	14.4	15.0	15.7	16.5	17.1	17.7	18.3

[1] Includes other, not shown separately. [2] Represents net value of structures at preceding yearend plus net investment based on straight-line depreciation for year shown. [3] Constant-dollar stocks.

Source: U.S. Bureau of Economic Analysis, *Fixed Nonresidential Business and Residential Capital in the United States, 1925-75,* and unpublished data.

No. 1403. Estimates of the Housing Inventory and Change: 1970 to 1978

[Minus sign (–) denotes decrease. For explanation of percent change, see Guide to Tabular Presentation]

Tenure, race, and vacancy status	Total units, 1970		Total units, 1978		Percent average annual change, 1970–1978	New units constructed, 1970–1978 [1]		Units removed, 1973–1978 [2]	
	Number (1,000)	Percent	Number (1,000)	Percent		Number (1,000)	Percent	Number (1,000)	Percent
All housing units	**68,672**	**100.0**	**84,618**	**100.0**	**2.6**	**16,532**	**100.0**	**3,781**	**100.0**
All year-round units	67,699	98.6	82,833	97.9	2.6	16,357	98.9	3,746	99.1
Occupied units	63,445	92.4	77,167	91.2	2.5	15,192	91.9	3,084	81.6
Owner occupied [3]	39,886	58.1	50,283	59.4	2.9	10,576	64.0	1,280	33.9
White	37,005	53.9	46,076	54.5	2.8	9,870	59.7	1,141	30.2
Black	2,568	3.7	3,583	4.2	4.3	518	3.1	129	3.4
Renter occupied [3]	23,560	34.3	26,884	31.8	1.7	4,616	27.9	1,805	47.7
White	19,601	28.5	21,598	25.5	1.2	3,980	24.1	1,303	34.5
Black	3,607	5.3	4,597	5.4	3.1	534	3.2	467	12.4
Vacant year-round	4,254	6.2	5,667	6.7	3.7	1,165	7.0	662	17.5
For sale only	501	.7	624	.7	2.8	205	1.2	44	1.2
For rent	1,666	2.4	1,545	1.8	.9	321	1.9	212	5.6
Other vacant	2,087	3.0	3,498	4.1	6.7	638	3.9	406	10.7
Vacant or seasonal [4]	973	1.4	1,785	2.1	7.9	174	1.1	34	.9

[1] Apr. 1, 1970, to Oct. 31, 1978. [2] Removed between Oct. 1973 and Oct. 31, 1978, by demolition, disaster, or other means. [3] Includes races not shown separately. [4] Includes migratory.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-150-78, Annual Housing Survey: 1978, part A, *General Housing Characteristics for the United States and Regions.*

No. 1404. Housing Units—Summary of Characteristics: 1960 to 1978

[**In thousands, except as indicated.** Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census reports. For definition of SMSA, see text, Appendix II. For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation]

Characteristic	1960	1970				1978			
		Total	Inside SMSA's		Outside SMSA's	Total	Inside SMSA's		Outside SMSA's
			Total	In central cities			Total	In central cities	
All housing units	**58,326**	**68,672**	**46,289**	**22,608**	**22,383**	**84,618**	**56,384**	**25,213**	**28,235**
All year-round units	56,584	67,699	46,083	22,584	21,616	82,833	56,049	25,182	26,785
Occupied units	53,024	63,445	43,859	21,395	19,586	77,167	52,722	23,436	24,445
Owner occupied	32,797	39,886	26,090	10,300	13,796	50,283	32,390	11,630	17,892
Percent of all occupied	61.9	62.9	59.5	48.1	70.4	65.2	61.4	49.6	73.2
Renter occupied	20,227	23,560	17,769	11,095	5,790	26,884	20,332	11,806	6,552
Vacant year-round	3,560	4,254	2,224	1,189	2,030	5,667	3,326	1,746	2,340
For sale only	522	501	298	130	203	624	369	172	255
Homeowner vacancy rate	1.6	1.2	1.1	1.2	1.5	1.2	1.1	1.4	1.4
For rent	1,453	1,666	1,142	745	524	1,545	1,143	755	401
Rental vacancy rate	6.7	6.6	6.0	6.3	8.3	5.4	5.3	6.0	5.7
Other vacant	1,084	2,087	784	314	1,303	3,499	1,814	820	1,684
Vacant, seasonal and migratory	1,742	973	206	24	766	1,785	335	31	1,450
Urban	40,764	50,145	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rural	17,562	18,527	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cooperatives and condominiums:									
Owner occupied	(NA)	(NA)	(NA)	(NA)	(NA)	1,213	1,118	465	95
Cooperatives	(NA)	(NA)	(NA)	(NA)	(NA)	348	318	219	31
Condominiums	(NA)	(NA)	(NA)	(NA)	(NA)	865	800	245	65
Vacant for sale only	(NA)	(NA)	(NA)	(NA)	(NA)	51	41	17	10
Units in structure [1]—									
1-unit	43,758	46,791	29,033	11,430	17,758	55,523	34,366	12,395	21,157
Percent of total units	77.3	69.1	63.0	50.6	82.2	67.0	61.3	49.2	79.0
2–4 units	7,552	9,007	7,164	4,753	1,823	10,754	8,570	5,339	2,185
5 or more units	6,238	9,829	8,934	6,225	895	12,885	11,558	7,233	1,327
Mobile home or trailer	767	2,073	933	176	1,140	3,671	1,555	215	2,117
Year structure built: [2]									
April 1970 or later	(X)	(X)	(X)	(X)	(X)	16,357	10,559	3,228	5,798
1960–March 1970	(X)	16,956	11,849	4,172	5,106	17,497	12,264	4,406	5,233
1950–1959	16,046	14,499	10,708	4,304	3,791	13,845	10,093	3,926	3,753
1940–1949	8,640	8,786	6,147	14,108	2,639	8,007	5,484	2,712	2,523
1939 or earlier	33,632	27,458	17,378		10,080	27,127	17,649	10,910	9,478
Percent built prior to 1940	57.7	40.6	37.7	(NA)	46.6	32.7	31.5	43.3	35.4

See footnotes at end of table.

NO. 1404. HOUSING UNITS—SUMMARY OF CHARACTERISTICS: 1960 TO 1978—Continued

[In thousands, except as indicated. See headnote, p. 790]

CHARACTERISTIC	1960	1970				1978			
		Total	Inside SMSA's		Outside SMSA's	Total	Inside SMSA's		Outside SMSA's
			Total	In central cities			Total	In central cities	
Units with [1]—									
1-3 rooms	11,400	11,028	8,305	5,461	2,725	12,791	9,732	6,097	3,058
4 rooms	12,435	14,113	9,230	4,904	4,883	16,564	11,081	5,278	5,482
5 rooms	14,323	16,998	11,233	5,286	5,765	19,668	12,623	5,544	7,045
6 rooms	11,141	13,609	9,271	4,078	4,338	16,628	11,054	4,633	5,574
7 or more rooms	9,020	11,950	8,044	2,856	3,906	17,184	11,558	3,629	5,625
Median number of rooms	4.9	5.0	5.0	4.7	5.1	5.1	5.1	4.7	5.2
Persons per unit (median):									
Owner occupied	3.1	3.0	3.1	2.8	2.7	2.7	2.7	2.5	2.5
Renter occupied	2.6	2.3	2.2	2.1	2.6	2.0	2.0	1.9	2.1
Units lacking some or all plumbing facilities [1]	7,699	4,398	1,494	716	2,904	2,503	909	468	1,594
Percent	13.2	6.5	3.2	3.2	13.4	3.0	1.6	1.9	6.0
Percent of units with—									
Telephone [2]	78.5	87.0	89.1	86.5	82.2	91.0	92.2	89.3	88.6
Air conditioning [1]	12.4	36.7	39.7	38.2	30.0	53.5	55.1	51.0	50.2
Central system [1]	1.9	10.7	12.3	11.0	7.5	24.0	25.5	20.9	20.6
One or more automobiles [2]	78.4	82.5	81.4	71.6	85.0	[3] 84.0	[3] 83.0	[3] 73.4	[3] 86.1
Public sewer [1]	(NA)	70.2	82.1	96.2	47.9	73.4	84.7	97.5	49.7
Public or pvt company water [1]	(NA)	81.7	91.0	99.0	61.7	83.9	92.0	99.2	66.8
Basement [1]	54.0	50.9	55.5	58.3	41.1	[3] 47.4	[3] 51.5	[3] 55.0	[3] 38.9
Second home owner [2]	(NA)	4.6	4.5	4.2	4.7	[3] 4.1	4.1	[3] 3.3	[3] 4.1
Percent of units with [4]—									
Storm windows or other protective covering [5]	(NA)	(NA)	(NA)	(NA)	(NA)	[3] 59.1	[3] 57.7	[3] 51.2	[3] 61.4
Storm doors [5]	(NA)	(NA)	(NA)	(NA)	(NA)	[3] 61.3	[3] 60.3	[3] 56.3	[3] 62.9
Attic or roof insulation	(NA)	(NA)	(NA)	(NA)	(NA)	[3] 77.3	[3] 78.6	[3] 71.6	[3] 75.4

NA Not available. X Not applicable. [1] For 1960, all housing units, based on a complete count, but tabulated on a 20-percent sample basis. For 1970 and 1978, all year-round units. [2] Occupied housing units. [3] 1977 data. [4] Covers only occupied 1-family homes and mobile homes and trailers. [5] Some or all covered.

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1960*, vol. I, and *Current Housing Reports*, series H-150-78, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions*.

NO. 1405. HOUSING UNITS, BY GEOGRAPHIC REGIONS: 1960 TO 1978

[In thousands, except percent. See headnote, table 1404. For composition of regions, see fig. I, inside front cover]

YEAR AND LOCATION	TOTAL					PERCENT DISTRIBUTION				
	U.S.	North-east	North Central	South	West	U.S.	North-east	North Central	South	West
1960, total	**58,326**	**14,798**	**16,798**	**17,173**	**9,558**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Inside SMSA's	38,633	11,834	10,514	9,052	7,233	66.2	80.0	62.6	52.7	75.7
Central cities	20,440	6,005	5,695	5,208	3,531	35.0	40.6	33.9	30.3	36.9
Not in central cities	18,193	5,829	4,818	3,844	3,701	31.2	39.4	28.7	22.4	38.7
Outside SMSA's	19,693	2,964	6,284	8,121	2,325	33.8	20.0	37.4	47.3	24.3
1970, total	**68,672**	**16,642**	**18,971**	**21,030**	**12,029**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Inside SMSA's	46,289	13,036	12,206	11,651	9,395	67.4	78.3	64.3	55.4	78.1
Central cities	22,608	6,212	5,978	6,166	4,252	32.9	37.3	31.5	29.3	35.3
Not in central cities	23,681	6,824	6,228	5,486	5,143	34.5	41.0	32.8	26.1	42.8
Outside SMSA's	22,383	3,606	6,765	9,379	2,634	32.6	21.7	35.7	44.6	21.9
1975, total	**79,087**	**18,053**	**21,035**	**25,364**	**14,635**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Inside SMSA's	53,031	13,873	13,503	14,221	11,434	67.1	76.8	64.2	56.1	78.1
Central cities	24,245	6,226	6,107	6,975	4,937	30.7	34.5	29.0	27.5	33.7
Not in central cities	28,785	7,647	7,395	7,247	6,497	36.4	42.4	35.2	28.6	44.4
Outside SMSA's	26,057	4,180	7,532	11,143	3,201	32.9	23.2	35.8	43.9	21.9
1978, total	**84,618**	**18,772**	**22,028**	**27,601**	**16,218**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Inside SMSA's	56,384	14,300	14,063	15,364	12,657	66.6	76.2	63.8	55.7	78.0
Central cities	25,213	6,345	6,187	7,359	5,322	29.8	33.8	28.1	26.7	32.8
Not in central cities	31,171	7,954	7,876	8,006	7,335	36.8	42.4	35.8	29.0	45.2
Outside SMSA's	28,235	4,472	7,965	12,236	3,561	33.4	23.8	36.2	44.3	22.0

Source: U.S. Bureau of the Census, *Census of Housing, 1960*, vol. I; and *Current Housing Reports*, series H-150-78, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions*.

NO. 1406. YEAR-ROUND HOUSING UNITS—TENURE AND RACE, INSIDE AND OUTSIDE SMSA'S: 1960 TO 1978

[In thousands. See headnote, table 1404]

ITEM	Total	OWNER OCCUPIED			RENTER OCCUPIED			VACANT YEAR-ROUND	
		Total	Black	White and other	Total	Black	White and other	Total	For rent
1960, total	**56,551**	**32,795**	**1,811**	**30,984**	**20,226**	**2,979**	**17,246**	**3,531**	**1,592**
Lacking some or all plumbing	8,992	3,470	644	2,826	4,315	1,363	2,952	1,208	469
Inside SMSA's	37,939	21,311	1,186	20,125	14,556	2,182	12,374	2,072	1,088
In central cities	20,147	9,141	852	8,289	9,942	1,862	8,080	1,064	720
Outside central cities	17,792	12,170	334	11,836	4,614	320	4,295	1,008	368
Outside SMSA's	18,612	11,484	625	10,858	5,670	797	4,872	1,459	504
1970, total	**67,699**	**39,886**	**2,568**	**37,319**	**23,560**	**3,607**	**19,953**	**4,254**	**1,666**
Lacking some or all plumbing	4,672	1,809	386	1,423	1,963	656	1,308	900	236
Inside SMSA's	46,083	26,090	1,825	24,265	17,769	2,913	14,856	2,224	1,142
In central cities	22,584	10,300	1,335	8,965	11,095	2,498	8,597	1,189	745
Outside central cities	23,499	15,790	490	15,300	6,674	416	6,259	1,035	397
Outside SMSA's	21,616	13,796	742	13,054	5,790	693	5,097	2,030	524
1978, total	**82,833**	**50,283**	**3,583**	**46,700**	**26,884**	**4,597**	**22,287**	**5,667**	**1,545**
Lacking some or all plumbing	2,503	718	181	537	1,073	391	682	712	127
Inside SMSA's	56,049	32,390	2,547	29,843	20,332	3,829	16,503	3,326	1,143
In central cities	25,182	11,630	1,789	9,841	11,806	3,055	8,751	1,746	755
Outside central cities	30,867	20,760	757	20,003	8,526	775	7,751	1,580	388
Outside SMSA's	26,785	17,892	1,036	16,856	6,552	767	5,785	2,340	401

Source: U.S. Bureau of the Census, *Census of Housing, 1970*, vol. VI and *Current Housing Reports*, series H-150, Annual *Housing Survey: 1978, part A, General Housing Characteristics for the United States and Regions.*

NO. 1407. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1970

REGION AND STATE	All year-round units (1,000)	Occupied units (1,000)	PERCENT—			REGION AND STATE	All year-round units (1,000)	Occupied units (1,000)	PERCENT—		
			Owner occupied	With all plumbing [1]	With 1.01 or more persons per room [2]				Owner occupied	With all plumbing [1]	With 1.01 or more persons per room [2]
U.S	**67,657**	**63,450**	**62.9**	**94.0**	**7.0**	**S.A—Con**					
						Va	1,484	1,391	62.0	87.9	5.2
N.E	**3,844**	**3,645**	**60.9**	**96.0**	**5.8**	W. Va	592	547	68.9	83.7	5.6
Maine	337	303	70.1	87.7	5.7	N.C	1,618	1,510	65.4	85.6	6.5
N.H	247	225	68.2	94.6	6.0	S.C	805	734	66.1	82.6	7.1
Vt	149	132	69.1	94.1	5.7	Ga	1,466	1,369	61.1	87.7	7.3
Mass	1,836	1,760	57.5	96.7	5.8	Fla	2,489	2,285	68.6	95.1	7.9
R.I	306	292	57.9	97.2	5.8						
Conn	968	933	62.5	97.5	6.0	**E.S.C**	**4,169**	**3,868**	**66.7**	**83.0**	**6.9**
						Ky	1,060	984	66.9	81.1	6.5
M.A	**12,331**	**11,837**	**56.6**	**96.8**	**6.3**	Tenn	1,297	1,213	66.7	86.4	6.7
N.Y	6,152	5,914	47.3	97.2	7.3	Ala	1,115	1,034	66.7	84.3	6.7
N.J	2,303	2,218	60.9	97.7	5.9	Miss	697	637	66.3	77.3	7.9
Pa	3,876	3,705	68.8	95.6	5.1						
						W.S.C	**6,565**	**5,952**	**65.3**	**91.8**	**9.0**
E.N.C	**13,108**	**12,383**	**67.5**	**95.7**	**6.9**	Ark	673	615	66.7	83.2	6.8
Ohio	3,447	3,289	67.7	95.5	6.0	La	1,146	1,052	63.1	89.4	11.3
Ind	1,712	1,609	71.7	94.5	7.3	Okla	938	851	69.2	94.0	6.2
Ill	3,693	3,502	59.4	95.9	7.4	Tex	3,808	3,432	64.7	93.5	9.4
Mich	2,842	2,653	74.4	96.8	7.3						
Wis	1,414	1,329	69.1	94.5	6.7	**Mt**	**2,718**	**2,518**	**65.5**	**95.5**	**8.8**
						Mont	240	217	65.7	93.4	8.5
W.N.C	**5,559**	**5,154**	**69.3**	**93.5**	**6.4**	Idaho	238	219	70.1	96.2	8.6
Minn	1,219	1,154	71.5	93.5	6.8	Wyo	114	105	66.4	95.8	8.1
Iowa	955	896	71.7	93.9	5.4	Colo	742	691	63.4	96.4	6.4
Mo	1,664	1,521	67.2	92.3	7.0	N. Mex	322	289	66.4	91.1	11.3
N. Dak	200	182	68.4	89.9	7.9	Ariz	578	539	65.3	95.3	10.4
S. Dak	222	201	69.6	90.0	7.2	Utah	312	298	69.3	97.9	10.2
Nebr	512	474	66.4	95.6	5.9	Nev	172	160	58.5	97.3	8.4
Kans	787	727	69.1	95.8	5.6						
						Pac	**9,220**	**8,653**	**57.1**	**97.9**	**7.5**
S.A	**10,142**	**9,438**	**63.5**	**90.0**	**6.8**	Wash	1,204	1,106	66.8	97.4	5.2
Del	175	165	68.0	95.5	4.8	Oreg	735	692	66.1	97.0	5.3
Md	1,235	1,175	58.8	95.9	5.9	Calif	6,977	6,574	54.9	98.3	7.7
D.C	278	263	28.2	97.9	11.9	Alaska	88	79	50.3	86.2	12.2
						Hawaii	216	203	46.9	94.7	18.6

[1] Includes hot and cold piped water, as well as a flush toilet and bathtub or shower inside the structure for exclusive use of the people in the unit. [2] For units with all plumbing facilities.

Source: U.S. Bureau of the Census, *Census of Housing, 1970*, vol. I.

No. 1408. Occupied Housing Units—Tenure, and Population Per Occupied Unit, by Race of Household Head and by Residence: 1920 to 1978

[In thousands, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Tenure allocated for housing units which did not report. Minus sign (–) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series N 238-245]

Year, race, and residence	Occupied units [1]					Average annual percent change [2]		Population per occupied unit [4]
	Total	Owner occupied		Renter occupied		Total occupied units	Total population [3]	
		Number	Percent	Number	Percent			
TOTAL								
1920	24,352	11,114	45.6	13,238	54.4	1.9	1.4	4.3
1930	29,905	14,280	47.8	15,624	52.2	2.1	1.5	4.1
1940	34,855	15,196	43.6	19,659	56.4	1.5	.7	3.8
1950	42,826	23,560	55.0	19,266	45.0	2.1	1.4	3.5
1960	53,024	32,797	61.9	20,227	38.1	2.2	1.7	3.4
1970	63,445	39,886	62.9	23,560	37.1	1.8	1.2	3.2
1975	72,523	46,867	64.6	25,656	35.4	2.7	.9	(NA)
1976	74,005	47,904	64.7	26,101	35.3	2.0	.8	(NA)
1977	75,280	48,765	64.8	26,515	35.2	1.7	.8	(NA)
1978	77,167	50,283	65.2	26,884	34.8	2.5	.8	(NA)
RACE								
White:								
1920	21,826	10,511	48.2	11,315	51.8	(NA)	1.5	4.3
1930	26,983	13,544	50.2	13,439	49.8	2.1	1.5	4.1
1940	31,561	14,418	45.7	17,143	54.3	1.6	.7	3.7
1950	39,044	22,241	57.0	16,803	43.0	2.2	1.3	3.3
1960	47,880	30,823	64.4	17,057	35.6	2.1	1.6	3.2
1970	56,529	36,979	65.4	19,551	34.6	1.7	1.2	3.1
1975	63,860	43,072	67.4	20,788	32.6	2.5	.8	(NA)
1976	65,114	44,024	67.6	21,090	32.4	2.0	.6	(NA)
1977	66,111	44,762	67.7	21,349	32.3	1.5	.6	(NA)
1978	67,664	46,076	68.1	21,588	31.9	2.4	.7	(NA)
Black and other:								
1920	2,526	603	23.9	1,923	76.1	(NA)	.6	4.3
1930	2,922	737	25.2	2,185	74.8	1.5	1.4	4.3
1940	3,293	778	23.6	2,516	76.4	1.2	.7	4.1
1950	3,783	1,319	34.9	2,464	65.1	1.4	1.6	3.9
1960	5,144	1,974	38.4	3,171	61.6	3.1	2.4	3.9
1970	6,920	2,907	42.0	4,014	58.0	3.0	2.3	3.5
1975	8,663	3,795	43.8	4,868	56.2	4.6	2.1	(NA)
1976	8,891	3,880	43.6	5,011	56.4	2.6	2.0	(NA)
1977	9,169	4,003	43.7	5,166	56.3	3.1	1.9	(NA)
1978	9,503	4,207	44.3	5,296	55.7	3.6	2.0	(NA)
RESIDENCE								
Nonfarm:								
1920	17,600	7,189	40.8	10,411	59.2	2.2	(NA)	4.2
1930	23,300	10,721	46.0	12,579	54.0	2.8	2.3	4.0
1940	27,748	11,413	41.1	16,335	58.9	1.8	.9	3.7
1950	37,105	19,802	53.4	17,304	46.6	2.9	2.4	3.3
1960 [5]	49,458	30,164	61.0	19,294	39.1	2.9	2.5	3.3
1970 [5]	60,351	37,393	62.0	22,957	38.0	2.0	1.7	3.1
1975 [5]	69,880	44,714	64.0	25,166	36.0	3.0	(NA)	(NA)
1976 [5]	71,335	45,711	64.1	25,624	35.9	2.1	(NA)	(NA)
1977 [5]	72,661	46,602	64.1	26,060	35.9	1.9	(NA)	(NA)
Farm:								
1920 [6]	6,751	3,925	58.1	2,827	41.9	1.0	(NA)	4.7
1930	6,605	3,560	53.9	3,045	46.1	–.2	–.5	4.6
1940	7,107	3,783	53.2	3,324	46.8	.7	(Z)	4.3
1950	5,721	3,758	65.7	1,963	34.3	–2.1	–2.8	4.0
1960 [5]	3,566	2,633	73.8	933	26.2	–4.6	–3.8	3.8
1970 [5]	3,095	2,492	80.5	603	19.5	–1.4	–4.7	3.4
1975 [5]	2,644	2,154	81.5	490	18.5	–3.1	(NA)	(NA)
1976 [5]	2,670	2,193	82.1	477	17.9	1.0	(NA)	(NA)
1977 [5]	2,618	2,164	82.7	455	17.4	–2.0	(NA)	(NA)

NA Not available. Z Less than .05 percent. [1] Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960, 1970, 1975, 1976, 1977, and 1978. For 1920, includes the small number of quasi-families; for 1930, represents private families only. [2] For 1920, change from 1910. [3] Based on total resident population; see tables 1, 2, and 31. [4] From 1950 to 1970, population in occupied housing units was determined by dividing population in housing units by number of occupied housing units. Population data exclude persons in institutions and other group quarters (see table 79). [5] Not comparable with data for earlier censuses because of a basic change in definition of farm residence. For definitions used in 1960 and 1970, see text, p. 684. [6] Includes a small proportion of urban-farm families in addition to rural-farm.

Source: U.S. Bureau of the Census, *Census of Population and Housing: 1960* and *1970;* and *Current Housing Reports,* series H-150, Annual Housing Survey, part A, *General Characteristics for the United States and Regions.*

No. 1409. Occupied Housing Units—Percent of Home Ownership, by Race of Household Head, Inside and Outside SMSA's, by Region: 1960 to 1978

[See headnote, table 1404. For composition of regions, see fig. 1 inside front cover]

Year and region	Total		Inside SMSA's						Outside SMSA's	
			Total		In central cities		SMSA remainder			
	White	Black [1]	White	Black [1]	White	Black [1]	White	Black [1]	White	Black [1]
1960: United States	64.4	38.4	62.1	35.7	51.1	31.7	73.4	51.6	69.0	44.8
Northeast	58.1	27.0	55.5	26.4	37.5	22.3	72.6	46.7	70.0	42.0
North Central	69.1	35.8	67.3	34.2	56.0	31.4	79.2	56.5	72.0	54.3
South	66.4	41.6	65.9	39.7	60.5	35.9	72.3	51.3	67.1	43.6
West	62.5	44.6	61.6	42.5	55.0	38.4	67.7	54.0	65.5	54.6
1970: United States	65.4	41.6	62.3	38.5	51.3	34.8	71.1	54.1	72.1	51.7
Northeast	60.4	28.6	57.4	28.1	38.8	24.2	71.7	47.3	72.1	42.6
North Central	70.2	42.0	67.8	41.3	56.5	38.9	76.5	58.8	74.4	56.3
South	68.2	46.9	65.3	43.4	59.5	39.1	70.7	57.3	71.9	52.0
West	60.2	40.1	58.6	40.0	52.0	36.6	63.6	49.6	66.1	42.1
1978: United States	66.1	43.8	64.8	39.9	53.5	36.9	72.3	49.4	74.6	57.5
Northeast	63.4	30.0	60.4	28.8	41.9	25.0	72.1	44.6	73.5	48.0
North Central	72.5	45.8	71.1	44.9	60.2	42.6	77.8	56.2	74.9	58.3
South	71.1	49.2	66.7	43.6	58.3	40.1	72.9	52.4	76.7	58.5
West	62.6	38.6	60.9	38.8	53.5	38.9	65.8	38.6	68.9	35.9

[1] For 1960, represents Black and other races.

Source: U.S. Bureau of the Census, Census of Population and Housing: 1970, PHC(2), *General Demographic Trends for Metropolitan Areas, 1960 to 1970;* and *Current Housing Reports*, series H-150-78, Annual Housing Survey: 1978, part A.

No. 1410. Occupied Housing Units—Financial Summary: 1970 and 1978

[In thousands, except as indicated. See headnote, table 1404. For definition of median, see Guide to Tabular Presentation]

Characteristic	1970					1978				
	Total	Inside SMSA's			Outside SMSA's	Total	Inside SMSA's			Outside SMSA's
		Total	In central cities	Not in central cities			Total	In central cities	Not in central cities	
Occupied units, total	**63,445**	**43,859**	**21,395**	**22,464**	**19,586**	**77,167**	**52,722**	**23,436**	**29,286**	**24,445**
Median income:										
Owner occupied ($1,000)	9.7	11.0	10.1	11.6	7.5	16.8	18.6	16.5	19.8	14.0
Renter occupied ($1,000)	6.3	6.7	6.1	7.7	5.3	9.3	9.7	8.5	11.1	8.2
Specified owner occupied [1]	31,726	22,059	8,543	13,516	9,667	40,054	26,994	9,607	17,387	13,061
With value of—										
Less than $20,000	19,556	11,963	5,608	6,356	7,594	5,240	2,465	1,468	998	2,772
$20,000–$24,999	4,680	3,740	1,214	2,526	940	2,691	1,485	785	700	1,206
$25,000–$34,999	4,444	3,709	1,044	2,665	736	7,066	4,281	1,931	2,350	2,784
$35,000–$49,999	2,050	1,760	444	1,316	289	10,387	7,050	2,327	4,722	3,338
$50,000 and over	997	887	234	653	110	14,672	11,711	3,095	8,619	2,959
Median—										
Value ($1,000)	17.1	19.0	16.4	20.8	12.2	41.5	45.9	38.4	49.7	34.2
Real estate taxes [2]	(NA)	(NA)	(NA)	(NA)	(NA)	$450	$571	$450	$647	$244
Units monthly costs [3]—										
With mortgages	(NA)	(NA)	(NA)	(NA)	(NA)	$310	$327	$290	$347	$272
Owned clear	(NA)	(NA)	(NA)	(NA)	(NA)	$109	$121	$110	$129	$93
Specified renter occupied [4]	22,334	17,433	11,033	6,401	4,900	26,247	20,189	11,803	8,386	6,058
With gross rent of—										
Less than $80	5,466	3,499	2,619	879	1,968	1,760	1,155	890	265	605
$80–$99	3,701	2,879	2,099	779	822	1,029	616	446	170	413
$100–$119	3,332	2,739	1,845	894	592	3,999	2,714	1,961	753	1,285
$120–$149	3,772	3,283	1,967	1,316	485					
$150–$199	3,304	2,986	1,525	1,461	318	5,666	4,265	2,860	1,406	1,401
$200–$299	1,194	1,110	547	563	84	9,005	7,638	4,031	3,606	1,369
$300 and over	265	254	145	108	12	3,503	3,159	1,344	1,814	343
No cash rent	1,300	685	284	400	615	1,285	642	271	371	643
Median rent	$108	$114	$107	$130	$84	$200	$210	$193	$235	$163

NA Not available. [1] Includes only 1-family homes on less than 10 acres and no business on the property. [2] Taxes paid previous year. [3] Covers real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage. [4] Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, *Current Housing Reports*, H-150-78, Annual Housing Survey: 1978, part A, *General Housing Characteristics for the United States and Regions.*

No. 1411. Selected Characteristics of Occupied Units: 1960 to 1979

[Percent distribution. Annual averages]

Characteristic	Occupied, 1960 [1]			Occupied, 1970			Occupied, 1978			Occupied, 1979		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Rooms in unit:												
1-2 rooms	6	23	14	4	17	10	5	15	12	4	14	10
3-4 rooms	32		51	28		51	28		55	29		58
5 rooms	26	29	19	26	28	21	23	25	18	23	25	18
6 rooms	20	26	10	22	27	11	21	27	9	20	27	8
7 rooms or more	16	22	6	20	28	7	23	33	6	24	34	6
Units in structure:												
1 unit	76	94	48	74	94	38	72	94	32	73	95	32
2-4 units	13	6	25	14	6	29	14	6	29	11	5	25
5-9 units	11		9	4		11	4		12	5		13
10 units or more			18	8		22	10		27	11		30
With all plumbing facilities	84	89	77	95	97	91	97	99	96	98	99	97
Year structure built:												
1965 or later	(X)	(X)	(X)	12	13	9	28	31	24	30	32	27
1960-1964	(X)	(X)	(X)	12	13	10	8	9	7	9	10	7
1950-1959	27	34	16	19	24	12	19	21	14	18	20	15
1940-1949	15	16	13	14	14	13	11	10	12	10	11	9
1939 or earlier	58	50	71	43	36	56	34	29	43	33	27	42

X Not applicable. [1] As of April 1.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

No. 1412. Characteristics of Homeowners and Renters, by Income: 1978

[Income data refer to the 12 months prior to interviews, which were conducted between October and December]

Characteristic	Owner occupied units with income of—				Renter occupied units with income of—			
	Under $10,000	$10,000 to $14,999	$15,000 to $24,999	$25,000 and over	Under $10,000	$10,000 to $14,999	$15,000 to $24,999	$25,000 and over
Occupied units, total (1,000)	**13,340**	**8,754**	**14,980**	**13,209**	**14,372**	**5,748**	**4,990**	**1,774**
	PERCENT							
Male head, wife present, no relatives	44.6	70.4	82.9	90.4	22.6	43.9	63.0	71.6
Female head (2 or more persons)	13.9	11.8	7.1	3.1	25.7	15.6	8.4	6.1
One-person household	38.3	13.0	6.2	3.0	44.9	31.6	20.8	15.3
Household head 65 years and over	53.2	21.7	9.5	6.0	26.0	7.6	5.5	6.7
Own children under 18 years	19.6	41.6	53.3	54.0	30.1	36.2	38.0	37.5
Lacking some or all plumbing facilities	3.9	1.2	.4	.2	6.3	1.8	1.2	.5
With 1.01 persons or more per room	2.5	4.2	3.7	3.1	6.4	5.5	5.2	4.5
Built 1960 or later	30.5	41.0	46.4	53.7	32.1	40.5	45.0	52.5
With units inside SMSA's [1]	54.4	60.3	66.3	75.1	72.9	76.4	80.4	81.9
In central cities	23.7	23.3	22.9	22.7	47.1	41.7	39.8	36.9
Owned second home	[2] 2.9	[2] 3.5	[2] 4.8	[2] 8.8	[2] 1.4	[2] 2.4	[2] 3.5	[2] 9.7
With air-conditioning [3]	47.6	56.8	60.7	66.7	36.0	49.5	57.8	65.3

[1] For definition, see text, Appendix II. [2] 1977 data. [3] Covers room units and central systems.

No. 1413. Occupied Units—Selected Structural Deficiencies, by Residence: 1978

[Data based on respondent's opinion of his/her unit. See headnote, table 1404]

Item	U.S. total	Total in SMSA's	In central cities of SMSA's	Not in central cities of SMSA's	Outside SMSA's	North-east	North Central	South	West
Occupied units (1,000)	**77,167**	**52,722**	**23,436**	**29,286**	**24,445**	**16,952**	**20,171**	**25,094**	**14,950**
Percent of units with—									
Some or all wiring exposed	3.2	2.7	3.0	2.5	4.1	2.8	3.0	3.6	3.2
Signs of water leakage—									
In roof	6.1	5.6	6.3	5.1	7.2	5.8	5.5	7.1	5.8
In basement	11.0	10.5	9.1	11.7	12.0	18.4	18.0	4.8	3.6
Cracks or holes in walls	5.9	5.9	8.1	4.2	6.0	7.1	4.8	6.7	4.9
Broken plaster	3.7	3.8	5.5	2.4	3.6	5.2	3.5	3.6	2.4
Peeling paint	4.5	4.7	6.7	3.0	4.0	6.6	3.8	4.2	3.4
Holes in floor	1.9	1.7	2.4	1.2	2.2	2.1	1.1	2.7	1.3

Source of tables 1412 and 1413: U.S. Bureau of the Census, *Current Housing Reports*, series H-150-78, Annual Housing Survey: 1978, part B and part C.

NO. 1414. HEATING EQUIPMENT AND FUELS FOR OCCUPIED UNITS: 1950 TO 1978

[In thousands, except percent]

ITEM	1950	1960	1970	1975	1978	PERCENT DISTRIBUTION 1950	1960	1970	1975	1978
Occupied units, total	**42,826**	**53,024**	**63,445**	**72,523**	**77,167**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Warm air furnace	[1] 11,508	17,378	27,515	36,999	[2] 40,973	26.9	32.8	43.4	51.0	[2] 53.1
Steam or hot water	10,071	11,990	13,211	13,792	13,925	23.5	22.6	20.8	19.0	18.0
Floor, wall, or pipeless furnace	([1])	6,088	5,552	6,580	6,173	([1])	11.5	8.8	9.1	8.0
Built-in electric units	–	664	3,236	4,625	5,599	–	1.3	5.1	6.4	7.3
Room heaters with flue	[3] 15,399	[3] 11,183	7,209	4,747	4,477	36.0	21.1	11.4	6.5	5.8
Room heaters without flue	5,268	5,218	3,558	3,330	3,150	12.3	9.8	5.6	4.6	4.1
Fireplaces, stoves, or heaters [4]	([3])	([3])	2,766	1,982	2,274	([3])	([3])	4.4	2.7	2.9
None	581	503	398	468	597	1.4	.9	.6	.6	.8
House heating fuel:										
Utility gas	11,387	22,851	35,014	40,933	42,521	26.6	43.1	55.2	56.4	55.1
Fuel oil, kerosene, etc	9,686	17,158	16,473	16,299	16,071	22.6	32.4	26.0	22.5	20.8
Electricity	283	933	4,876	9,173	12,258	.7	1.8	7.7	12.6	15.9
Bottled, tank, or LP gas	787	2,686	3,807	4,146	4,130	1.8	5.1	6.0	5.7	5.4
Wood and other fuel	4,855	2,460	1,060	930	1,187	11.3	4.6	1.7	1.3	1.5
Coal or coke	14,828	6,456	1,821	573	402	34.6	12.2	2.9	.8	.5
None	999	478	395	468	597	2.3	.9	.6	.6	.8
Cooking fuel:										
Electricity	6,403	16,351	25,768	33,944	[5] 37,042	15.0	30.8	40.6	46.8	[5] 49.2
Utility gas	22,084	27,296	31,244	32,493	[5] 32,207	51.6	51.5	49.2	44.8	[5] 42.8
Bottled, tank, or LP gas	3,417	6,491	5,314	5,440	[5] 5,503	8.0	12.2	8.4	7.5	[5] 7.3
Other fuel	10,796	2,603	908	332	[5] 262	25.2	4.9	1.4	.5	[5] .3
None	124	280	213	315	[5] 266	.3	.5	.3	.4	[5] .4

– Represents zero. [1] "Floor, wall, or pipeless furnace" included in "Warm air furnace." [2] Includes heat pumps. [3] "Fireplaces, stoves, or portable heaters" included in "Room heaters with flue." [4] Portable heaters. [5] 1977 data.

Source: U.S. Bureau of the Census, Census of Housing, 1960, vol. I, No. 1; *Census of Housing, 1970,* vol. I; and *Current Housing Reports,* series H-150, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions.*

NO. 1415. SELECTED ELECTRICAL APPLIANCES—NUMBER AND PERCENT OF HOMES WITH APPLIANCES: 1960 TO 1979

[As of December 31. Percentages based on total number of homes wired for electricity. See also table 1490]

ITEM	HOMES WITH APPLIANCES (mil.) 1960	1965	1970	1975	1978	1979	PERCENT WITH APPLIANCES 1960	1965	1970	1975	1978	1979
Number of wired homes	51.7	57.6	64.0	72.7	77.8	79.4	(X)	(X)	(X)	(X)	(X)	(X)
Air-conditioners, room	7.8	13.9	26.0	39.4	43.1	44.1	15.1	24.2	40.6	52.8	55.4	55.5
Bed coverings	12.2	20.0	31.7	41.4	48.1	51.0	23.6	34.7	49.5	57.0	61.8	64.2
Blenders	4.2	7.5	23.4	32.9	39.9	41.6	8.0	13.0	36.5	45.2	51.2	52.4
Can openers	2.5	14.2	29.1	39.7	47.3	50.5	4.8	24.7	45.5	54.6	60.7	63.6
Coffeemakers	30.2	41.3	56.7	71.0	77.7	79.3	58.3	71.7	88.6	97.7	99.8	99.9
Dishwashers	3.7	7.8	17.0	27.9	32.6	34.2	7.1	13.5	26.5	38.3	41.9	43.0
Disposers, food waste	5.4	7.8	16.3	26.2	33.4	34.1	10.5	13.6	25.5	36.8	42.9	43.0
Dryers, clothes (incl. gas)	10.1	15.2	28.6	42.0	46.9	48.8	19.6	26.4	44.6	57.7	60.3	61.5
Freezers	12.1	15.7	20.0	31.6	34.9	35.5	23.4	27.2	31.2	43.5	44.9	44.7
Frypans	22.5	28.3	36.0	45.8	53.2	54.0	43.4	49.2	56.2	63.0	68.3	68.0
Hotplates and buffet ranges	12.5	13.1	15.7	19.1	20.4	20.7	24.2	22.7	24.5	26.2	26.3	26.0
Irons, total	45.7	57.1	63.8	72.6	77.1	79.3	88.4	99.1	99.7	99.9	99.9	99.9
Steam and steam/spray	30.6	43.5	56.5	70.7	76.7	79.2	59.2	75.5	88.2	97.2	99.0	99.8
Microwave ovens	(NA)	(NA)	(NA)	2.3	5.5	6.1	(NA)	(NA)	(NA)	3.2	7.1	7.6
Mixers, food	29.0	41.9	52.8	65.6	71.8	73.7	56.0	72.8	82.4	90.2	92.2	92.8
Radios	50.3	57.3	63.9	72.6	77.8	79.3	[1] 94.3	99.5	99.8	99.9	99.9	99.9
Ranges: Free-standing	16.0	18.5	25.9	35.8	39.5	39.7	30.9	32.1	40.5	49.2	50.8	50.0
Built-in	3.3	5.9	9.6	14.0	15.4	15.4	6.4	10.3	15.0	19.3	19.8	19.4
Refrigerators	50.8	57.3	68.9	72.6	77.6	79.2	98.2	99.5	99.8	99.9	99.7	99.8
Television: Black and white	46.2	55.9	63.2	72.6	77.8	79.3	89.4	97.1	98.7	99.9	99.9	99.9
Color	(NA)	5.5	27.2	54.1	66.3	71.3	(NA)	9.5	42.5	74.4	85.2	89.8
Toasters	37.2	48.1	59.3	71.7	77.8	79.3	72.0	83.6	92.6	98.6	99.9	99.9
Vacuum cleaners	38.4	48.1	58.9	72.1	77.7	79.3	74.3	83.5	92.0	99.2	99.9	99.9
Washers	28.6	83.1	89.8	50.8	58.5	61.4	55.4	57.4	62.1	69.9	75.2	77.3

NA Not available. X Not applicable. [1] Based on 53,300,000 homes in 1960, and 58,566,000 in 1965.

Source: Gralla Publications, Inc., New York, N.Y., *Merchandising,* annual statistical issues. (Copyright.)

No. 1416. Occupied Units—Selected Neighborhood Characteristics of Homeowners and Renters, 1975 and 1977, and Inside and Outside SMSA's, 1977

[In thousands of units, except percent. Data based on respondent's opinion of his/her neighborhood. See headnote, table 1404]

Characteristic	1975	1977							
		Owner occupied units					Renter occupied units			
		Total	Inside SMSA's			Outside SMSA's	Total	Inside SMSA's		Outside SMSA's
			Total	Total	Central cities			Total	Central cities	
Occupied units, total [1]	**72,523**	**75,280**	**48,765**	**31,286**	**11,346**	**17,479**	**26,515**	**20,028**	**11,805**	**6,487**
NEIGHBORHOOD CONDITIONS										
No undesirable conditions	16,609	17,992	12,144	7,606	2,665	4,537	5,848	4,159	2,275	1,690
Undesirable conditions [2]	55,634	57,119	36,537	23,622	8,658	12,916	20,582	15,802	9,490	4,781
Percent	76.7	75.9	74.9	75.5	76.3	73.9	77.6	78.9	80.4	73.7
Street noise	*25,069*	*23,715*	*14,276*	*9,503*	*3,795*	*4,773*	*9,439*	*7,404*	*4,557*	*2,035*
Heavy traffic	21,883	21,904	13,050	8,219	3,450	4,830	8,854	6,947	4,435	1,906
Inadequate street lighting	18,106	18,681	13,557	8,206	1,894	5,351	5,124	3,598	1,787	1,526
Commercial or industrial	12,366	15,490	7,313	4,867	2,267	2,445	8,177	6,544	4,190	1,633
Streets need repair	12,378	13,747	9,572	5,306	1,942	4,266	4,175	2,972	1,806	1,203
Crime	13,330	12,703	7,311	5,811	2,595	1,499	5,392	4,751	3,286	641
Airplane noise	11,864	12,670	8,342	6,682	2,603	1,660	4,328	3,761	2,148	567
Litter	*10,413*	*12,010*	*7,372*	*4,705*	*2,130*	*2,667*	*4,638*	*3,671*	*2,607*	*967*
Roads impassable	7,725	9,205	6,267	3,768	1,496	2,499	2,938	2,138	1,266	800
Rundown housing	6,864	7,641	4,523	3,058	1,389	1,465	3,118	2,409	1,739	709
Odors	6,412	6,454	4,109	2,780	1,148	1,328	2,345	1,868	1,185	477
Abandoned buildings	4,962	5,242	2,744	1,709	885	1,035	2,498	2,014	1,582	485
NEIGHBORHOOD SERVICES										
Adequate services	*36,649*	*33,910*	*20,026*	*14,674*	*5,354*	*5,352*	*13,884*	*11,394*	*7,069*	*2,490*
Inadequate services [2]	35,562	41,206	28,653	16,554	4,967	12,099	12,553	8,575	4,699	3,978
Percent	49.0	54.7	58.8	52.9	43.8	69.2	47.3	42.8	39.8	61.3
Public transportation	26,140	26,044	19,672	10,449	1,989	9,223	6,372	3,513	1,153	2,859
Hospitals or health clinics	8,570	10,995	7,738	4,187	1,105	3,551	3,257	2,118	1,067	1,139
Shopping	9,618	9,652	6,748	3,693	1,224	3,055	2,904	2,043	1,303	861
Police protection	6,117	6,863	4,531	2,535	993	1,996	2,352	1,754	1,221	598
Schools	2,592	3,324	2,317	1,481	553	835	1,007	736	459	272
Fire protection	*3,092*	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes respondents who did not report conditions or services. [2] Figures will not add to total because more than one condition or service may be reported for the same unit.

Source: U.S. Bureau of the Census, *Current Housing Reports,* series H-150, Annual Housing Survey, part B, *Indicators of Housing and Neighborhood Quality for the United States and Regions.*

No. 1417. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1970 to 1979

[In millions of dollars, except averages]

Year and type of expenditure	All properties	1-unit properties with owner occupant	Other properties	Additions and alterations			Major construction replacements	Maintenance and repairs
				Total	Residential	Other property		
1970: All properties [1]	**14,770**	**9,469**	**5,301**	**6,246**	**4,950**	**1,296**	**2,629**	**5,895**
Average per property	$297	$265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975: All properties [1]	**25,239**	**15,684**	**9,556**	**10,997**	**8,815**	**2,182**	**4,484**	**9,758**
Average per property	$459	$382	$685	$200	$160	$40	$82	$178
1978: All properties [1]	**37,461**	**24,189**	**13,272**	**16,458**	**12,156**	**4,302**	**8,094**	**12,909**
Average per property	$646	$562	$893	$284	$210	$74	$140	$222
Heating and air-conditioning [2]	*2,868*	*1,934*	*934*	*793*	*793*	(NA)	*1,332*	*743*
Plumbing	3,587	2,066	1,521	791	791	(NA)	1,292	1,504
Roofing	3,422	2,251	1,171	(NA)	(NA)	(NA)	2,376	1,046
Painting	4,783	2,636	2,147	(NA)	(NA)	(NA)	(NA)	4,783
1979: All properties [1]	**42,231**	**28,280**	**13,951**	**18,285**	**12,922**	**5,363**	**8,996**	**14,950**
Average per property	$712	$638	$954	$310	$219	$91	$153	$253
Heating and air-conditioning [2]	3,405	2,251	1,154	710	710	(NA)	1,845	850
Plumbing	*3,715*	2,055	1,660	673	673	(NA)	1,466	1,576
Roofing	3,976	2,536	1,440	(NA)	(NA)	(NA)	2,604	1,372
Painting	5,306	3,141	2,165	(NA)	(NA)	(NA)	(NA)	5,306

NA Not available. [1] Includes types of expenditures not separately specified. [2] Central air-conditioning.

Source: U.S. Bureau of the Census, *Construction Reports,* series C50.

No. 1418. Low Rent Public Housing—Families Moving In: 1974 to 1977

[For years ending Sept. 30. See headnote, table 1419. For definition of median, see Guide to Tabular Presentation]

Characteristic	All families [1]	White (non-minority)	Black	Spanish American	American Indian	Oriental	Percent elderly	Percent receiving aid [2]	Percent with no workers
Number moving in during—									
1974	163,235	73,824	69,764	16,216	1,197	539	32	67	63
1975	137,036	64,090	57,777	11,863	1,105	548	36	72	68
1976	74,175	29,758	32,849	9,941	739	416	34	74	70
1977	139,667	61,376	60,720	13,279	1,416	1,124	33	73	68
Median:									
Age of family head (yr.)	34	48	30	33	33	38	(X)	(X)	(X)
Annual income (dol.)	3,651	3,625	3,522	4,168	4,445	4,172	(X)	(X)	(X)
Monthly gross rent (dol.)	62	63	59	71	68	71	(X)	(X)	(X)
Average number of minors	1.49	1.07	1.78	1.98	2.07	1.94	(X)	(X)	(X)

X Not applicable. [1] Includes families not shown separately. [2] Includes families receiving benefits.

No. 1419. Low-Rent Public Housing Units, by Progress Stage: 1960 to 1979

[**In thousands.** As of **Dec. 31.** Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also *Historical Statistics, Colonial Times to 1970,* series N 186-191]

Year and program	Total	Occupied units [1]	Under construction	Other [2]	Year and program	Total	Occupied units [1]	Under construction	Other [2]
1960	593.3	478.2	36.4	78.8	**1978**	1,224.8	1,206.8	9.4	8.6
Elderly [3]	18.9	1.1	4.1	13.7	*Elderly* [3]	*309.0*	*304.7*	2.3	2.0
1965	735.7	604.9	42.4	88.4	New construction	1,065.7	1,052.1	7.8	5.8
Elderly [3]	97.7	36.2	21.6	40.0	*Conventional* [4]	*654.0*	*646.3*	5.0	2.7
1970	1,155.3	893.5	126.8	135.0	Turnkey [5]	211.7	205.8	2.8	3.1
Elderly [3]	249.4	143.4	65.7	40.3	Acquisition [6]	41.0	36.7	1.6	2.7
1972	1,260.2	1,055.0	105.9	99.3	Leased housing [7]	118.1	118.0	-	.1
Elderly [3]	316.7	232.0	49.1	35.6	New	45.2	45.1	-	.1
1973	1,323.6	1,109.1	96.7	117.8					
Elderly [3]	333.9	261.8	35.8	36.3	**1979**	1,332.9	1,252.0	22.8	58.1
1974	1,314.0	1,151.0	64.8	98.2	*Elderly* [3]	324.0	308.6	6.8	8.6
Elderly [3]	327.3	265.1	32.3	29.9	New construction	1,096.6	1,061.3	17.0	18.3
1975	1,316.7	1,180.4	52.9	83.4	*Conventional* [4]	863.6	851.2	5.6	6.8
Elderly [3]	336.3	288.3	24.3	23.7	Turnkey [5]	233.0	210.1	11.4	11.5
1976	1,305.4	1,181.5	63.4	60.5	Acquisition [6]	117.0	71.4	5.8	39.8
Elderly [3]	321.3	293.0	14.9	13.4	Leased housing [7]	119.3	119.3	-	-
1977	1,308.8	1,187.7	63.6	57.5	New	46.4	46.4	-	-
Elderly [3]	322.3	295.0	15.3	12.0					

- Represents zero. [1] Under management or available for occupancy. [2] To be constructed or to go directly "under management" because no rehabilitation needed. [3] Designed for persons 62 years old or over, disabled, or handicapped. [4] New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA. [5] New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement. [6] Existing housing acquired by the LHA. [7] Existing housing leased by LHA from an owner under a contract permitting LHA to sub-lease the units.

Source of tables 1418 and 1419: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook,* and unpublished data.

No. 1420. Vacant Housing Units—Percent, by Status: 1975 to 1979

[Annual averages. See headnote, table 1421. See also *Historical Statistics, Colonial Times to 1970,* series N 247-248]

Status	Total				Inside SMSA's				Outside SMSA's			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
All units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Occupied	91.3	91.6	91.7	91.6	92.8	93.2	93.2	93.1	88.1	88.3	88.6	88.6
Vacant, seasonal	2.1	2.0	2.0	2.0	.9	.8	.7	.7	4.6	4.5	4.7	4.6
Vacant, year-round	6.6	6.4	6.3	6.4	6.3	6.0	6.1	6.2	7.3	7.2	6.7	6.8
For rent	2.1	1.8	1.7	1.7	2.4	2.1	2.0	1.9	1.5	1.3	1.1	1.2
For sale only	.7	.7	.6	.7	.8	.6	.5	.6	.7	.9	.8	.8
Rented or sold [1]	.7	.8	.8	.8	.7	.9	.9	.9	.5	.6	.6	.6
Held off market	3.1	3.1	3.2	3.2	2.4	2.4	2.7	2.8	4.6	4.4	4.2	4.2
Occasional use	.8	.9	.8	.8	.5	.5	.6	.6	1.6	1.6	1.4	1.4

[1] Awaiting occupancy.

Source: U.S. Bureau of the Census, *Current Housing Reports,* series H-111.

No. 1421. Vacancy Rates for Housing Units—Characteristics: 1975 to 1979

[**In percent.** Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. For composition of regions, see fig. I, inside front cover. See headnote, table 1404 concerning SMSA's. See also *Historical Statistics, Colonial Times to 1970*, series N 249-258]

RENTAL UNITS	1975	1977	1978	1979	HOMEOWNER UNITS	1975	1977	1978	1979
Total rental units	6.0	5.2	5.0	5.0	**Total homeowner units**	1.2	1.2	1.0	1.1
Inside SMSA's	6.1	5.3	5.2	5.0	Inside SMSA's	1.3	1.0	1.0	1.1
Outside SMSA's	5.7	5.2	4.5	4.9	Outside SMSA's	1.1	1.4	1.2	1.1
Northeast	4.1	5.1	4.8	4.0	Northeast	1.0	.9	.8	.9
North Central	5.7	5.1	4.8	5.1	North Central	1.0	.9	1.0	1.1
South	7.7	5.7	5.5	5.8	South	1.5	1.7	1.3	1.1
West	6.2	5.0	4.8	4.9	West	1.5	.9	1.0	1.3
Units in structure: 1 unit	3.6	3.1	3.1	3.1	Units in structure: 1 unit	1.0	.9	.9	1.0
2 or more	7.3	6.4	6.1	5.9	2 or more	5.4	5.4	3.2	3.8
5 or more	8.3	7.1	6.7	6.6	5 or more	14.4	16.3	9.2	6.1
Units with: 3 rooms or less	8.4	7.7	6.9	7.0	*Units with: 3 rooms or less*	3.5	5.1	3.0	4.0
4 rooms	5.8	4.7	4.8	4.6	4 rooms	2.1	2.2	1.3	1.4
5 rooms	4.6	4.6	3.8	3.9	5 rooms	1.1	1.0	1.1	1.2
6 rooms or more	3.3	2.8	3.2	3.0	6 rooms or more	1.0	.9	.9	1.0
Monthly rent: Less than $60	5.5	4.4	4.0	3.9	Value: Less than $10,000	1.4	1.2	1.5	1.8
$60–$79	5.7	5.5	5.0	3.7	$10,000–$19,999	1.0	.9	.9	.9
$80–$99	4.6	5.3	5.0	4.5	$20,000–$24,999	.9	.6	.7	.8
$100 or more	6.7	5.4	5.2	5.1	$25,000 or more	1.4	.9	.9	1.0
Year built: 1960 or later	8.3	5.6	6.0	5.8	Year built: 1960 or later	2.2	1.6	1.2	1.4
1965 or later	9.0	5.8	6.2	6.0	1965 or later	2.7	2.0	1.4	1.6
1940–1959	4.8	4.2	3.5	4.1	1940–1959	.5	.7	.6	.6
1939 or earlier	5.4	5.7	5.5	5.0	1939 or earlier	1.1	1.2	1.3	1.4
Plumbing: With all facilities	5.9	5.0	4.8	4.7	Plumbing: With all facilities	1.3	1.1	1.0	1.1
Lacking facilities	11.2	12.4	12.0	12.9	Lacking facilities	2.0	3.4	2.9	4.6

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

No. 1422. New Apartments Completed and Rented in 3 Months: 1974 to 1979

[1979 data are preliminary. Structures with 5 or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	NUMBER (1,000)						PERCENT RENTED IN 3 MONTHS					
	1974	1975	1976	1977	1978	1979	1974	1975	1976	1977	1978	1979
Total	406	223	157	196	229	240	68	70	80	80	82	82
Rent: Under $150	33.6	14.7	6.8	6.4	3.6	2.6	83	79	84	85	89	93
$150–$174	81.7	34.7	14.4	14.5	13.1	6.3	75	77	82	75	82	96
$175–$199	101.6	47.6	35.0	30.4	25.2	15.1	70	74	82	84	81	85
$200–$249	111.4	63.8	56.9	72.5	71.6	66.1	65	73	80	83	84	84
$250 or more	77.4	62.1	43.9	71.8	115.2	149.9	56	58	79	77	80	80
Bedrooms: Less than 2	184.5	101.3	75.1	87.8	112.6	119.4	72	73	86	83	84	84
2	197.0	109.0	74.5	100.6	107.8	112.0	65	68	77	78	80	80
3 or more	24.2	12.7	7.4	7.3	8.3	8.6	57	63	59	77	77	86

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-130, and unpublished data.

No. 1423. Existing One-Family Houses Sold and Price, by Region: 1970 to 1979

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

REGION	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Houses sold, U.S	1,000	1,612	2,018	2,252	2,334	2,272	2,452	3,002	3,547	3,863	3,701
Northeast	1,000	251	311	361	367	354	377	458	480	494	504
North Central	1,000	501	583	630	674	645	685	843	1,110	1,132	1,050
South	1,000	568	735	788	847	839	899	1,110	1,254	1,495	1,427
West	1,000	292	389	473	446	434	491	591	703	741	720
Median sales price, U.S	$1,000	23.0	24.8	26.7	28.9	32.0	35.3	38.1	42.9	48.7	55.7
Northeast	$1,000	25.2	27.1	29.8	32.8	35.8	39.3	41.8	44.4	47.9	53.6
North Central	$1,000	20.1	22.1	23.9	25.3	27.7	30.1	32.9	36.7	42.2	47.8
South	$1,000	22.2	24.3	26.4	29.0	32.3	34.8	36.5	39.8	45.1	51.3
West	$1,000	24.3	26.5	28.4	31.0	34.8	39.6	46.1	57.3	66.7	77.4

Source: National Association of REALTORS®, Washington, D.C., *Existing Home Sales*, monthly. (Copyright.)

No. 1424. New Private One-Family Houses Sold, by Region, Type of Financing, and Sales Price: 1970 to 1979

[**In thousands.** Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see fig. I, inside front cover]

Year and sales price group	Number sold					Percent sold					Financing type	
	Total [1]	Northeast	North Central	South	West	Total [1]	Northeast	North Central	South	West	Conventional [2]	FHA and VA
1970	**485**	**61**	**100**	**203**	**121**	**100**	**100**	**100**	**100**	**100**	**202**	**232**
Under $35,000	394	38	77	178	100	81	62	77	88	83	127	224
Under $20,000	169	10	20	99	38	35	16	20	49	31	31	122
$20,000–$29,999	178	20	47	62	49	37	33	47	31	40	65	92
$30,000–$34,999	47	8	9	17	13	10	13	9	8	11	31	10
$35,000 and over	92	23	22	26	21	19	38	22	13	17	75	7
$35,000–$39,999	35	7	8	10	9	7	11	8	5	7	(NA)	(NA)
$40,000–$49,999	37	10	9	10	7	8	16	9	5	6	(NA)	(NA)
$50,000 and over	20	5	5	5	5	4	8	5	2	4	(NA)	(NA)
1975	**549**	**71**	**106**	**222**	**150**	**100**	**100**	**100**	**100**	**100**	**363**	**122**
Under $35,000	190	18	35	93	45	35	25	33	42	30	72	67
Under $30,000	110	9	17	60	24	20	13	16	27	16	29	37
$30,000–$34,999	80	9	18	33	21	15	13	17	15	14	42	30
$35,000 and over	359	52	72	128	106	65	73	68	58	71	291	54
$35,000–$39,999	98	10	20	40	28	18	14	19	18	19	67	28
$40,000–$49,999	127	18	25	47	37	23	25	24	21	25	101	22
$50,000–$59,999	65	12	13	20	20	12	17	12	9	13	59	[3] 3
$60,000 and over	69	12	14	21	21	13	17	13	9	14	64	(S)
1977	**819**	**86**	**162**	**317**	**255**	**100**	**100**	**100**	**100**	**100**	**592**	**166**
Under $35,000	130	13	18	72	28	16	15	11	23	11	51	50
$35,000 and over	689	73	143	244	228	84	85	88	77	89	542	117
$35,000–$39,999	102	8	17	50	27	12	9	10	16	11	61	36
$40,000–$49,999	200	19	40	84	57	24	22	25	26	22	140	51
$50,000–$59,999	149	18	34	50	47	18	21	21	16	18	123	19
$60,000–$74,999	123	16	31	35	40	15	19	19	11	16	109	9
$75,000 and over	115	12	21	25	57	14	14	13	8	22	108	[3] 2
1978	**817**	**78**	**145**	**331**	**262**	**100**	**100**	**100**	**100**	**100**	**575**	**173**
Under $35,000	65	5	8	42	11	8	6	5	13	4	21	20
$35,000 and over	751	73	138	289	251	92	94	95	87	96	554	153
$35,000–$39,999	76	8	10	38	21	9	10	7	11	8	37	31
$40,000–$49,999	175	14	28	84	48	21	18	20	25	18	107	56
$50,000–$59,999	156	14	29	66	47	19	18	20	20	18	110	39
$60,000–$74,999	157	18	34	54	52	19	23	23	16	20	128	22
$75,000–$99,999	119	13	25	33	48	15	17	17	10	18	109	5
$100,000 and over	69	6	11	15	37	8	8	8	4	14	64	(S)
1979	**709**	**67**	**112**	**304**	**225**	**100**	**100**	**100**	**100**	**100**	**469**	**186**
Under $35,000	33	(S)	3	27	2	5	(S)	3	9	1	9	9
$35,000 and over	675	66	109	277	222	95	98	97	91	99	460	177
$35,000–$39,999	41	4	5	23	9	6	6	4	7	4	15	20
$40,000–$49,999	110	11	18	55	28	16	16	16	18	13	55	48
$50,000–$59,999	135	12	22	64	37	19	17	19	21	17	76	50
$60,000–$74,999	158	16	28	64	50	22	24	25	21	22	109	43
$75,000–$99,999	132	16	20	45	50	19	23	18	15	22	112	14
$100,000 and over	100	8	17	26	48	14	13	15	9	22	92	2

NA Not available. *S* Estimate does not meet publication standards. [1] Includes types of financing not shown separately. [2] 1970 includes houses financed by Farmers Home Administration. [3] VA only.

No. 1425. Median Sales Price of New Private One-Family Houses Sold, by Region: 1965 to 1979

[**In dollars.** See headnote, table 1424. For definition of median, see Guide to Tabular Presentation]

Year	U.S.	Northeast	North Central	South	West	Year	U.S.	Northeast	North Central	South	West
1965	20,000	21,500	21,600	17,500	21,600	1973	32,500	37,100	32,900	30,900	32,400
1967	22,700	25,400	25,100	19,400	24,100	1974	35,900	40,100	36,100	34,500	35,800
1968	24,700	27,700	27,400	21,500	25,100	1975	39,300	44,000	39,600	37,300	40,600
1969	25,600	31,600	27,600	22,800	25,300	1976	44,200	47,300	44,800	40,500	47,200
1970	23,400	30,300	24,400	20,300	24,000	1977	48,800	51,600	51,500	44,100	53,500
1971	25,200	30,600	27,200	22,500	25,500	1978	55,700	58,100	59,200	50,300	61,300
1972	27,600	31,400	29,300	25,800	27,500	1979 [1]	62,900	65,500	63,900	57,300	68,600

[1] 1980, U.S. total: 1st qtr., $63,500, 2d qtr., $64,600.

Source of tables 1424 and 1425: U.S. Bureau of the Census, *Construction Reports*, series C25, *Characteristics of New Housing*, annual, and *New One-Family Houses Sold and For Sale*, monthly.

No. 1426. Price Index—New One-Family Houses Sold, by Region: 1965 to 1980

[1972 = 100. Based on fixed proportions of ten characteristics of new houses sold in 1974. For composition of regions, see fig. I, inside front cover]

YEAR	U.S.	North-east	North Central	South	West	YEAR AND QUARTER	U.S.	North-east	North Central	South	West
1965	71.2	62.2	70.6	71.1	75.9	1974	119.1	118.3	115.8	115.2	126.3
1966	74.2	66.8	74.7	74.3	78.2	1975	131.0	128.3	126.8	125.7	141.7
1967	76.4	69.1	77.7	75.8	79.4	1976	142.0	133.5	138.1	134.6	157.3
1968	80.3	75.8	82.4	79.0	81.7	1977	159.6	142.2	153.8	147.7	186.7
1969	86.5	82.7	90.5	84.5	88.9	1978	182.1	157.3	175.8	165.3	221.6
1970	89.1	88.2	90.7	87.5	90.3	1979	207.3	179.1	194.1	189.7	254.7
1971	93.9	93.8	94.1	94.2	93.3	1980, 1st qtr	220.5	(NA)	(NA)	(NA)	(NA)
1973	108.9	108.4	107.7	106.9	112.7	2d qtr	228.5	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Construction Reports*, series C27, quarterly.

No. 1427. Mortgage Status of Nonfarm Dwelling Units: 1940 to 1978

[**In millions, except percent.** Prior to 1960, excludes Alaska and Hawaii. For 1940 and 1950, mortgage data are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; for 1960, for properties with 1- to 4-dwelling units, and for 1971-1978, for properties with 1 housing unit. See also *Historical Statistics, Colonial Times to 1970*, series N 302-307]

ITEM	1940	1950	1960	1971	1974	1975	1976	1977	1978
Owner occupied units	11.4	19.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1
Reporting mortgage status	10.6	17.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1
Mortgaged	4.8	7.8	15.8	20.1	23.0	23.4	24.1	24.9	25.6
Percent	45.3	44.0	56.8	60.6	63.5	63.0	63.5	64.2	63.9
Not mortgaged	5.8	10.0	12.0	13.1	13.2	13.8	13.8	13.9	14.5

Source: U.S. Bureau of the Census, *Census of Housing: 1950*, vol. I; *1960* and *1970*, vol. V; and *Current Housing Reports*, series H-150, Annual Housing Survey, part C, *Financial Characteristics of the Housing Inventory for the United States and Regions*.

No. 1428. Volume of Long-Term Mortgage Loans Originated, by Type of Property, 1970 to 1979, and by Lender, 1979

[**In billions of dollars.** Covers credit extended in primary mortgage markets for financing real estate acquisitions]

TYPE OF PROPERTY	1970	1974	1975	1976	1977	1978	1979, BY LENDER					
							Total [1]	Savings and loan	Commercial banks	Mortgage cos.	Fed'l credit agencies	Mutual savings
Loans, total	**59.8**	**111.4**	**120.7**	**161.6**	**229.2**	**257.2**	**257.5**	**92.3**	**62.1**	**53.4**	**17.2**	**11.1**
1-4 unit family home	35.6	67.5	77.9	112.8	162.0	185.0	187.1	82.8	41.4	45.2	4.4	9.0
New units	12.6	24.1	24.6	32.2	46.4	58.0	60.7	28.1	11.6	16.3	1.9	1.6
Existing units	23.0	43.4	53.3	80.6	115.6	127.0	126.4	54.7	29.8	28.9	2.5	7.4
Multifamily residential	8.8	12.3	10.7	12.3	15.8	16.4	15.2	4.9	2.0	2.0	2.6	.9
New units	7.0	8.4	5.8	4.5	5.6	6.8	7.8	1.7	.7	1.0	2.4	.3
Existing units	1.8	3.9	4.9	7.8	10.2	9.6	7.4	3.2	1.3	1.0	.2	.6
Non-residential	12.5	24.0	24.2	27.1	39.1	42.7	40.4	4.5	16.5	6.1	.7	1.2
Farm properties	3.0	7.7	7.9	9.5	12.3	13.1	14.8	.1	2.2	-	9.4	-

- Represents zero. [1] Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Survey of Mortgage Lending Activity, 1970-1979*.

No. 1429. Residential Loans Underwritten by FHA: 1960 to 1979

[**In millions of dollars.** Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also *Historical Statistics, Colonial Times to 1970*, series N 291-297]

LOAN	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
FHA-insured loans	**6,293**	**8,689**	**11,982**	**7,592**	**5,903**	**7,941**	**9,746**	**13,000**	**16,098**	**22,848**
Home mortgages: New properties	2,197	1,705	2,667	1,675	752	1,149	1,087	1,664	1,881	3,409
Existing properties	2,403	5,760	5,447	2,798	3,182	5,017	5,275	7,177	9,259	14,758
Project type mortgages	711	591	3,251	2,286	1,213	976	2,315	2,818	3,270	2,719
Property improvement loans [1]	982	634	[2] 617	[2] 832	[2] 756	[2] 799	[2] 1,071	[2] 1,341	[2] 1,688	[2] 1,962

[1] Not *ordinarily* secured by mortgages. [2] Includes mobile home loans.

Source: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook*.

No. 1430. Characteristics of Conventional First Mortgage Loans for Purchase of Single-Family Homes: 1975 to 1980

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, mortgage companies, commercial banks, and mutual savings banks]

Loan characteristic	Unit	New homes						Existing homes					
		1975	1976	1977	1978	1979	1980, June	1975	1976	1977	1978	1979	1980, June
Contract interest rate	Percent	8.75	8.76	8.80	9.30	11.3	12.2	9.01	8.92	8.83	9.37	11.6	12.9
Initial fees, charges [1]	Percent	1.54	1.44	1.33	1.39	1.85	2.21	1.19	1.17	1.17	1.26	1.64	2.05
Term to maturity	Years	26.8	27.2	27.9	28.0	28.8	28.4	24.0	24.5	25.8	26.4	26.9	26.5
Loan to price ratio	Percent	76.1	75.8	76.3	75.3	72.9	58.0	73.4	73.8	75.1	75.1	73.6	71.8
Purchase price	$1,000	44.6	48.4	54.3	62.6	79.4	81.3	38.2	41.3	47.5	54.2	64.7	64.2

[1] Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

No. 1431. One-Family Homes, FHA-Insured Mortgages: 1974 to 1979

[Data for sec. 203(b) of National Housing Act only. For definition of median, see Guide to Tabular Presentation]

Characteristic	Unit	New homes						Existing homes					
		1974	1975	1976	1977	1978	1979	1974	1975	1976	1977	1978	1979
Avg. mo., occupant expenses:													
Real estate taxes	Dol	40	49	54	56	56	57	35	40	40	41	44	43
Maintenance and repair	Dol	19	22	24	24	23	29	16	20	21	22	24	28
Heating and utilities	Dol	36	42	46	54	61	68	36	43	48	53	60	68
Avg. purchase transactions:													
Total acquisition cost [1]	$1,000	27.4	33.0	35.3	37.2	41.5	50.3	22.2	26.9	27.4	29.2	34.0	39.4
Closing costs	Dol	584	672	706	701	772	856	538	606	614	660	761	846
Market price of site [2]	$1,000	5.5	6.4	7.0	7.3	7.7	9.8	4.5	5.5	5.6	5.8	6.9	8.1
Median value and cost:													
Amount of mortgage	$1,000	24.1	29.7	32.2	34.0	37.3	45.0	20.2	24.6	25.4	27.1	30.9	35.4
Estimated value	$1,000	26.8	32.5	35.2	37.2	41.1	50.4	22.0	26.2	26.8	28.9	33.0	38.4
Loan/value ratio	Percent	91.5	92.8	92.9	92.0	93.0	93.5	93.7	94.9	95.1	94.8	95.5	95.1
Income of occupant [3]	$1,000	13.9	17.1	18.2	18.8	20.4	24.3	13.2	15.5	15.9	16.6	18.3	21.2
Mo. mortgage payment	Dol	236	284	318	329	369	469	202	245	255	260	300	368
Term of mortgage	Years	30.0	30.0	30.0	29.9	29.9	29.9	29.0	29.3	29.4	29.4	29.5	29.5

[1] Sales price plus closing costs. [2] Includes street improvements or utilities, rough grading, terracing and retaining walls, if any, for site. [3] Annual.

Source: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook*.

No. 1432. Home Loans Guaranteed and Insured by VA: 1974 to 1979

[Based on complete count of primary loans closed for conventionally built homes. See also table 651]

Loan characteristics	New homes						Existing homes					
	1974	1975	1976	1977	1978	1979	1974	1975	1976	1977	1978	1979
Average loan ($1,000)	29.4	32.9	35.7	39.6	44.0	51.5	25.7	28.6	30.6	34.6	38.3	44.8
	Percent of home loans											
Loan amount:												
Less than $20,000	5.8	2.3	1.7	.9	.6	.3	28.4	21.2	16.7	10.7	7.6	4.2
$20,000–$24,999	21.1	9.9	5.8	2.8	1.3	.6	23.7	19.3	16.8	12.5	9.7	6.3
$25,000–$29,999	31.2	23.8	17.6	11.0	5.6	1.9	21.0	20.5	20.2	16.8	15.1	10.8
$30,000–$34,999	24.2	31.2	24.6	19.5	13.0	6.0	12.8	15.7	16.2	16.6	15.3	12.4
$35,000–$39,999	10.6	19.5	25.4	23.1	19.6	11.7	6.8	10.2	12.3	15.0	14.3	13.1
$40,000–$49,999	7.1	13.3	24.9	42.7	34.4	30.8	7.3	13.1	17.8	28.4	18.3	20.2
$50,000–$59,999					16.2	24.6					9.8	13.3
$60,000–$69,999					6.6	13.7					6.4	9.3
$70,000 and over					2.7	10.4					3.5	10.4
Mortgage maturity:												
Less than 25 years	.4	.3	.3	.3	.3	.3	3.0	2.9	2.7	2.1	1.7	1.4
25 years	.5	.5	.6	.5	.3	.2	6.7	6.1	5.8	4.5	4.0	2.9
26–29 years	5.6	4.9	2.9	1.8	3.9	2.6	3.2	1.2	.5	.5	1.4	.9
30 years	93.5	94.3	96.2	97.4	95.5	96.9	87.1	89.8	91.0	92.9	92.9	94.8
Downpayment status:												
With downpayment	39.0	42.9	27.6	44.5	46.3	47.4	26.3	26.5	24.3	26.4	26.2	28.0
With no downpayment	61.0	57.1	72.4	55.5	53.7	52.6	73.7	73.5	75.7	73.6	73.8	72.0

Source: U.S. Veterans Administration, unpublished data.



Section 29

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures;* and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as the Bureau of Labor Statistics; the Economics, Statistics, and Cooperatives Service of the Department of Agriculture; and the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, and the American Iron and Steel Institute, Washington, D.C.

Data on financial aspects of manufacturing industries are collected from time to time by the Bureau of Economic Analysis (BEA) and the Federal Trade Commission (FTC). Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. The FTC has made several comprehensive studies of individual industries. See also Section 18, Business Enterprise in this edition.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of companies. The most recent, 1976, annual survey is based on a sample of about 70,000 of an approximate total of 340,000 establishments. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In

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1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC)*, issued by the U.S. Office of Management and Budget (see text 392). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual*. It is important to note therefore that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the basis of government administrative records and industry averages. In the 1977 Census, data were based on administrative records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the more than 450 manufacturing industries as defined by the *SIC Manual* in 1972 and 1977, as compared to 400 industries in the 1967 census. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1977 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

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

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

No. 1433. National Income Originating in Manufacturing: 1947 to 1979

[**In billions of dollars, except percent.** Prior to 1963, excludes Alaska and Hawaii. For definition of national income, see text, p. 435. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 230, for single-year figures prior to minor revisions issued in 1976]

ITEM	1947	1954	1958	1963	1967	1970	1972	1974	1975	1976	1977	1978	1979
Total manufacturing	60	95	108	143	193	215	252	298	312	363	409	460	511
Percent of national income	30	31	29	30	29	27	26	26	25	26	26	26	26
Durable goods	32	55	62	86	119	127	154	179	186	215	248	284	312
Percent of total	53	58	58	60	61	59	61	60	59	59	61	62	61
Nondurable goods	28	40	46	57	75	88	98	119	126	148	162	176	200

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues and March 1980.

No. 1434. Manufactures—Summary: 1947 to 1977

[Prior to 1958, excludes Alaska and Hawaii. Census data, except as noted. For establishment coverage, see text, p. 804. See also *Historical Statistics, Colonial Times to 1970*, series P 1-12]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1975 [1]	1976 [1]	1977
Number of establishments [2]	1,000	[3] 241	[3] 287	303	312	311	321	(NA)	(NA)	360
With 20 or more employees	1,000	(NA)	[3] 90	95	102	107	114	(NA)	(NA)	119
All employees, [4] annual average [5]	Mil	[3] 14.3	16.1	16.0	17.0	19.3	19.0	18.3	18.8	19.6
Payroll, all employees	Bil. dol	[3] 40	66	78	100	132	174	210	233	264
Payroll per employee	$1,000	[3] 2.8	4.1	4.9	5.9	6.8	9.2	11.5	12.4	13.5
Production workers, annual average	Mil	11.9	12.4	11.7	12.2	14.0	13.5	12.6	13.1	13.7
Percent of all employees	Percent	83.2	77.0	73.1	71.8	72.5	71.1	68.9	69.7	69.9
Man-hours, production workers	Bil	24.3	24.3	22.7	24.5	27.8	26.7	24.1	25.4	26.7
Man-hours per worker	1,000	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.9	2.0
Wages, production workers	Bil. dol	30	45	50	62	81	106	121	138	157
Percent of payroll for all employees	Percent	75.0	68.2	64.1	62.0	61.4	60.9	57.6	59.2	59.5
Wages per worker	$1,000	2.5	3.6	4.3	5.1	5.8	7.8	9.6	10.5	11.5
Wages per worker man-hour	Dol	1.24	1.83	2.19	2.53	2.92	3.95	5.02	5.43	5.89
Value added by manufacture [6]	Bil. dol	74	117	142	192	262	354	442	511	585
Per production worker	$1,000	6.2	9.5	12.1	15.7	18.8	26.2	35.1	39.0	42.7
Per production worker man-hour	Dol	3.04	4.81	6.25	7.83	9.42	13.25	16.34	20.12	21.91
Per dollar of workers' wages	Dol	2.47	2.60	2.84	2.90	3.23	3.34	3.65	3.70	3.73
Cost of materials	Bil. dol	(NA)	(NA)	(NA)	230	299	407	597	681	782
Value of shipments [7]	Bil. dol	(NA)	(NA)	(NA)	421	557	757	1,039	1,186	1,359
Per production worker	$1,000	(NA)	(NA)	(NA)	34.4	39.9	55.9	82.5	90.5	99.9
End-of-year inventories	Bil. dol	26	40	49	60	84	108	158	170	188
Capital expenditures, new [8]	Bil. dol	6.0	8.2	9.5	11.4	21.5	24.1	37.3	40.7	47.5
Indexes:										
Employment	1967=100	74	83	83	88	100	98	95	97	101
Value added	1967=100	29	45	54	73	100	135	169	195	222
Shipments	1967=100	(NA)	(NA)	(NA)	76	100	136	187	213	242
Ratios:										
Value added to shipments	Ratio	(NA)	(NA)	(NA)	45.6	47.0	46.7	42.5	43.1	42.9
Inventories to shipments	Ratio	(NA)	(NA)	(NA)	14.2	15.0	14.2	15.2	14.3	13.8
Payroll to value added	Ratio	54.0	56.4	54.9	52.0	50.3	49.1	47.5	45.6	45.2
Gross book value of depreciable assets	Bil. dol	(NA)	(NA)	(NA)	158	218	301	369	395	439
Machinery and equipment	Bil. dol	(NA)	(NA)	(NA)	(NA)	157	218	271	292	(NA)
Assets per employee	$1,000	(NA)	(NA)	(NA)	9.3	11.3	16.4	20.2	21.0	22.4

NA Not available. [1] Estimated data based on *Annual Survey of Manufactures;* see text, p. 803. [2] Includes administrative and auxiliary units, except as noted. [3] Excludes administrative offices and auxiliary units. [4] Includes data for employees of manufacturing establishments engaged in distribution and construction work. [5] Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures. [6] Unadjusted for 1947; thereafter, adjusted. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [7] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [8] Beginning 1954, includes plants under construction and not yet in operation. See table 1442 for capital expenditures in establishments by employee size-class.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1947, 1954, 1958, 1963, 1967, 1972,* and *1977* final reports; and *Annual Survey of Manufactures.*

No. 1435. Finances of Manufacturing Corporations: 1960 to 1979

[**In billions of dollars.** See tables 966 and 967 for individual industry data]

ITEM	1960	1965	1967	1970	1972	1973	1974	1975	1976	1977	1978	1979
Net sales	346	492	575	709	850	1,017	1,061	1,065	1,203	1,328	1,496	1,741
Net operating profit	26	46	48	50	66	86	84	77	97	107	122	135
Net profit:												
Before Federal taxes [1]	28	47	48	48	63	81	97	80	105	115	133	154
After Federal and State taxes	15	28	29	29	36	48	59	49	65	70	81	99
Cash dividends	8	12	13	15	16	18	19	20	23	27	29	33
Retained earnings	7	16	16	14	20	30	39	29	42	44	52	66

[1] Beginning 1974, data include State as well as Federal taxes.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations,* fourth quarter reports.

No. 1436. Industrial Production Indexes, by Industry: 1950 to 1980

[1967 = 100. Based on 1967 *Standard Industrial Classification Manual* (see text, p. 804). See also *Historical Statistics, Colonial Times to 1970*, series P 13 and P 18-39]

MAJOR INDUSTRY GROUP	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–June
Industrial production	45	59	66	90	108	110	120	130	129	118	131	138	146	153	149
Manufacturing	45	58	65	90	106	108	119	130	129	116	130	138	147	154	148
Durable goods	44	59	63	89	102	102	114	127	126	109	122	130	140	146	139
Primary metals	70	83	72	102	107	100	112	127	123	96	110	111	120	121	106
Fabricated metal products	56	68	71	91	102	104	112	125	124	110	124	131	142	149	139
Electrical machinery	30	40	52	82	108	108	122	143	144	117	135	145	159	175	176
Nonelectrical machinery	38	51	57	85	104	100	116	134	140	125	135	144	154	164	164
Transportation equipment	42	68	65	95	90	98	108	118	109	97	111	122	133	135	118
Instruments	26	44	58	83	112	110	120	138	144	132	147	156	167	175	173
Stone, clay, glass products	57	70	79	98	106	111	121	134	133	118	136	146	157	164	151
Lumber and products	66	76	75	96	106	114	121	126	116	108	123	131	136	137	118
Furniture and fixtures	53	67	72	95	108	116	131	144	138	118	137	145	156	162	155
Miscellaneous	51	68	71	94	111	112	127	136	136	128	145	149	151	154	150
Nondurable goods	47	57	69	91	112	117	127	134	135	126	142	151	157	164	162
Textile mill products	60	65	69	93	112	117	133	143	133	122	135	134	138	145	140
Apparel products	64	73	82	97	101	105	109	117	114	108	126	134	134	134	132
Leather and products	84	91	90	98	90	87	88	83	78	77	77	74	74	72	72
Paper and products	46	57	68	92	115	120	129	137	135	116	133	138	145	151	151
Printing and publishing	49	60	71	88	107	107	113	118	118	113	123	128	132	137	136
Chemicals and products	26	40	56	88	120	126	144	155	159	147	171	186	197	212	208
Petroleum products	48	66	77	92	113	117	122	129	125	124	134	143	145	144	139
Rubber and plastics prod	29	41	52	86	132	148	172	184	195	167	200	232	254	272	258
Foods	58	66	79	92	109	113	117	121	124	123	133	139	143	148	149
Tobacco products	69	74	91	100	102	101	106	112	110	112	117	113	118	118	119
Mining	64	78	80	93	112	110	113	115	115	113	114	118	124	126	133
Utilities	27	44	63	89	125	131	139	145	144	146	152	157	161	166	169
Energy [1]	(NA)	59	70	89	117	120	125	128	126	126	129	133	135	138	139

NA Not available. [1] Production of energy is represented by output of primary energy, such as crude oil, natural gas, and coal mining, and by the conversion of primary energy to other energy forms for final consumption.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1437. Capacity Utilization Rates in Manufacturing: 1965 to 1979

[**In percent.** Annual figures are averages of quarterly data, except yearend 1965. Capacity represents maximum practical amount of output that can be produced with current stock of plant and equipment]

INDUSTRY	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
All manufacturers	86	85	81	80	83	86	83	77	81	83	84	82
Firms with assets of—												
$100 million and over	89	87	83	83	86	88	85	78	84	85	86	85
$10 million–$99.9 million	85	83	79	78	81	83	81	75	78	80	81	81
Under $10 million	80	77	73	73	77	79	77	72	76	78	78	76
Durable goods [1]	88	84	78	78	82	85	82	76	81	84	84	83
Electrical machinery	83	80	76	76	81	82	83	73	80	82	83	82
Machinery, except electrical	95	92	86	81	84	87	88	83	86	89	91	91
Transportation equipment [1]	89	84	75	81	85	87	78	76	82	86	85	80
Motor vehicles	96	90	81	92	97	100	83	83	93	99	95	84
Aircraft	79	77	68	65	69	69	71	65	65	68	70	76
Primary metals	(NA)	87	82	75	86	88	88	73	78	80	84	84
Stone, clay, and glass	84	80	76	80	83	83	79	70	77	79	80	80
Nondurable goods [1]	85	86	83	83	85	86	84	79	82	82	82	82
Food, including beverages	75	82	82	81	81	81	80	77	77	78	79	79
Textiles	93	84	82	84	89	90	81	78	85	86	85	83
Paper	95	93	88	88	90	94	91	79	87	86	88	91
Chemicals	86	84	82	81	84	88	85	74	80	78	80	83
Petroleum	95	98	95	94	94	97	89	89	93	92	90	88
Rubber	93	89	82	86	89	89	85	74	80	85	83	77

NA Not available. [1] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis. Quarterly data in *Survey of Current Business*, monthly.

NO. 1438. INDEX OF MANUFACTURING CAPACITY AND RELATION OF OUTPUT TO CAPACITY: 1950 TO 1980

[1967 output=100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)			YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950	54	83	89	80	1973	148	88	93	85
1955	67	87	92	84	1974	154	84	88	82
1960	82	80	80	81	1975	160	73	74	73
1965	100	90	91	89					
1967	115	87	86	88	1976	164	80	82	78
					1977	169	82	84	81
1968	122	87	88	87	1978	174	84	87	83
1969	129	86	89	85	1979	179	86	88	84
1970	134	79	83	77	1980: 1st qtr	183	83	85	83
1971	138	78	82	76	2nd qtr	185	78	76	79
1972	142	84	88	81	3d qtr, prel.	186	75	72	77

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, November 1976, and *Capacity Utilization in Manufacturing and Materials*, G.3., monthly. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, N.Y.)

NO. 1439. MANUFACTURES—SUMMARY, BY TYPE OF OPERATION: 1947 TO 1972

[A multiunit company operates establishments at more than one location. See text, p. 804]

ITEM	Unit	1947	1954	1958	1963	1967	1972
Multiunit companies: Establishments	1,000	35.2	31.8	41.9	45.9	51.7	70.2
Employees	Million	8.0	9.5	10.1	11.0	13.3	14.3
Production workers	Million	6.7	7.4	7.2	8.1	9.8	9.8
Payroll, all employees	Bil. dol.	22.8	40.6	51.8	68.2	93.8	138.8
Wages, production workers	Bil. dol.	17.8	29.0	33.5	44.7	60.9	81.9
Value added by manufacture	Bil. dol.	43.9	79.6	105.3	146.6	206.4	286.1
Capital expenditures, new	Bil. dol.	(NA)	6.5	7.5	8.9	18.6	20.0
Single unit companies: Establishments	1,000	205.6	255.0	256.3	260.8	[1] 254.0	[1] 250.5
Employees	Million	6.3	6.2	5.3	5.2	[1] 5.2	[1] 4.8
Payroll, all employees	Bil. dol.	16.9	22.3	21.9	25.1	[1] 30.2	[1] 35.4
Value added by manufacture	Bil. dol.	30.3	37.4	37.9	45.5	[1] 55.5	[1] 67.9

NA Not available. [1] Includes data obtained from Federal administrative records.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967*, vol. I, and special report, *Type of Organization*, MC72(SR)-3.

NO. 1440. MANUFACTURERS SHIPMENTS, INVENTORIES, AND ORDERS: 1960 TO 1979

[**In billions of dollars, except ratios.** See also *Historical Statistics, Colonial Times to 1970*, series P 74-92]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Shipments	**370.5**	**491.9**	**634.0**	**756.5**	**875.4**	**1,017.9**	**1,039.4**	**1,185.7**	**1,330.1**	**1,496.6**	**1,692.0**
Durable goods	190.6	266.7	338.6	408.5	476.4	531.0	524.1	608.4	696.1	798.1	887.8
Nondurable goods	179.9	225.3	295.4	348.0	399.0	486.8	515.3	577.4	634.0	698.5	804.2
Inventories (Dec. 31)	**53.6**	**68.0**	**101.3**	**108.0**	**124.4**	**157.8**	**158.2**	**170.4**	**180.1**	**198.0**	**227.7**
Durable goods	32.0	42.0	66.3	69.8	80.8	101.1	101.1	108.5	114.9	128.4	150.3
Nondurable goods	21.5	26.0	35.0	38.2	43.6	56.7	57.1	61.9	65.3	69.6	77.3
Ratio of inventories to sales [1]	**1.79**	**1.58**	**1.91**	**1.58**	**1.63**	**1.86**	**1.74**	**1.63**	**1.53**	**1.48**	**1.56**
Durable goods	2.13	1.78	2.35	1.90	2.01	2.33	2.24	2.00	1.88	1.77	2.04
Nondurable goods	1.44	1.34	1.40	1.21	1.20	1.37	1.24	1.22	1.16	1.13	1.06
New orders	**362.8**	**505.2**	**624.8**	**769.9**	**914.2**	**1,045.9**	**1,021.0**	**1,190.2**	**1,349.4**	**1,541.9**	**1,732.0**
Durable goods	183.6	279.3	329.0	420.7	514.2	560.9	503.5	612.6	714.7	841.7	926.6
Nondurable goods	179.2	225.9	295.8	349.2	400.0	485.0	517.5	577.6	634.7	700.1	805.4
Unfilled orders (Dec. 31)	**44.9**	**79.2**	**105.4**	**119.7**	**158.4**	**186.5**	**168.0**	**172.5**	**191.8**	**237.1**	**277.2**
Durable goods	42.4	75.4	100.9	113.5	151.3	181.1	160.5	164.7	183.3	227.0	265.8
Nondurable goods	2.5	3.8	4.6	6.2	7.2	5.3	7.6	7.9	8.5	10.2	11.4

[1] Seasonally adjusted.

Source: U.S. Bureau of the Census, *Manufacturers Shipments, Inventories & Orders, 1958-1977*, M31.7; *1967-1978*, M31.8; and *Current Industrial Reports*, M3-1(79)—1 thru 12.

No. 1441. Operating Manufacturing Establishments—Selected Data, by Legal Form of Organization: 1954 to 1977

[1954 excludes Alaska and Hawaii. For establishment coverage, see text, p. 804. See also *Historical Statistics, Colonial Times to 1970*, series P 205-211]

Form of organization and year	Establishments [1] (1,000)	All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new (mil. dol.)
		Total [2] (1,000)	Payroll (mil. dol.)	Total [2] (1,000)	Wages (mil. dol.)		
Corporate:							
1954	148.5	14,273	59,051	11,206	41,480	109,669	7,752
1963	176.2	15,245	89,356	11,426	59,064	184,100	10,791
1967 [4]	153.9	17,697	119,530	13,260	78,429	253,261	20,988
1972	233.2	18,545	171,143	13,118	103,254	347,086	23,620
1977	284.2	19,114	259,306	13,302	153,891	574,044	46,474
Noncorporate, total: [5]							
1954	138.4	1,372	3,912	1,166	3,111	7,363	449
1963	130.4	990	3,932	806	3,030	8,002	580
1967 [4]	33.2	530	2,709	433	2,008	5,636	370
1972	87.5	482	3,043	408	2,237	6,908	453
1977	75.7	476	4,707	389	3,273	11,052	1,210
Individual proprietorship:							
1954	88.2	593	1,527	507	1,237	2,735	176
1963	99.2	536	2,033	440	1,595	3,916	315
1967 [4]	24.9	243	1,187	210	933	2,361	141
1972	42.5	213	1,303	183	963	2,885	186
1977	52.3	202	1,840	174	1,322	3,961	300
Partnership:							
1954	47.9	703	2,108	602	1,684	4,054	216
1963	27.7	334	1,034	277	1,062	2,726	141
1967 [4]	6.7	193	971	157	730	1,895	114
1972	17.7	167	1,067	139	792	2,413	150
1977	18.3	123	1,213	100	829	2,681	206

[1] Beginning 1963, includes administrative offices and auxiliary units. [2] For method of calculation, see text, p. 803. [3] For definition, see footnote 6, table 1434. [4] Excludes establishments with fewer than 10 employees. [5] Includes forms of organization not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967* and *1977*, vol. I, and special report, *Type of Organization*, MC 77(SR)-3.

No. 1442. Manufactures—Summary, by Employee Size-Class: 1954 to 1977

Item and year	All establishments	Establishments with total employees—					Percent distribution				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20-99	100-249	250-999	1,000 and over
Establishments (1,000): [1]											
1954	287	196	64	16	9	2	68.4	22.3	5.5	3.1	.7
1963	307	207	70	18	10	2	67.6	22.9	5.7	3.2	.6
1967	306	199	74	20	11	2	65.0	24.2	6.5	3.6	.7
1972	313	203	76	21	12	2	64.9	24.3	6.7	3.8	.6
1977	351	237	78	22	12	2	67.5	22.3	6.1	3.4	.6
Employees (1,000): [1]											
1954	15,646	1,196	2,835	2,430	4,082	5,103	7.7	18.1	15.5	26.0	32.6
1963	16,235	1,175	3,072	2,727	4,312	4,951	7.3	18.9	16.8	26.5	30.5
1967	18,492	1,042	3,276	3,069	5,042	6,062	5.6	17.7	16.6	27.3	32.8
1972	18,032	1,114	3,356	3,232	5,155	5,175	6.2	18.6	17.9	28.6	28.7
1977	18,515	1,206	3,490	3,336	5,393	5,091	6.5	18.8	18.0	29.1	27.5
Payroll (mil. dol.): [1]											
1954	62,963	3,765	10,246	9,171	16,264	23,516	6.0	16.3	14.6	25.9	37.3
1963 [2]	93,289	5,502	15,191	13,926	23,740	34,772	6.0	16.3	15.0	25.5	37.3
1967	123,481	6,080	19,205	18,172	31,688	48,335	4.9	15.6	14.7	25.7	39.1
1972	160,414	8,645	25,787	25,348	43,348	57,286	5.4	16.1	15.8	27.0	35.7
1977	242,022	13,712	38,685	37,768	66,166	85,692	5.7	16.0	15.6	27.3	35.4
Value added by manufacture (mil. dol.): [3]											
1954	116,848	7,207	18,013	17,143	31,286	43,199	6.1	15.4	14.7	26.8	37.0
1963 [2]	192,102	11,310	30,073	28,826	51,054	71,056	5.9	15.6	15.0	26.5	36.9
1967	261,984	13,271	39,138	38,922	71,036	99,617	5.1	14.9	14.9	27.1	38.0
1972	353,973	19,127	54,870	56,467	99,923	123,586	5.4	15.5	16.0	28.2	34.9
1977 [2]	585,063	30,077	89,810	92,212	172,537	200,408	5.1	15.4	15.8	29.5	34.3
Value of shipments (mil. dol.): [4]											
1963 [2]	420,528	24,684	69,329	66,438	110,736	149,654	5.9	16.5	15.8	26.3	35.6
1967	557,398	27,461	87,481	87,367	150,770	204,319	4.9	15.7	15.7	27.0	36.7
1972	756,534	38,584	120,972	127,206	212,151	257,622	5.1	16.0	16.8	28.0	34.1
1977 [2]	1,358,359	29,922	211,417	220,453	404,627	456,586	2.2	15.6	16.2	29.8	33.6

[1] Excludes administrative offices and auxiliary units. [2] Individual size-class data do not add to total because they were derived from separate tabulations. [3] For definition, see footnote 6, table 1434. [4] See footnote 7, table 1434.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, Size of Establishments*, MC67(1)-2, and *Census of Manufactures, 1954, 1963, 1967, 1972*, and *1977, General Summary*, MC77(1)-1.

No. 1443. Manufacturing Employment and Value Added—Percent Distribution, by Geographic Divisions: 1950 to 1977

[For composition of divisions, see fig. I, inside front cover. For definition of "value added," see table 1434]

Geographic division	1950	1954	1958	1963	1965	1967	1970	1972	1975	1976	1977
EMPLOYMENT											
New England	9.8	9.0	8.7	8.4	8.2	8.1	7.6	7.2	7.1	7.1	7.1
Middle Atlantic	26.9	26.6	25.7	24.0	23.4	22.6	21.8	20.7	19.5	18.5	18.7
East North Central	30.0	28.6	26.6	26.4	27.2	26.7	26.0	25.9	25.5	25.4	25.3
West North Central	5.6	6.0	6.0	6.0	6.0	6.2	6.2	6.3	6.8	6.6	6.6
South Atlantic	11.1	11.0	11.8	12.5	12.7	12.9	13.6	14.4	14.3	14.4	14.3
East South Central	4.4	4.5	4.9	5.2	5.6	5.7	6.1	6.6	6.7	6.8	6.7
West South Central	4.0	4.5	5.0	5.1	5.3	5.6	6.1	6.5	7.0	7.4	7.3
Mountain	1.1	1.1	1.4	1.7	1.6	1.6	1.8	2.0	2.2	2.4	2.4
Pacific	7.0	8.8	10.0	10.6	10.0	10.6	10.3	10.4	10.9	11.5	11.5
VALUE ADDED											
New England	8.3	7.8	7.4	7.1	7.1	7.2	6.8	6.4	6.2	6.1	6.2
Middle Atlantic	26.2	26.0	24.6	22.7	22.5	21.9	21.4	19.9	18.5	17.6	17.7
East North Central	33.2	31.2	28.9	29.3	30.2	28.6	27.5	28.2	26.9	27.4	27.3
West North Central	5.7	6.1	6.3	6.1	6.2	6.4	6.9	6.7	7.0	7.0	6.8
South Atlantic	9.4	9.1	10.1	11.0	11.1	11.2	11.8	12.5	12.1	12.4	12.3
East South Central	3.8	4.0	4.5	4.8	5.1	5.2	5.7	6.0	6.1	6.2	6.1
West South Central	4.3	4.9	5.5	5.7	5.8	6.3	6.7	7.0	8.9	8.9	8.9
Mountain	1.2	1.2	1.6	1.8	1.6	1.7	1.9	2.1	2.4	2.3	2.4
Pacific	7.9	9.7	11.1	11.5	10.7	11.3	11.1	11.3	11.9	12.2	12.2

Source: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972, 1977: General Summary*, MC77(1)-1; and *Annual Survey of Manufactures.*

No. 1444. Capital in Manufacturing Establishments: 1960 to 1979

[**In billions of dollars.** Minus sign (−) denotes loss. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107-122, for single-year figures prior to minor revisions issued in 1976]

Item	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
In current dollars:										
Purchases	10.3	16.8	22.4	27.9	32.8	31.3	39.2	45.3	50.6	60.1
Equipment	7.4	12.5	16.5	21.7	25.0	23.4	32.0	37.6	39.7	45.7
Structures	2.9	4.3	5.9	6.2	7.7	7.9	7.2	7.7	10.9	14.4
Depreciation (straight-line) [1]	9.5	11.3	18.2	22.4	26.0	30.5	32.6	35.7	40.0	45.3
Equipment	7.0	8.3	13.3	16.3	18.8	22.5	24.6	27.4	30.5	34.8
Structures	2.5	3.0	4.8	6.1	7.2	8.0	8.0	8.4	9.3	10.6
Net investment [2]	.8	5.5	4.2	5.5	6.8	.8	6.6	9.6	10.6	14.8
Equipment	.4	4.2	3.2	5.4	6.2	.9	7.4	10.2	9.2	10.9
Structures	.4	1.3	1.1	.1	.5	−.1	−.8	−.7	1.6	3.8
Net value [3]	148.7	182.3	286.9	363.6	444.0	468.3	505.0	551.0	626.0	734.3
Equipment and structures	90.6	108.6	176.1	220.0	257.6	280.4	301.1	331.8	372.3	424.6
Equipment	51.4	62.6	101.1	123.5	147.4	165.3	184.2	207.4	232.6	264.5
Structures	39.2	46.0	75.0	96.5	110.2	115.1	116.9	124.4	139.6	160.1
Inventories (end of year)	58.1	73.7	110.8	143.6	186.4	187.9	203.9	219.2	253.7	309.7
In 1972 dollars:										
Purchases	15.0	22.6	24.2	26.9	28.8	23.5	28.1	30.7	31.8	34.9
Equipment	9.8	15.8	17.5	21.1	22.3	17.9	22.9	25.4	25.0	26.9
Structures	5.1	6.8	6.7	5.7	6.5	5.6	5.2	5.3	6.8	8.0
Depreciation	13.5	15.2	19.6	21.5	22.4	23.0	23.4	24.2	25.2	26.3
Equipment	9.2	10.5	14.1	15.9	16.7	17.3	17.7	18.5	19.4	20.4
Structures	4.3	4.7	5.4	5.6	5.6	5.7	5.7	5.7	5.8	5.9
Net investment	1.5	7.4	4.6	5.4	6.4	.5	4.7	6.5	6.6	8.6
Equipment	.6	5.3	3.4	5.2	5.6	.6	5.2	6.9	5.6	6.5
Structures	.8	2.1	1.3	.1	.9	−.1	−.5	−.4	1.0	2.1
Real net value [3]	207.1	237.4	303.6	318.9	330.2	326.4	333.6	344.3	356.2	372.1
Equipment and structures [4]	134.7	148.3	186.5	195.3	201.6	202.2	206.8	213.3	219.9	228.6
Equipment	68.5	78.2	105.0	113.9	119.4	120.0	125.2	132.0	137.6	144.1
Structures	66.2	70.1	81.5	81.4	82.2	82.2	81.7	81.2	82.3	84.4
Inventories (end of year)	72.4	89.1	117.1	123.6	128.6	124.2	126.8	131.0	136.3	143.5

[1] Estimates derived by using perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F. [2] Represents the difference between purchases and depreciation. [3] End of year. [4] Represents real net value of equipment and structures at preceding yearend plus net investment based on straight-line depreciation for year shown.

Source: U.S. Bureau of Economic Analysis, *Fixed Nonresidential Business and Residential Capital in the United States, 1925-1975; Survey of Current Business*, July issues; and unpublished data.

NO. 1445. MANUFACTURES SUMMARY,

[Sum of State totals may not add to U.S. total

	STATE	1967					1972				
		Establishments [1]		All employees [2]		Value added by manufacture [4] (mil. dol.)	Establishments [1]		All employees [2]		Value added by manufacture [4] (mil. dol.)
		Total	With 20 or more employees	Number [3] (1,000)	Payroll (mil. dol.)		Total	With 20 or more employees	Number [3]	Payroll (mil. dol.)	
1	U.S	311,140	110,256	19,323	132,209	261,984	320,701	114,195	19,027	174,187	353,973
2	N.E	24,286	9,164	1,562	10,190	18,972	23,731	8,718	1,362	11,905	22,501
3	Maine	2,385	615	111	577	1,070	2,075	590	100	696	1,376
4	N.H	1,481	566	95	513	932	1,434	566	90	669	1,279
5	Vt	925	281	43	259	515	860	274	37	311	576
6	Mass	10,963	4,471	714	4,646	8,715	10,770	4,153	619	5,486	10,678
7	R.I	2,703	922	122	700	1,351	2,756	904	118	888	1,764
8	Conn	5,829	2,309	478	3,494	6,390	5,836	2,231	399	3,860	6,828
9	M.A	76,422	29,002	4,360	30,527	57,262	71,808	26,983	3,933	37,120	70,330
10	N.Y	42,911	14,730	1,929	13,852	25,247	38,341	12,995	1,679	16,219	30,402
11	N.J	14,740	5,903	881	6,325	12,738	15,069	5,918	836	8,107	16,409
12	Pa	18,771	8,369	1,550	10,350	19,277	18,398	8,070	1,418	12,794	23,519
13	E.N.C	63,062	24,563	5,151	38,495	75,016	64,673	24,761	4,933	50,958	99,949
14	Ohio	15,428	6,285	1,397	10,523	20,435	16,390	6,487	1,346	13,810	27,171
15	Ind	6,920	2,917	710	5,023	10,308	7,354	3,049	704	6,882	14,112
16	Ill	18,536	7,477	1,397	10,014	20,017	18,617	7,345	1,306	12,800	25,847
17	Mich	14,340	5,157	1,134	9,357	17,242	14,467	5,019	1,076	12,745	23,376
18	Wis	7,838	2,727	512	3,578	7,014	7,845	2,861	501	4,722	9,443
19	W.N.C	20,623	6,893	1,206	8,165	16,773	21,467	7,393	1,202	10,923	23,585
20	Minn	5,409	1,778	300	2,107	4,080	5,698	1,930	302	2,889	5,524
21	Iowa	3,388	1,092	210	1,435	3,251	3,387	1,170	216	2,039	4,758
22	Mo	6,545	2,457	452	3,049	5,895	6,732	2,470	434	3,897	8,169
23	N. Dak	454	92	8	42	113	482	117	10	79	201
24	S. Dak	604	137	16	93	171	606	151	17	135	285
25	Nebr	1,672	525	77	476	1,150	1,723	598	85	704	1,733
26	Kans	2,551	812	144	965	2,112	2,839	957	137	1,181	2,915
27	S.A	37,961	13,138	2,502	14,014	29,313	41,534	14,981	2,739	20,638	44,349
28	Del	528	253	71	588	958	567	243	69	755	1,292
29	Md	3,401	1,463	288	1,956	3,781	3,579	1,437	256	2,386	4,707
30	D.C	593	155	23	179	333	564	135	19	220	389
31	Va	4,938	1,620	340	1,905	4,068	4,837	1,768	375	2,826	6,178
32	W. Va	1,844	563	124	832	2,170	1,734	607	121	1,098	2,647
33	N.C	8,266	3,379	643	3,066	6,607	8,632	3,794	744	4,929	11,015
34	S.C	3,465	1,251	304	1,502	3,030	3,719	1,441	345	2,345	4,966
35	Ga	6,976	2,268	423	2,231	4,684	7,627	2,663	467	3,330	7,370
36	Fla	7,950	2,186	285	1,755	3,683	10,275	2,893	343	2,750	5,787
37	E.S.C	15,746	5,528	1,092	5,909	13,718	16,525	6,246	1,249	9,211	21,234
38	Ky	2,994	1,135	225	1,352	3,636	3,167	1,259	259	2,160	5,682
39	Tenn	5,040	2,022	418	2,190	4,921	5,647	2,291	467	3,352	7,662
40	Ala	4,951	1,446	289	1,603	3,526	4,984	1,630	323	2,397	5,065
41	Miss	2,761	925	160	764	1,635	2,727	1,066	200	1,302	2,825
42	W.S.C	21,883	6,727	1,083	6,855	16,617	24,018	7,873	1,239	10,281	24,596
43	Ark	2,911	927	144	666	1,558	2,897	1,053	181	1,152	2,800
44	La	3,639	1,016	165	1,084	2,790	3,657	1,133	179	1,601	4,273
45	Okla	2,611	745	118	764	1,346	3,042	897	143	1,188	2,270
46	Tex	12,722	4,039	658	4,340	10,922	14,422	4,790	736	6,340	15,253
47	Mt	8,679	2,243	315	2,123	4,522	10,119	2,831	388	3,469	7,446
48	Mont	923	191	20	130	312	943	206	21	185	463
49	Idaho	1,131	303	37	220	503	1,190	350	43	340	821
50	Wyo	331	65	6	37	86	377	78	7	57	144
51	Colo	2,461	664	104	731	1,509	2,841	834	133	1,298	2,504
52	N. Mex	749	169	17	99	205	926	227	24	157	358
53	Ariz	1,630	424	77	543	995	2,037	597	94	855	1,880
54	Utah	1,124	353	47	315	778	1,358	430	57	486	1,069
55	Nev	330	74	7	50	134	447	109	10	92	208
56	Pac	42,433	12,972	2,050	15,911	29,675	46,826	14,400	1,982	19,682	39,968
57	Wash	5,014	1,375	271	2,119	3,764	5,345	1,463	226	2,308	4,721
58	Oreg	4,437	1,275	163	1,083	2,061	4,670	1,461	179	1,627	3,490
59	Calif	31,962	10,012	1,584	12,515	23,394	35,699	11,149	1,545	15,478	31,175
60	Alaska	323	95	8	56	130	342	91	8	77	171
61	Hawaii	697	215	25	140	326	770	236	25	191	410

X Not applicable. [1] Includes central administrative offices and auxiliary units. [2] Includes employment and payroll at administrative offices and auxiliary units. [3] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

BY STATES: 1967 TO 1977

because U.S. and State figures were independently derived]

1977								
Establishments [1]		All employees		Production workers [2]		Value added by manufacture [4] (mil. dol.)	Leading major industry groups ranked by value added by manufacture	
Total	With 20 or more employees	Number [3] (1,000)	Payroll (mil. dol.)	Number [3] (1,000)	Wages (mil. dol.)			
359,928	**118,699**	**19,597**	**264,013**	**13,691**	**157,156**	**585,096**	Mach. exc. electrical; trans. equip.; chemicals.	1
25,737	**8,881**	**1,390**	**17,602**	**943**	**9,623**	**35,587**	(X)	2
2,157	595	103	1,078	84	781	2,343	Paper; Leather; lumber.	3
1,825	623	95	1,029	72	645	2,175	Elec. equip.; mach. exc. elec.; paper.	4
1,030	298	42	498	29	270	1,050	Elec. equip.; mach. exc. elec.; fabricated metal.	5
11,133	4,054	613	7,819	408	4,199	16,349	Mach. exc. elec.; elec. equip.; instruments.	6
3,107	945	125	1,327	95	825	2,737	Misc. mfg.; fabricated metal; primary metal.	7
6,485	2,366	412	5,852	255	2,902	10,934	Fabricated metal; mach. exc. elec.; trans. equip.	8
71,009	**24,904**	**3,617**	**49,843**	**2,382**	**26,929**	**103,160**	(X)	9
36,578	11,425	1,510	20,876	958	10,419	44,290	Print. and publish.; instru'ts; mach. exc. elec.	10
15,696	5,775	778	10,924	490	5,562	22,853	Chemicals; food; elec. equip.	11
18,735	7,704	1,329	18,043	934	10,949	36,017	Primary metal; mach. exc. electrical; food.	12
69,237	**25,941**	**4,974**	**76,908**	**3,475**	**48,128**	**160,223**	(X)	13
17,354	6,728	1,331	20,356	924	12,908	43,055	Trans. equip.; mach. exc. elec.; primary metal.	14
8,061	3,229	706	10,439	522	7,047	22,718	Elec. equip.; trans. equip.; primary metal.	15
19,517	7,441	1,286	18,741	858	10,757	40,279	Mach. exc. elec.; food; elec. equip.	16
15,627	5,380	1,116	20,054	789	12,721	37,566	Trans. equip.; mach. exc. elec.; fab. metal.	17
8,678	3,163	535	7,318	381	4,697	16,606	Mach. exc. elec.; food; paper.	18
24,321	**7,804**	**1,297**	**17,389**	**891**	**10,331**	**40,666**	(X)	19
6,637	2,126	332	4,693	211	2,413	9,605	Mach. exc. elec.; food; elec. equip.	20
3,783	1,245	240	3,383	171	2,191	8,684	Mach. exc. elec.; food; chemicals.	21
7,354	2,429	433	5,704	299	3,405	13,042	Trans. equip.; food; chemicals.	22
571	145	14	162	9	97	473	Food; mach. exc. elec.; print. and publishing.	23
740	195	23	251	17	169	612	Food; mach. exc. electrical; lumber.	24
1,965	626	88	1,075	63	681	2,867	Food; mach. exc. elec.; elec. equip.	25
3,270	1,037	168	2,115	122	1,371	5,338	Trans. equip.; mach. exc. elec.; food.	26
47,692	**15,560**	**2,823**	**31,502**	**2,131**	**19,996**	**72,304**	(X)	27
619	231	67	1,141	32	410	1,596	Chemicals; food; petroleum.	28
3,937	1,351	244	3,420	163	1,976	7,116	Food; electronic equip; primary metal.	29
555	130	19	298	8	102	610	Print. and publishing; food; fabricated metal.	30
5,519	1,879	395	4,442	302	2,917	10,882	Chemicals; food; tobacco.	31
1,857	583	117	1,621	89	1,124	3,880	Chem.; prim. metal; stone, clay, glass prod.	32
9,954	4,005	765	7,519	611	5,086	18,231	Textiles; tobacco; chemicals.	33
4,229	1,560	374	3,805	300	2,640	8,186	Textiles; chemicals; mach. exc. elec.	34
8,623	2,906	485	5,125	376	3,404	12,549	Textiles; trans. equipment; food.	35
12,399	2,915	358	4,133	250	2,336	9,255	Food; elec. equip.; chemicals.	36
19,187	**6,797**	**1,328**	**14,506**	**1,036**	**9,959**	**36,234**	(X)	37
3,548	1,318	278	3,452	209	2,303	9,546	Mach. exc. elec.; chemicals, elec. equip.	38
6,487	2,477	490	5,219	376	3,481	12,663	Chemicals; food; mach. exc. elec.	39
5,663	1,855	341	3,773	273	2,698	8,406	Primary metals; paper; chemicals.	40
3,289	1,147	219	2,062	178	1,477	5,619	Trans. equip.; lumber; elec. equip.	41
29,796	**9,048**	**1,442**	**18,319**	**1,017**	**10,990**	**52,043**	(X)	42
3,595	1,101	197	1,932	161	1,401	4,882	Food; electronic equip.; paper.	43
4,276	1,236	195	2,683	145	1,799	9,418	Chemicals; petroleum; food.	44
3,818	1,067	164	2,051	110	1,164	4,662	Mach. exc. elec.; fabricated metal; petroleum.	45
18,107	5,644	886	11,653	601	6,626	33,150	Chemicals, petroleum; mach. exc. electrical	46
13,808	**3,220**	**461**	**5,991**	**312**	**3,483**	**13,620**	(X)	47
1,169	203	24	317	19	240	847	Lumber; food; petroleum.	48
1,495	379	52	625	40	432	1,430	Lumber; food; chemicals.	49
505	102	9	111	6	74	381	Petroleum; chemicals; stone, glass, clay.	50
3,948	961	153	2,125	98	1,143	4,472	Food; instruments; mach. exc. elec.	51
1,323	258	29	297	21	184	734	Food; electronic equip.; stone, clay, glass.	52
2,892	677	111	1,463	70	781	3,333	Mach. exc. elec.; elec. equip.; trans. equip.	53
1,748	494	70	867	49	522	1,974	Mach. exc. electrical; food; trans. equip.	54
729	147	15	192	10	113	495	Food; stone, clay, glass; elec. equip.	55
59,106	**16,534**	**2,255**	**31,929**	**1,505**	**17,720**	**71,245**	(X)	56
6,723	1,712	265	4,054	181	2,385	8,955	Trans. equipment; lumber; food.	57
5,716	1,580	202	2,760	155	1,902	6,138	Lumber; food; paper.	58
45,289	12,883	1,752	24,672	1,143	13,151	54,862	Trans. equip.; elec. equip.; food.	59
429	128	11	166	9	123	504	Food; lumber; printing and publishing.	60
949	231	25	277	17	161	786	Food; petroleum; print. and publishing.	61

[4] For definition, see footnote 6, table 1434.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967 and 1972, General Summary,* MC 67(1)-1 and MC 72(1)-1; and *Census of Manufactures, 1977,* vol. III, Area Statistics.

No. 1446. Large Manufacturing Companies—Adequacy of Capital Facilities to Meet Current Demand: 1965 to 1979

[**Percent distribution.** As of July. Number of companies weighted by company assets. Based on replies to the question: *In view of the current rate of order bookings and customer inquiries, are your plant-and-equipment facilities now* Inadequate, Sufficient, *or* More *than adequate? as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets*]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1965	31	67	2	1973	45	53	2
1966	47	51	2	1974	57	40	3
1967	33	62	5	1975	19	43	38
1968	26	72	2	1976	18	65	17
1969	37	59	4	1977	20	66	14
1970	28	60	12	1978	20	62	18
1971	18	59	23	1979	20	69	11
1972	16	71	13				

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing.* (Copyright.)

No. 1447. Large Manufacturing Companies—Capital Appropriations and Expenditures, by Industry: 1970 to 1978

[**In millions of dollars, except percent.** Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations.* This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. **Appropriations:** Authorizations by management to spend funds for new plant and equipment; **Expenditures:** Cost of new plant and equipment]

YEAR AND ITEM	Total	Food and beverages	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
1970: Appropriations	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
Expenditures	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
Percent of appropriations	103.9	100.7	101.2	103.5	97.5	113.8	93.2	99.8	132.4	110.1
1973: Appropriations	42,909	3,005	1,870	5,700	7,886	1,945	3,149	4,280	3,945	11,129
Expenditures	28,510	1,958	1,206	3,673	4,787	1,358	2,485	3,428	2,123	7,492
Percent of appropriations	66.4	65.2	64.5	64.4	60.7	69.8	78.9	80.1	53.8	67.3
1974: Appropriations	53,707	3,014	3,041	7,625	12,865	5,128	2,730	5,849	1,697	11,758
Expenditures	39,985	2,560	1,802	5,834	7,410	2,077	2,798	4,605	2,515	10,384
Percent of appropriations	74.5	84.9	59.3	76.5	57.6	40.5	102.5	78.7	148.2	88.3
1975: Appropriations	45,034	3,573	1,902	7,466	13,986	3,102	1,978	3,748	1,015	8,264
Expenditures	45,557	3,081	1,905	7,172	11,907	3,552	2,227	4,014	1,808	9,691
Percent of appropriations	101.2	86.2	100.2	96.1	85.1	114.5	112.6	107.1	178.1	119.7
1976: Appropriations	50,034	3,634	1,585	7,906	11,231	2,897	2,853	5,001	3,517	11,210
Expenditures	47,055	3,666	2,073	7,486	12,551	3,552	2,445	4,442	1,701	9,139
Percent of appropriations	94.0	95.6	130.8	94.7	111.8	122.6	85.7	88.8	48.4	81.5
1977: Appropriations	63,420	4,966	2,648	7,854	17,527	2,516	3,189	5,105	5,268	14,347
Expenditures	52,498	3,882	1,825	7,545	14,350	3,048	3,064	4,747	3,321	10,716
Percent of appropriations	82.8	78.2	68.9	96.1	81.9	121.1	96.1	93.0	63.0	74.7
1978: Appropriations	67,156	4,898	2,795	7,759	15,142	3,083	4,421	6,306	6,981	15,771
Expenditures	58,356	4,217	2,140	7,797	14,495	2,671	3,668	5,445	4,508	13,415
Percent of appropriations	86.9	86.1	76.6	100.5	95.7	86.6	83.0	86.3	64.6	85.1

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Appropriations.* (Copyright.)

No. 1448. Exports and Export-Related Employment of Manufacturing Establishments: 1960 to 1976

[*Includes only direct exports and products shipped to exporters or others for export. Excludes output of the supplying establishments that furnish parts or materials to the manufacturer producing the product exported. Therefore, estimates tend to understate the importance of the export trade for the domestic economy when compared to the total value of shipments of all manufacturers*]

ITEM	Unit	1960	1963	1966	1969	1971	1972	1976
Value of shipments, total	Bil. dol.	(NA)	420.5	538.7	642.6	671.0	756.5	1,185.7
For export	Bil. dol.	14.5	16.5	21.3	29.2	33.1	36.7	83.1
Percent of total	Percent	(NA)	3.9	4.0	4.5	4.9	4.8	7.0
Manufacturing employment, total [1]	1,000	16,763	16,958	19,024	20,036	18,363	19,027	18,753
Export related	1,000	(NA)	(NA)	(NA)	779	746	770	1,173
Percent of total	Percent	(NA)	(NA)	(NA)	3.9	4.1	4.0	6.3

NA Not available. [1] Includes employees of central administrative and auxiliary offices.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures. 1976,* M76(AS)-8.

NO. 1449. EXPORTS SHIPMENTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY STATES: 1976

[See headnote, table 1448 and footnote 1 of same table concerning employment figures]

STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT [1] (1,000)		STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT [1] (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
U.S	**1,185,733**	**83,098**	**18,753**	**1,173**	Mo	27,469	1,622	424	23
					Mont	2,525	44	22	(Z)
Ala	17,988	832	330	13	Nebr	8,773	309	88	4
Alaska	992	233	8	2	Nev	725	27	14	(Z)
Ariz	6,233	639	99	12	N.H	3,495	291	88	7
Ark	10,605	651	188	7	N.J	45,711	2,660	736	35
Calif	102,041	8,072	1,600	124					
Colo	9,536	616	143	9	N. Mex	1,534	69	30	1
					N.Y	76,087	5,320	1,455	84
Conn	18,229	1,958	405	37	N.C	35,819	2,202	739	32
Del	5,043	188	66	2	N. Dak	1,236	85	14	1
D.C	932	7	18	(Z)	Ohio	83,600	5,794	1,283	84
Fla	18,091	1,363	331	20	Okla	10,126	579	150	9
Ga	28,391	1,364	469	21					
Hawaii	1,855	183	24	3	Oreg	12,299	824	188	13
					Pa	71,919	4,706	1,310	82
Idaho	3,448	169	53	2	R.I	4,533	269	115	6
Ill	82,351	6,660	1,256	87	S.C	16,610	935	371	16
Ind	45,181	2,828	677	40	S. Dak	1,609	68	22	1
Iowa	20,772	1,500	231	20	Tenn	24,756	1,253	479	19
Kans	14,658	635	168	10					
Ky	20,269	1,137	277	12	Tex	77,120	5,201	825	59
					Utah	4,641	224	71	4
La	25,225	1,383	190	9	Vt	2,056	200	41	4
Maine	4,423	255	99	4	Va	20,471	1,545	375	21
Md	14,762	641	243	11	Wash	18,843	3,235	244	30
Mass	26,918	2,502	591	48	W. Va	7,938	447	120	5
Mich	80,327	6,888	1,050	74	Wis	35,427	2,209	520	32
Minn	20,440	1,567	321	23	Wyo	833	10	7	(S)
Miss	10,868	698	210	10					

S Withheld, estimate did not meet publication standards. Z Fewer than 500. [1] Total State data do not add to U.S. totals because figures were independently derived.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, 1976*, M76(AS)-8.1.

NO. 1450. U.S. SHARE OF WORLD EXPORTS OF MANUFACTURES: 1960 TO 1979

[World exports=exports from 15 major trading countries: U.S., Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and U.K. Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Incorporated in the calculations are the changing relationships between each supplier's currency and the currencies of its trading partners. For this purpose, export-weighted exchange rate indices are calculated for each supplier, using official rates of exchange in 67 principal markets]

YEAR	U.S. MANUFACTURES EXPORTS		EXPORT	U.S. MANUFACTURES EXPORTS			
				Total [1] (bil. dol.)		Percent of world	
	Total [1] (bil. dol.)	Percent of world		1978	1979	1978	1979
			Total	**94.5**	**116.7**	**17.0**	**17.4**
1960	12.7	25.3	Nonelectrical machinery	27.4	33.2	23.0	23.9
1965	17.3	22.5	Transport equipment	22.2	25.8	22.4	22.7
1970	29.4	21.1	Chemicals	12.6	17.3	17.3	17.9
1975	71.0	19.1	Electrical machinery	9.7	11.6	17.8	18.5
1976	77.2	18.8	Basic manufactures [2]	12.5	16.2	8.7	9.2
1977	80.2	17.3	Misc. articles [3]	10.2	12.6	15.0	15.1

[1] Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. [2] Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. [3] Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, *Business America*, biweekly.

NO. 1451. MANUFACTURES SUMMARY

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
(x)	**All manufacturing establishments, incl. central administrative offices**	311,140	19,323	132,208	261,984	320,701	19,027	174,187	353,973
20	**Food and kindred products**	[5] 32,518	1,650	10,077	26,621	28,183	1,569	12,920	35,615
201	Meat products	4,914	310	1,954	3,551	4,437	308	2,544	4,961
202	Dairy products	6,188	232	1,449	3,466	4,590	189	1,596	4,054
203	Preserved fruits and vegetables	3,528	223	1,094	[5] 3,238	2,557	233	1,534	4,514
204	Grain mill products	3,202	112	758	2,882	3,080	111	1,013	3,699
205	Bakery products	4,300	264	1,665	3,495	3,633	235	2,029	4,537
206	Sugar and confectionery products	182	114	644	1,900	1,249	107	832	2,473
207	Fats and oils	(NA)	44	297	919	860	40	366	1,291
208	Beverages	4,376	221	1,525	4,790	3,624	212	2,033	6,689
209	Misc. foods and kindred products	4,498	130	700	2,375	4,153	134	974	3,397
21	**Tobacco products**	329	75	377	[5] 2,032	272	66	502	2,637
211	Cigarettes	16	37	221	[5] 1,640	20	38	345	2,188
212	Cigars	148	19	71	[6] 196	124	14	68	192
213	Chewing and smoking tobacco	46	4	18	[6] 64	37	3	23	103
214	Tobacco stemming and redrying	119	16	66	[6] 133	91	11	66	154
22	**Textile mill products**	7,080	929	4,391	8,153	7,201	953	6,051	11,716
221	Weaving mills, cotton	393	203	938	1,624	307	121	745	1,256
222	Weaving mills, manmade fiber	396	109	529	922	412	150	979	1,832
223	Weaving, finishing mills, wool	310	42	216	429	198	19	132	239
224	Narrow fabric mills	384	26	121	214	376	27	162	289
225	Knitting mills	2,698	241	1,036	1,914	2,723	277	1,647	3,181
226	Textile finishing, except wool	641	74	416	710	655	80	564	1,114
227	Floor covering mills	385	44	228	599	527	60	415	1,076
228	Yarn and thread mills	768	119	505	946	807	148	866	1,580
229	Misc. textile goods	1,105	72	401	795	1,196	72	540	1,149
23	**Apparel, other textile products**	26,393	1,357	5,582	10,064	24,438	1,368	7,212	13,488
231	Men's and boys' suits and coats	1,003	136	642	1,048	856	125	770	1,342
232	Men's and boys' furnishings	2,853	345	1,212	2,181	2,787	363	1,692	3,242
233	Women's and misses' outerwear	9,416	409	1,756	3,183	9,526	433	2,270	4,102
234	Women's, children's undergarments	1,213	114	444	867	1,002	105	525	1,049
235	Hats, caps, and millinery	843	24	102	164	496	15	73	133
236	Children's outerwear	1,334	78	298	538	1,061	75	368	709
237	Fur goods	1,304	9	59	117	797	5	41	86
238	Misc. apparel and accessories	1,397	71	285	510	1,302	62	335	636
239	Misc. fabricated textile products	7,030	173	785	1,457	6,611	186	1,139	2,188
24	**Lumber and wood products** [7]	36,795	554	2,799	4,973	33,949	691	4,986	10,310
241	Logging camps, log contractors	16,334	71	339	695	13,238	80	524	1,163
242	Sawmills and planing mills	11,461	216	1,028	1,784	9,452	204	1,488	3,259
243	Millwork, plywood, and structural members [7]	4,558	154	896	1,505	5,506	191	1,474	2,908
244	Wood containers [7]	905	31	135	239	1,160	37	204	359
245	Wood buildings and mobile homes	(NA)	(NA)	(NA)	(NA)	993	97	745	1,491
249	Misc. wood products [7]	3,537	83	401	750	3,600	82	550	1,129
25	**Furniture and fixtures**	10,008	425	2,258	4,170	9,233	462	3,205	6,097
251	Household furniture [7]	6,306	298	1,456	2,650	5,369	317	2,024	3,861
252	Office furniture	365	35	225	478	433	39	330	660
253	Public bldg., related furniture	438	23	132	234	422	21	158	296
254	Partitions and fixtures	1,970	48	324	587	2,010	57	484	871
259	Misc. furniture and fixtures	929	22	121	221	999	27	210	410
26	**Paper and allied products**	5,890	639	4,436	9,756	6,038	633	5,992	13,064
261	Pulpmills	61	15	126	334	60	11	126	307
262	Papermills, except building paper	354	140	1,121	2,356	349	130	1,440	2,909
263	Paperboard mills	283	67	534	1,509	273	69	778	1,994
264	Misc. converted paper products	2,492	187	1,187	2,833	2,525	189	1,630	4,008
265	Paperboard containers and boxes	2,606	219	1,387	2,541	2,739	224	1,907	3,599
266	Building paper and board mills	94	12	83	184	92	12	112	247

For footnotes, see pp. 818 and 819.

FOR INDUSTRY GROUPS: 1967 TO 1977

Management and Budget; see text, p. 804. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

1975				1977							
All employees		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Establishments		All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)
Number [2] (1,000)	Payroll (mil. dol.)			Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)		
18,302	**209,519**	**442,485**	**37,262**	**359,928**	**118,669**	**19,590**	**264,013**	**13,691**	**157,164**	**585,166**	**47,459**
1,525	**15,856**	**48,095**	**3,434**	**26,656**	**11,038**	**1,520**	**18,544**	**1,072**	**11,731**	**56,062**	**4,215**
308	3,161	7,169	423	4,534	1,715	309	3,702	254	2,817	7,478	533
170	1,823	4,942	294	3,731	1,617	154	1,939	85	988	5,648	389
223	1,918	6,041	430	2,379	1,253	235	2,336	199	1,793	7,685	471
114	1,329	5,644	452	3,043	1,076	113	1,576	79	1,034	6,626	620
237	2,584	6,288	270	3,386	1,289	222	2,866	131	1,525	7,073	365
103	988	3,677	283	1,198	518	105	1,206	84	868	4,151	313
41	472	1,649	232	869	458	41	561	30	365	1,905	208
204	2,417	8,110	755	3,104	1,689	195	2,849	100	1,369	9,901	994
126	1,165	4,576	296	4,412	1,413	146	1,509	111	972	5,596	322
66	**655**	**3,722**	**145**	**228**	**123**	**61**	**751**	**50**	**571**	**4,334**	**182**
40	477	3,203	102	14	13	39	568	33	442	3,803	118
10	58	166	3	101	34	8	55	7	44	126	3
3	27	143	3	35	19	3	32	3	22	189	7
13	92	210	37	78	57	11	96	8	63	217	53
835	**6,397**	**12,044**	**997**	**7,202**	**4,131**	**876**	**7,881**	**765**	**6,203**	**16,105**	**1,224**
107	769	1,337	133	314	192	117	1,047	107	902	1,945	187
152	1,150	1,965	192	449	351	151	1,429	135	1,169	2,791	260
14	112	198	11	165	84	15	137	13	106	313	15
19	140	259	12	335	182	21	172	18	131	351	16
231	1,686	3,301	228	2,617	1,511	236	1,911	206	1,470	3,863	245
68	612	1,151	92	678	395	72	740	60	554	1,417	125
49	416	1,040	53	592	285	56	557	44	380	1,530	83
131	915	1,567	161	798	608	141	1,184	127	994	2,255	180
64	596	1,227	115	1,254	523	68	706	55	498	1,641	112
1,214	**7,700**	**14,749**	**381**	**26,505**	**11,932**	**1,334**	**9,659**	**1,157**	**7,253**	**19,671**	**457**
98	738	1,250	16	737	467	99	822	86	646	1,574	26
333	1,842	3,654	76	3,013	2,129	365	2,340	323	1,863	4,935	118
402	2,511	4,786	127	11,834	5,556	448	3,153	387	2,304	6,430	134
87	514	973	24	878	595	92	613	79	449	1,250	23
15	99	158	3	409	169	15	105	13	79	186	4
64	364	708	13	1,002	686	71	459	61	349	879	14
4	38	86	3	620	48	4	52	3	36	113	1
55	363	683	16	1,284	593	56	408	48	288	845	21
156	1,232	2,451	103	6,728	1,689	185	1,707	156	1,238	3,459	116
588	**5,231**	**10,356**	**1,264**	**37,302**	**7,056**	**692**	**7,425**	**595**	**5,795**	**16,223**	**1,563**
67	664	1,713	378	15,469	708	83	1,009	75	840	2,419	387
194	1,642	3,041	472	9,000	2,273	211	2,228	188	1,849	4,975	585
159	1,526	2,836	187	6,149	1,878	197	2,216	167	1,715	4,701	273
31	233	472	37	1,949	540	38	300	33	234	540	30
58	540	1,050	36	1,165	752	80	858	63	576	1,789	110
78	626	1,243	155	3,570	905	83	813	69	581	1,800	180
396	**3,310**	**6,290**	**252**	**10,235**	**3,588**	**464**	**4,448**	**384**	**3,192**	**8,922**	**389**
266	2,036	3,801	149	6,161	2,224	310	2,669	265	1,999	5,213	211
37	370	756	30	523	233	45	543	35	376	1,236	68
20	174	331	16	420	185	20	214	15	133	415	22
48	492	940	36	2,134	666	57	675	44	454	1,311	59
25	239	462	21	997	280	32	347	24	230	747	29
589	**6,990**	**17,944**	**2,718**	**6,545**	**3,999**	**629**	**8,943**	**486**	**6,323**	**22,171**	**3,295**
13	191	821	294	45	42	16	293	13	221	906	301
121	1,668	3,973	832	339	287	127	2,167	100	1,632	5,407	1,115
65	911	2,832	807	249	232	68	1,176	53	888	3,081	934
193	2,075	5,729	412	2,994	1,435	207	2,608	158	1,771	7,263	507
188	2,040	4,351	347	2,860	1,950	204	2,602	157	1,733	5,296	421
9	106	238	26	58	53	7	97	6	78	218	17

NO. 1451. MANUFACTURES SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
27	**Printing and publishing**	**37,989**	**1,031**	**7,152**	**14,355**	**42,103**	**1,057**	**9,631**	**20,210**
271	Newspapers	8,094	336	2,224	4,185	8,116	349	3,168	6,220
272	Periodicals	2,510	79	634	1,869	2,534	67	709	2,110
273	Books	1,766	97	686	1,967	1,905	98	919	2,540
274	Misc. publishing	1,493	31	197	418	2,041	39	331	776
275	Commercial printing [7]	19,497	331	2,358	3,944	22,282	344	3,277	5,695
276	Manifold business forms	542	34	240	551	667	39	344	824
277	Greeting card publishing [7]	222	28	151	372	199	24	192	527
278	Blankbooks and bookbinding	1,462	54	294	506	1,465	52	372	687
279	Printing trades services [7]	2,403	42	366	544	2,894	47	521	831
28	**Chemicals and allied products [7]**	[5] **11,799**	[5] **841**	[5] **6,443**	[5] **23,550**	**11,425**	**837**	**8,731**	**32,414**
281	Industrial inorganic chemicals [7]	2,032	248	2,090	7,737	1,049	100	1,079	3,343
282	Plastics materials, synthetics [7]	771	172	1,292	3,799	461	162	1,666	4,935
283	Drugs	1,129	118	942	4,073	1,078	130	1,413	6,131
284	Soap, cleaners, toilet goods [7]	2,508	97	684	3,930	2,573	112	1,058	6,201
285	Paints and allied products	1,701	66	492	1,319	1,599	66	647	1,792
286	Industrial organic chemicals	(NA)	131	1,130	4,406	827	137	1,614	6,073
287	Agricultural chemicals [7]	1,278	46	281	1,006	1,233	48	438	1,737
289	Misc. chemical products [7]	2,196	88	628	1,587	2,605	83	814	2,203
29	**Petroleum and coal products**	**1,880**	**142**	**1,216**	**5,426**	**2,016**	**140**	**1,638**	**5,793**
291	Petroleum refining	437	107	965	4,745	323	101	1,247	4,595
295	Paving and roofing materials	1,098	27	186	456	1,199	30	297	846
299	Misc. petroleum and coal products	345	8	65	225	494	9	94	352
30	**Rubber and miscellaneous plastics products [7]**	**6,456**	**517**	**3,287**	**6,800**	**9,237**	**618**	**5,165**	**11,653**
301	Tires and inner tubes	182	93	775	1,823	206	108	1,214	3,071
302	Rubber and plastics footwear [7]	65	29	141	245	107	32	183	370
303	Reclaimed rubber	24	2	12	23	20	1	9	16
304	Rubber and plastics hose, belting	(NA)	(NA)	(NA)	(NA)	90	32	309	619
306	Fabricated rubber products, n.e.c. [7]	1,189	142	923	1,741	1,116	99	809	1,573
307	Misc. plastics products [7]	4,996	252	1,436	2,968	7,698	347	2,642	6,005
31	**Leather and leather products**	[5] **3,685**	[5] **329**	[5] **1,459**	[5] **2,627**	**3,201**	**273**	**1,589**	**2,917**
311	Leather tanning and finishing	519	31	186	319	517	26	200	368
313	Boot, shoe cut stock, findings	379	14	60	109	248	9	50	86
314	Footwear; except rubber	1,083	211	889	1,620	917	176	973	1,796
315	Leather gloves and mittens	147	6	22	36	106	5	22	43
316	Luggage	333	21	97	186	277	17	107	194
317	Women's handbags and purses	792	37	163	279	688	34	195	345
319	Leather goods, n.e.c. [7]	365	6	26	46	448	7	43	84
32	**Stone, clay, and glass products**	**15,580**	**590**	**3,826**	**8,333**	**16,015**	**623**	**5,547**	**12,587**
321	Flat glass	64	24	197	423	32	21	242	662
322	Glass, pressed or blown	305	109	688	1,501	369	119	1,058	2,341
323	Products of purchased glass	887	29	182	394	913	34	296	669
324	Cement, hydraulic	197	33	248	812	198	30	349	1,154
325	Structural clay products	851	60	344	612	775	52	391	771
326	Pottery and related products	619	43	247	419	620	45	335	601
327	Concrete, gypsum, plaster products	10,004	169	1,103	2,478	10,115	193	1,741	3,840
328	Cut stone and stone products	811	17	91	148	908	15	109	191
329	Misc. nonmetallic mineral prod. [7]	1,842	106	726	1,547	2,085	115	1,025	2,359
33	**Primary metal industries [7]**	**6,837**	**1,281**	**9,851**	**19,978**	**6,792**	**1,143**	**12,167**	**23,256**
331	Blast furnace and basic steel products	861	617	5,022	10,170	970	553	6,389	12,116
332	Iron and steel foundries	1,438	233	1,641	2,631	1,400	219	2,155	3,481
333	Primary nonferrous metals	144	53	405	1,382	177	59	627	1,706
334	Secondary nonferrous metals	403	17	123	271	381	18	170	411
335	Nonferrous rolling and drawing	833	195	1,438	3,325	903	188	1,871	3,800
336	Nonferrous foundries	1,886	90	609	1,068	1,841	81	722	1,269
339	Misc. primary metal products [7]	1,272	76	613	1,132	1,120	25	233	476

For footnotes, see pp. 818 and 819.

FOR INDUSTRY GROUPS: 1967 TO 1977—Continued

pp. 814 and 815]

1975				1977							
All employees		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Establishments		All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new (mil. dol.)
Number [2] (1,000)	Payroll (mil. dol.)			Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)		
1,070	**11,655**	**24,641**	**1,175**	**49,767**	**9,132**	**1,092**	**14,025**	**626**	**7,322**	**31,980**	**1,598**
360	3,770	7,578	363	8,867	2,147	350	4,306	147	1,805	9,519	478
73	880	2,652	62	2,994	525	70	1,020	11	116	3,763	79
99	1,131	3,187	138	2,694	716	106	1,379	51	544	4,291	134
34	362	862	38	2,352	335	42	503	15	150	1,291	39
355	3,900	6,890	413	26,815	3,637	356	4,702	275	3,275	8,551	640
40	440	1,156	75	795	477	45	575	33	391	1,492	82
19	195	559	16	166	52	18	227	11	106	656	19
47	417	856	33	1,492	576	56	579	46	419	1,149	55
43	560	901	37	3,592	667	48	735	36	516	1,268	72
842	**11,227**	**44,976**	**6,353**	**12,173**	**4,602**	**880**	**13,839**	**544**	**7,446**	**56,721**	**8,199**
109	1,538	5,213	721	1,282	490	110	1,847	68	1,033	6,487	1,056
150	1,985	5,525	1,439	551	408	157	2,471	111	1,558	7,843	1,316
150	2,039	8,030	475	1,243	482	156	2,460	80	997	9,940	579
108	1,278	7,248	255	2,528	739	112	1,526	71	823	9,407	334
60	737	2,126	122	1,579	653	61	883	33	394	2,821	167
137	2,079	9,511	2,120	879	510	153	2,794	98	1,625	12,875	3,353
52	653	4,546	960	1,325	482	54	784	35	455	3,808	1,107
75	919	2,777	261	2,786	838	77	1,075	47	561	3,539	287
141	**2,147**	**10,500**	**2,418**	**2,206**	**773**	**147**	**2,696**	**101**	**1,765**	**16,378**	**2,261**
101	1,666	8,927	2,275	349	279	103	2,055	71	1,366	14,424	2,109
30	345	1,065	85	1,297	328	32	461	24	319	1,272	113
11	137	507	57	560	166	12	180	6	80	682	40
585	**5,923**	**13,599**	**1,140**	**11,943**	**5,294**	**721**	**8,536**	**564**	**5,842**	**19,740**	**1,645**
106	1,332	3,463	272	200	126	114	1,832	88	1,366	4,347	289
25	176	320	10	84	50	20	159	16	116	272	11
1	9	16	1	21	9	1	12	1	8	25	1
27	307	695	80	146	103	34	457	23	275	974	55
90	884	1,748	86	1,280	621	99	1,164	77	795	2,352	135
335	3,214	7,357	691	10,212	4,385	454	4,912	358	3,281	11,770	1,154
240	**1,651**	**3,187**	**78**	**3,075**	**1,486**	**243**	**1,860**	**212**	**1,408**	**3,719**	**96**
23	220	444	23	465	191	23	255	20	192	535	31
8	53	74	3	190	96	9	65	7	49	109	3
146	934	1,826	35	811	603	146	1,032	129	822	2,070	37
6	32	55	1	101	66	6	34	5	26	68	2
17	125	245	4	298	130	19	164	16	106	328	8
34	231	427	6	678	283	32	242	28	170	472	11
7	57	117	5	532	117	9	68	7	44	137	4
589	**6,390**	**14,849**	**1,581**	**17,744**	**5,201**	**614**	**7,943**	**484**	**5,767**	**19,130**	**1,881**
21	298	654	57	62	32	22	401	19	328	931	81
111	1,219	2,931	278	508	249	117	1,548	101	1,269	3,592	365
33	341	665	49	1,101	325	36	429	29	306	960	73
29	411	1,333	355	201	160	28	485	22	380	1,672	297
47	411	834	64	711	471	45	486	37	360	1,058	82
44	389	733	44	934	241	43	460	36	342	894	45
178	1,958	4,419	433	10,844	2,711	184	2,367	134	1,559	5,391	605
15	121	234	8	993	164	13	132	11	99	238	10
113	1,241	3,047	294	2,390	848	126	1,635	97	1,124	4,395	323
1,089	**14,994**	**30,367**	**4,165**	**7,375**	**3,980**	**1,114**	**18,745**	**885**	**14,065**	**37,568**	**4,497**
532	8,106	15,783	2,288	1,216	740	530	10,086	418	7,631	18,318	2,443
221	2,713	4,976	520	1,465	1,033	222	3,329	184	2,583	6,25[illegible]	659
58	844	2,411	599	160	99	57	1,032	45	768	3,619	587
17	208	576	62	460	200	19	270	14	170	769	114
162	2,008	4,590	473	1,002	711	177	2,640	136	1,902	5,902	461
76	816	1,435	165	1,892	805	82	1,044	69	783	1,960	164
24	299	596	59	1,180	392	26	345	20	229	763	70

NO. 1451. MANUFACTURES SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
34	**Fabricated metal products** [7]	[5] **27,418**	[5] **1,342**	[5] **9,320**	[5] **18,043**	**29,525**	**1,493**	**13,821**	**26,946**
341	Metal cans, shipping containers [7]	299	60	474	1,142	553	79	840	2,005
342	Cutlery, handtools, hardware	1,939	156	1,043	2,318	1,904	159	1,405	3,253
343	Plumbing and heating, ex. electric [7]	838	65	428	872	757	61	524	1,132
344	Fabricated structural metal prod	10,151	388	2,687	4,934	10,351	395	3,532	6,743
345	Screw machine products, bolts, etc	2,536	116	847	1,621	2,482	101	948	1,845
346	Metal forgings, stampings [7]	2,710	226	1,686	3,031	3,188	264	2,791	5,057
347	Metal services, n.e.c	4,684	81	481	864	4,761	82	624	1,120
348	Ordnance and accessories, n.e.c. [7]	(NA)	(NA)	(NA)	(NA)	315	110	1,015	1,507
349	Misc. fabricated metal products [7]	2,711	189	1,309	2,591	5,214	244	2,142	4,283
35	**Machinery, exc. electrical**	**37,892**	**1,865**	**14,226**	**27,836**	**40,792**	**1,828**	**18,523**	**37,563**
351	Engines and turbines	182	100	820	1,598	253	116	1,320	2,900
352	Farm and garden machinery	1,618	136	947	2,042	1,658	125	1,211	2,701
353	Construction and related machinery	2,305	273	2,041	4,130	2,517	275	2,856	5,962
354	Metalworking machinery	9,439	337	2,860	5,091	9,652	268	2,859	4,902
355	Special industry machinery	3,312	207	1,570	2,880	3,685	190	1,854	3,732
356	General industrial machinery	3,760	279	2,137	4,107	3,863	262	2,585	5,020
357	Office and computing machines	594	190	1,462	3,332	995	208	2,277	4,905
358	Refrigeration, service machinery	1,573	140	947	2,125	1,769	198	1,864	4,427
359	Misc. machinery, except electrical [7]	15,109	203	1,443	2,531	16,400	184	1,697	3,016
36	**Electric and electronic equipment** [7]	**10,706**	**1,875**	**12,968**	**24,487**	**12,270**	**1,662**	**15,189**	**30,558**
361	Electric distributing equipment [7]	1,218	176	1,230	2,509	784	116	1,040	2,060
362	Electrical industrial apparatus	1,316	207	1,420	2,792	1,510	188	1,665	3,218
363	Household appliances	637	169	1,101	2,540	645	163	1,369	3,563
364	Electric lighting and wiring equip	1,868	157	950	2,214	1,897	177	1,414	3,277
365	Radio and TV receiving equipment	661	130	720	1,587	939	107	798	2,183
366	Communication equipment	1,402	525	4,397	6,993	1,976	454	4,912	8,453
367	Electronic components, accessories	2,439	403	2,435	4,359	2,867	336	2,869	5,306
369	Misc. electrical equipment, supplies	1,165	107	715	1,494	1,652	120	1,121	2,498
37	**Transportation equipment** [7]	**7,483**	**1,834**	**15,174**	**28,174**	**8,802**	**1,719**	**19,880**	**39,799**
371	Motor vehicles and equipment [7]	2,675	739	5,930	13,666	3,391	808	9,461	22,056
372	Aircraft and parts [8]	1,273	802	7,209	11,327	1,094	439	5,282	9,124
373	Ship and boat building and repairing	2,011	169	1,239	1,705	2,232	185	1,704	2,398
374	Railroad equipment	123	57	427	788	163	51	529	1,113
375	Motorcycles, bicycles, parts	91	12	70	136	222	18	140	315
376	Guided missiles, space vehicles	(NA)	(NA)	(NA)	(NA)	147	160	2,317	3,969
379	Misc. transportation equipment [7]	1,310	55	298	551	1,553	59	448	824
38	**Instruments and related products** [7]	**4,453**	**394**	**2,822**	**6,418**	**5,983**	**453**	**4,286**	**10,580**
381	Engineering, scientific instruments	677	46	327	617	743	37	365	681
382	Measuring and control devices [7]	766	104	732	1,392	1,611	153	1,437	2,724
383	Optical instruments and lenses [7]	303	21	163	284	494	19	193	384
384	Medical instruments and supplies	1,466	67	427	966	1,807	91	758	1,821
385	Ophthalmic goods	461	26	143	284	499	27	183	416
386	Photographic equip. and supplies	557	95	820	2,481	627	96	1,120	4,088
387	Watches, clocks, and watchcases	223	35	209	393	202	31	230	466
39	**Misc. manufacturing** [7] [8]	**14,489**	**824**	**5,819**	**10,189**	**15,187**	**446**	**3,180**	**6,769**
391	Jewelry, silverware, and plated ware	2,212	52	320	641	2,296	53	425	851
393	Musical instruments	343	25	144	236	344	25	173	339
394	Toys and sporting goods	2,435	116	559	1,205	2,460	133	881	1,999
395	Pens, office and art goods	959	35	200	412	966	32	244	557
396	Costume jewelry and notions	1,608	52	252	528	1,482	50	323	720
399	Misc. manufactures [7] [8]	6,932	544	4,345	7,163	7,639	153	1,134	2,303
(X)	**Administrative and auxiliary** [9]	**5,460**	**831**	**8,728**	(X)	**8,039**	**994**	**13,772**	(X)

NA Not available. X Not applicable. [1] Standard Industrial Classification Code; see text, p. 804. [2] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. [3] See footnote 6, table 1434. [4] Includes expenditures for plants in operation and plants under construction but not yet in operation. [5] Includes industries not shown separately.

FOR INDUSTRY GROUPS: 1967 TO 1977—Continued

pp. 814 and 815]

1975				1977							
All employees		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	Establishments		All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)
Number [2] (1,000)	Payroll (mil. dol.)			Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)		
1,417	**16,334**	**34,203**	**2,074**	**33,712**	**12,739**	**1,556**	**21,036**	**1,192**	**14,429**	**45,512**	**2,606**
74	1,040	2,826	249	587	413	72	1,247	60	1,000	3,644	209
147	1,619	3,602	205	2,137	877	169	2,179	133	1,553	5,177	299
53	551	1,162	75	1,015	341	53	637	41	423	1,574	74
397	4,488	9,257	483	11,817	4,279	426	5,492	309	3,467	11,785	580
97	1,085	2,255	122	2,627	1,102	105	1,414	82	983	2,864	184
241	3,077	6,039	415	3,715	1,875	288	4,511	236	3,419	8,913	604
81	774	1,431	104	5,095	1,373	94	1,009	77	706	1,963	121
82	994	1,635	63	346	151	70	992	47	559	1,737	83
246	2,705	5,997	359	6,373	2,328	279	3,556	208	2,318	7,855	452
1,967	**24,555**	**51,044**	**3,355**	**48,200**	**12,446**	**2,083**	**30,558**	**1,414**	**18,298**	**67,223**	**4,402**
121	1,677	3,434	339	315	168	130	2,238	90	1,405	4,960	330
150	1,872	4,365	347	2,159	756	151	2,197	111	1,456	5,490	371
318	4,178	9,473	804	3,229	1,518	333	5,097	226	3,185	11,836	932
290	3,671	6,862	295	10,630	2,680	298	4,514	218	2,963	8,747	439
199	2,394	4,871	200	4,090	1,487	185	2,616	118	1,450	5,271	244
290	3,565	7,428	458	4,947	1,806	314	4,451	212	2,712	9,673	553
225	3,033	6,441	390	1,317	610	259	3,949	124	1,384	9,921	826
158	1,791	3,893	187	2,114	837	192	2,516	138	1,637	5,963	288
215	2,375	4,277	336	19,399	2,584	223	2,980	177	2,106	5,362	421
1,524	**17,401**	**34,845**	**1,877**	**14,973**	**6,338**	**1,723**	**22,544**	**1,191**	**12,952**	**50,366**	**2,867**
105	1,154	2,492	69	947	459	115	1,431	85	910	3,336	141
185	2,030	4,209	233	1,646	819	198	2,543	142	1,572	5,614	311
145	1,486	3,601	176	666	342	162	1,898	129	1,352	5,276	207
145	1,450	3,392	163	2,009	913	165	1,925	127	1,292	4,741	217
86	853	1,934	90	1,290	325	98	1,097	75	740	3,078	136
434	5,714	10,324	422	2,385	1,126	459	6,995	260	3,226	14,130	689
302	3,358	5,984	536	4,455	1,671	374	4,557	258	2,457	9,260	783
121	1,358	2,909	188	1,575	683	152	2,098	116	1,402	4,930	383
1,605	**22,772**	**45,337**	**2,762**	**10,176**	**3,653**	**1,768**	**30,673**	**1,284**	**20,314**	**64,291**	**4,671**
699	9,856	21,466	1,831	4,234	1,708	876	16,038	728	12,682	37,023	3,636
438	6,601	12,801	369	1,173	549	431	7,621	240	3,564	14,732	508
202	2,305	3,552	329	2,795	736	220	2,940	176	2,132	4,681	204
60	798	1,566	73	201	118	56	889	43	620	1,883	80
14	148	254	16	350	63	16	169	13	130	370	24
148	2,624	4,764	109	109	86	120	2,427	46	771	4,422	164
44	440	933	35	1,314	393	49	591	39	416	1,181	54
500	**5,829**	**14,158**	**794**	**7,481**	**2,538**	**559**	**7,520**	**347**	**3,743**	**18,762**	**939**
46	561	1,112	40	786	279	42	584	25	281	1,287	57
163	1,898	3,618	142	2,079	849	200	2,666	121	1,288	5,242	268
23	283	572	24	545	199	30	421	17	188	897	51
109	1,110	2,621	170	2,355	679	114	1,319	77	712	3,262	172
27	248	478	15	634	155	30	314	22	188	656	44
100	1,441	5,177	388	780	265	112	1,900	62	887	6,732	323
32	287	580	16	302	112	32	317	24	199	685	23
393	**3,487**	**7,580**	**302**	**17,259**	**3,794**	**441**	**4,406**	**339**	**2,745**	**10,291**	**474**
50	481	998	29	3,118	564	61	638	44	373	1,449	40
25	219	392	16	450	127	25	253	21	178	488	14
113	917	2,161	106	2,910	835	119	1,112	93	697	3,000	148
31	281	624	34	987	261	32	331	23	203	868	55
44	347	835	21	1,514	467	51	451	42	293	1,002	44
131	1,241	2,571	97	8,280	1,540	152	1,623	116	1,001	3,485	173
1,128	**19,015**	**(x)**	**(x)**	**9,171**	**4,856**	**1,074**	**21,981**	**(x)**	**(x)**	**(x)**	**(x)**

[6] Value of production. The formula for computing value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year. [7] Due to changes in industry classification, 1967 data not comparable with later data. [8] For 1967, includes ordnance from privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes government-owned and -operated equipment. [9] Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972,* and *1977, General Summary,* MC67(1), MC72(1)-1, and MC77(1)-1.

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No. 1452. Exports and Export-Related Employment of Manufacturing Establishments, by Industry: 1976

[See headnote, table 1448 and footnote 1 of same table concerning employment figures]

Industry group	Value of shipments (bil. dol.)		Manufacturing employment (1,000)		Industry group	Value of shipments (bil. dol.)		Manufacturing employment (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
Manufacturing, total	**1,185.7**	**83.2**	**18,753**	**1,173**	Rubber, misc. plastics products	31.8	1.3	627	23
Food and kindred products	180.9	5.9	1,536	37	Leather, leather products	7.2	.3	247	6
Tobacco manufactures	8.8	1.0	65	10	Stone, clay, glass products	30.6	1.0	599	17
Textile mill products	36.4	1.2	876	28	Primary metal industries	93.0	2.9	1,106	30
Apparel, other textile products	34.8	.7	1,271	16	Fabricated metal products	77.5	3.7	1,471	70
Lumber and wood products	31.2	1.9	629	23	Machinery, exc. electrical	105.5	19.0	1,960	295
Furniture, fixtures	14.2	.2	426	5	Elec., electronic equipment	73.9	9.2	1,579	196
Paper and allied products	48.2	2.3	615	21	Transportation equipment	141.0	16.5	1,668	203
Printing, publishing	42.8	.6	1,086	12	Instruments and related products	25.0	3.8	518	80
Chemicals, allied products	104.1	9.3	851	75	Misc. manufacturing	16.3	1.3	410	25
Petroleum, coal products	82.3	1.2	145	3					

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures*, 1976, M76(AS)-8.

No. 1453. Fuels and Electric Energy Used in Manufacturing Industries: 1958 to 1977

[Btu = British thermal units. For definition of Btu, see headnote, table 1025]

Industry group and type of energy	Unit	1958	1962	1967	1971	1974	1975	1976	1977
ENERGY USED									
All manufacturing industries [1]	**Tril. Btu**	**8,248**	**9,811**	**11,810**	**13,008**	**13,548**	**12,084**	**12,776**	**12,929**
Chemicals and allied products	Tril. Btu	1,542	1,877	2,460	2,660	3,042	2,806	3,017	2,979
Primary metals	Tril. Btu	1,769	2,303	2,422	2,445	2,687	2,240	2,381	2,539
Paper and allied products	Tril. Btu	806	929	1,156	1,315	1,329	1,210	1,295	1,308
Petroleum and coal products	Tril. Btu	932	1,145	1,394	1,593	1,568	1,333	1,292	1,303
Stone, clay, and glass products	Tril. Btu	945	1,056	1,229	1,304	1,334	1,160	1,220	1,252
Food and kindred products	Tril. Btu	766	803	900	1,026	950	914	938	952
Fabricated metal products	Tril. Btu	190	213	298	350	406	368	381	395
Machinery, exc. electrical	Tril. Btu	210	235	311	367	357	328	330	340
Lumber and wood products	Tril. Btu	90	118	188	233	267	229	244	228
Printing and publishing	Tril. Btu	41	50	66	103	90	87	86	92
TYPE OF ENERGY									
Purchased fuels and electric energy [1]	**Tril. Btu**	**8,248**	**9,811**	**11,810**	**13,008**	**13,548**	**12,084**	**12,776**	**12,929**
Cost	Mil. dol	5,067	6,184	7,692	10,432	19,468	23,291	28,139	33,380
Fuels	Mil. dol	2,836	3,361	3,975	5,361	11,003	12,978	15,960	18,865
Electric energy	Mil. dol	2,231	2,823	3,717	5,071	8,465	10,313	12,179	14,515
Coal	Tril. Btu	2,143	2,343	1,967	1,608	1,252	1,169	1,255	1,326
Cost	Mil. dol	638	640	552	658	1,083	1,310	1,344	1,494
Fuel oil [2]	Tril. Btu	969	1,209	1,092	1,496	1,738	1,726	1,978	2,139
Cost	Mil. dol	523	623	536	989	3,315	3,519	3,986	4,913
Gas	Tril. Btu	3,187	4,411	5,434	6,609	6,724	5,944	5,999	5,720
Cost	Mil. dol	901	1,456	1,749	2,560	4,360	5,653	7,532	8,679
Purchased electric energy	Tril. Btu	863	1,071	1,459	1,756	2,104	2,036	2,184	2,263
Cost	Mil. dol	2,231	2,823	3,717	5,071	8,465	10,313	12,179	14,515

[1] Includes items not shown separately. [2] Includes fuel-oil related products.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977;* and *Annual Survey of Manufactures.*

NO. 1454. PERCENT SHARE OF VALUE ADDED BY MANUFACTURE FOR LARGEST COMPANIES IN MANUFACTURING, 1947 TO 1976, AND OF EMPLOYEES AND SHIPMENTS, 1963 TO 1976

[**Percent of total manufacturing.** Companies ranked on value added by manufacture; companies in each group are not identical for all years. See also *Historical Statistics, Colonial Times to 1970*, series P 177–180]

ITEM	VALUE ADDED						EMPLOYMENT [1]			SHIPMENTS [2]		
	1947	1954	1963	1967	1972	1976	1963	1972	1976	1963	1972	1976
Largest 50 companies	17	23	25	25	25	24	19	19	18	25	24	25
Largest 100 companies	23	30	33	33	33	34	25	26	25	34	33	34
Largest 150 companies	27	34	37	38	39	40	29	31	30	38	39	41
Largest 200 companies	30	37	41	42	43	44	32	35	34	42	43	46

[1] Includes central administrative offices and auxiliaries. [2] See footnote 7, table 1434.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, 1976, Concentration Ratios in Manufacturing*, M76(AS)-9.

NO. 1455. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1963 TO 1972

[Prior to 1967, excludes Alaska and Hawaii. First 32 industries (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value added by manufacture in 1972 of $2 billion or more. Industry codes and descriptions are based on the 1972 *Standard Industrial Classification Manual* (SIC), see text, p. 804. Determination of company affiliation of establishment is based on census reports and publicly available records. "Largest" companies are determined by each company's value added by manufacture *in the specified industry*. Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

Industry code [1]	INDUSTRY	Year	Number of companies	Value added by manufacture [2] (mil. dol.)	Total value of shipments [3] (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 largest	8 largest	20 largest	50 largest
3711	Motor vehicles and car bodies	1967	107	7,354	27,296	92	98	99+	99+
		1972	165	11,783	42,906	93	99	99+	99+
3312	Blast furnaces and steel mills	1963	161	7,506	16,418	51	70	86	97
		1967	200	8,910	19,621	48	66	83	96
		1972	245	10,305	23,947	45	65	84	96
3714	Motor vehicle parts and accessories	1967	1,424	5,712	11,624	60	68	78	87
		1972	1,748	9,165	18,334	61	69	78	86
2711	Newspapers	1963	7,982	3,202	4,484	15	22	36	52
		1967	7,589	4,184	5,757	16	25	40	56
		1972	7,461	6,220	8,263	17	28	43	60
3662	Radio and TV communications equipment	1963	1,001	4,328	7,146	29	45	69	84
		1967	1,111	5,456	8,556	22	37	61	81
		1972	1,524	5,803	9,140	19	33	58	77
2834	Pharmaceutical preparations	1963	944	2,596	3,314	22	38	72	89
		1967	791	3,720	4,696	24	40	73	90
		1972	680	5,640	7,150	26	44	75	91
3721	Aircraft	1963	82	[4] 3,543	[4] 6,317	59	83	99	99+
		1967	91	[4] 5,448	[4] 11,080	69	89	99	99+
		1972	141	5,083	8,779	66	86	99	99+
2911	Petroleum refining	1963	266	3,137	16,497	34	56	82	95
		1967	276	4,745	20,294	33	57	84	96
		1972	152	4,595	25,921	31	56	84	95
3861	Photographic equipment and supplies	1963	499	1,270	1,851	63	76	86	93
		1967	505	2,481	3,665	69	81	89	95
		1972	555	4,088	5,624	74	85	92	95
2051	Bread, cake, and related products	1963	4,339	2,404	4,506	23	35	45	56
		1967	3,445	2,753	5,103	26	38	47	58
		1972	2,800	3,518	6,132	29	39	50	62
3585	Refrigeration and heating equipment	1963	655	893	(NA)	25	39	58	77
		1967	624	1,480	(NA)	31	45	62	78
		1972	655	3,517	7,084	40	53	70	85
3573	Electronic computing equipment	1967	134	1,926	3,771	66	83	92	98
		1972	518	3,419	6,471	51	63	78	90
2752	Commercial printing, lithographic	1963	6,738	1,392	2,150	6	10	16	25
		1967	6,718	1,898	3,139	5	8	15	25
		1972	8,160	3,155	5,125	4	8	15	24

See footnotes at end of table.

NO. 1455. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES, SELECTED INDUSTRIES: 1963 TO 1972—Continued

[See headnote, p. 821]

Industry code [1]	INDUSTRY	Year	Number of companies	Value added by manufacture [2] (mil. dol.)	Total value of shipments [3] (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 largest	8 largest	20 largest	50 largest
3531	Construction machinery	1963	561	1,301	2,696	42	53	70	84
		1967	578	2,506	4,138	41	53	72	85
		1972	644	3,131	6,091	43	54	72	86
3011	Tires and inner tubes	1963	105	1,322	2,950	70	89	97	99+
		1967	119	1,823	3,734	70	88	97	100
		1972	136	3,071	5,747	73	90	98	99+
2011	Meatpacking plants	1963	2,833	1,908	12,435	31	40	49	60
		1967	2,529	2,221	15,576	26	39	49	61
		1972	2,293	2,968	23,003	22	37	51	66
3761	Guided missiles and space vehicles	1967	(NA)	3,339	4,641	(NA)	(NA)	(NA)	(NA)
		1972	23	2,949	4,124	62	88	(D)	100
2621	Papermills, exc. building paper	1963	186	1,857	3,825	26	42	63	85
		1967	203	2,356	4,844	26	43	65	86
		1972	194	2,909	6,385	24	40	66	88
2421	Sawmills and planing mills, general	1963	11,931	1,376	3,156	11	14	20	29
		1967	10,016	1,556	3,506	11	15	22	31
		1972	7,664	2,907	6,421	18	23	33	45
2844	Toilet preparations	1963	673	1,233	1,793	38	52	75	90
		1967	628	1,731	2,516	38	52	74	90
		1972	593	2,834	4,053	38	53	74	91
3465	Automotive stampings	1972	388	2,664	5,286	69	72	79	87
3661	Telephone, telegraph apparatus	1963	65	1,014	1,736	92	96	99	99+
		1967	82	1,537	2,591	92	96	99	99+
		1972	157	2,650	4,525	(D)	(D)	98	99+
2026	Fluid milk	1968	4,030	2,203	7,026	23	30	40	48
		1967	2,988	2,351	7,826	22	30	42	51
		1972	2,024	2,552	9,396	18	26	42	56
2086	Bottled and canned soft drinks	1963	3,569	1,233	2,211	12	17	24	34
		1967	3,057	1,679	3,173	13	20	28	38
		1972	2,271	2,337	5,454	14	21	32	44
3321	Gray iron foundries [5]	1963	1,062	1,169	1,985	28	37	51	65
		1967	969	1,543	2,638	27	36	50	64
		1972	893	2,257	3,877	34	45	59	71
3523	Farm machinery and equipment	1963	1,481	(NA)	2,842	43	55	67	77
		1967	1,526	2,042	4,300	44	56	68	77
		1972	1,465	2,248	4,530	47	61	69	78
2111	Cigarettes	1963	7	[6] 1,310	[6] 2,655	80	100	(X)	(X)
		1967	8	[6] 1,640	[6] 3,045	81	100	(X)	(X)
		1972	13	[6] 2,188	[6] 3,745	84	(D)	100	(X)
2821	Plastics materials and resins	1972	193	2,161	4,478	27	41	65	90
2721	Periodicals	1963	2,562	1,349	2,296	28	42	59	73
		1967	2,430	1,869	3,096	24	37	56	72
		1972	2,451	2,110	3,511	26	38	54	69
2824	Organic fibers, noncellulosic	1963	14	922	1,403	94	99	100	(X)
		1967	22	1,252	2,033	84	94	(D)	100
		1972	36	2,040	3,639	74	91	99+	100
2841	Soap and other detergents	1963	641	1,137	2,128	72	80	88	93
		1967	599	1,404	2,593	70	78	86	92
		1972	577	2,039	3,394	62	74	85	92
2751	Commercial printing, letterpress	1963	11,979	(NA)	2,645	13	19	28	38
		1967	11,955	(NA)	3,256	14	21	29	39
		1972	13,040	2,015	3,292	14	19	26	35

D Withheld to avoid disclosure. NA Not available. X Not applicable. [1] See headnote. [2] See footnote 6, table 1434. [3] See footnote 2, table 1454. [4] Value of work done reported instead of value of shipments; therefore, value added not adjusted for inventory change. [5] Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such. [6] Value of production reported instead of value of shipments; therefore, formula for computing adjusted value added modified to include only changes in work-in-process inventories between beginning and end of year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, Concentration Ratios in Manufacturing*, MC72(SR)-2.

No. 1456. Beverage Industry—Summary: 1965 to 1977

Year and item	Unit	Total	Malt beverages	Malt	Wines, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bottled, canned)	Flavoring, extracts, sirups
1965: Employees	1,000	210	60	2	6	19	114	9
Payroll	Mil. dol	1,348	488	16	42	126	614	63
Value added by manufacture	Mil. dol	4,152	1,360	51	167	713	1,373	488
Value of shipments	Mil. dol	7,728	2,497	204	396	1,288	2,505	837
1970: Employees	1,000	228	57	2	9	21	129	11
Payroll	Mil. dol	1,884	616	19	71	171	916	91
Value added by manufacture	Mil. dol	6,144	2,028	58	258	887	2,121	792
Value of shipments	Mil. dol	12,373	3,822	210	591	1,758	4,631	1,361
1975: Employees	1,000	204	47	2	11	16	117	11
Payroll	Mil. dol	2,418	726	24	131	198	1,210	129
Value added by manufacture	Mil. dol	8,110	2,008	122	500	1,056	3,321	1,103
Value of shipments	Mil. dol	20,396	5,641	591	1,197	2,004	8,602	2,361
1977: Employees	1,000	196	44	2	9	16	114	11
Payroll	Mil. dol	2,849	858	27	134	232	1,449	149
Value added by manufacture	Mil. dol	9,901	2,602	101	510	1,150	4,085	1,453
Value of shipments	Mil. dol	23,329	6,653	499	1,363	2,296	10,007	2,511

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* and *Annual Survey of Manufactures.*

No. 1457. Alcoholic Beverages—Summary: 1960 to 1979

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970,* series P 235 for beer production, and P 236a for distilled spirits]

Item	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Beer: Breweries operated	Number	229	197	154	118	117	96	95	89	(NA)
Production	Mil. bbl.[1]	95	108	135	153	158	161	170	176	183
Imports (Incl. ale, etc.) [2]	Mil. bbl.[1]	(NA)	(NA)	(NA)	1.4	1.7	2.4	2.6	3.1	4.1
Value of shipments (SIC 2082) [3]	Mil. dol	(NA)	2,470	3,822	5,047	5,641	6,025	6,653	7,550	(NA)
Tax-paid withdrawals	Mil. bbl. [1]	89	100	123	142	147	149	156	160	167
Stocks on hand, June 30	Mil. bbl. [1]	11	13	15	14	14	14	14	14	14
Per capita consumption [4]	Gallons	24.0	25.5	28.6	31.0	32.8	31.2	32.3	33.1	34.0
Of domestic output	Gallons	23.9	25.3	28.4	30.8	32.4	30.8	31.8	32.4	33.1
Distilled spirits:										
Production facilities operated	Number	178	153	140	120	115	107	96	101	(NA)
Warehouses operated	Number	241	268	274	255	241	233	222	220	(NA)
Production, total [5]	Mil. tax gal. [6 7]	273	276	355	258	278	234	225	268	241
Whisky	Mil. tax gal. [6 7]	150	118	160	93	50	79	82	71	104
Tax-paid withdrawals, total [8]	Mil. tax gal. [6 7]	178	205	256	292	295	304	296	321	318
Whisky	Mil. tax gal. [6 7]	84	90	112	138	137	135	126	136	125
Stocks on hand, June 30, total [5]	Mil. tax gal. [6 7]	932	990	1,091	933	836	782	726	670	659
Whisky	Mil. tax gal. [6 7]	814	841	960	876	780	723	668	611	596
Bottled for consumption, total	Mil. wine gal. [9]	204	244	312	349	357	369	361	390	377
Whisky	Mil. wine gal. [9]	147	161	192	184	182	179	166	170	161
Per capita consumption [4]	Wine gal. [9]	1.87	2.13	2.61	2.89	2.49	2.11	2.67	2.78	2.70
Of domestic output	Wine gal. [9]	1.54	1.66	1.91	2.03	1.75	2.00	1.93	2.02	1.96
Still wines: Production [10]	Mil. wine gal. [9]	511	565	713	848	782	768	771	731	739
Tax-paid withdrawals [11]	Mil. wine gal. [9]	148	163	204	274	287	303	306	313	324
Stocks on hand, June 30 [12]	Mil. wine gal. [9]	143	157	207	307	325	325	392	431	485
Per capita consumption [4]	Wine gal. [9]	1.36	1.44	1.70	2.26	2.20	2.40	2.45	2.54	2.60
Of domestic output	Wine gal. [9]	1.28	1.32	1.52	1.91	1.96	1.95	2.35	2.01	2.02
Effervescent wines: [13]										
Production	Mil. wine gal. [9]	4.1	6.4	20.0	20.3	18.0	20.2	21.2	23.8	24.4
Tax-paid withdrawals	Mil. wine gal. [9]	3.3	5.7	17.1	18.7	17.6	18.8	20.3	21.2	22.1
Stocks on hand, June 30	Mil. wine gal. [9]	2.7	3.6	8.1	9.5	9.0	9.4	10.4	11.4	12.0
Per capita consumption [4]	Wine gal. [9]	.04	.06	.15	.14	.13	.14	.16	.15	.15
Of domestic output	Wine gal. [9]	.03	.05	.13	.13	.12	.12	.14	.13	.12

NA Not available. [1] Barrels of 31 wine gallons (see footnote 9). [2] Source: U.S. Bureau of Census, *Imports for Consumption, General Imports,* FT 246. [3] Source: U.S. Bureau of Census, *Census of Manufactures, 1977* and *1978 Annual Survey of Manufactures.* [4] Source: U.S. Dept. of Commerce, Bureau of Industrial Economics. Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [5] Excludes alcohol produced for industrial use. [6] A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnotes 7 and 9.) [7] A proof gallon is the alcoholic equivalent of a U.S. gallon at 60° F, containing 50 percent of ethyl alcohol by volume. [8] Includes ethyl alcohol. [9] A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. [10] Production represents total amount removed from fermenters, including distilling material, and, beginning 1970, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1974, 389 million gallons of distilling materials were produced; 1975, 359 mil. gal.; 1976, 343 million gal. 1977, 347 million gal.; 1978, 258 mil. gal.; and 1979, 259 mil. gal. [11] Includes special natural wines. [12] Excludes distilling materials. [13] Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual.

No. 1458. Tobacco Products—Production and Consumption: 1960 to 1979

[Production data are for years ending **June 30.** Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970,* series P 239-241]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Production:												
Cigarettes [1]	Billions	506	562	562	593	616	652	627	688	673	688	707
Cigars [1]	Billions	6.9	8.9	8.0	8.0	11.4	8.7	8.3	6.7	5.8	5.6	5.1
Tobacco [2]	Mil. lb	176	169	164	157	149	152	155	153	155	156	159
Per capita consumption: [3]												
All products	Lb. [4]	11.8	11.5	9.6	9.7	9.5	9.4	9.1	8.6	8.5	8.1	7.9
Cigarettes	1,000	4.2	4.3	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9
Weight	Lb. [4]	9.64	9.37	7.78	7.95	7.92	7.90	7.73	7.27	7.20	6.89	6.75
Cigars [5]	Number	61	70	60	52	49	44	39	36	33	47	43
Weight	Lb. [4]	1.18	1.24	1.00	.83	.77	.70	.63	.57	.54	.44	.39
Tobacco [2]	Lb. [4]	.99	.88	.83	.79	.75	.75	.72	.73	.70	.81	.79

[1] Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual. [2] *Smoking* and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco,* quarterly. [3] Based on U.S. Bureau of the Census *estimated population* 18 years old and over, as of July 1, including Armed Forces abroad. 1979 data *preliminary.* [4] Unstemmed processing weight equivalent. [5] *Weighing* over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Tobacco Situation,* quarterly.

No. 1459. Mill Consumption of Natural and Manmade Fibers: 1960 to 1979

[In millions of pounds, except per capita. Per capita figures based on U.S. Bureau of the Census population estimates as of **July 1,** including Armed Forces abroad. See *Historical Statistics, Colonial Times to 1970,* series P 229 and P 230, for wool and silk]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979 [1]
Cotton, total [2] (mil. lb.)	4,234	4,522	3,854	3,864	3,658	3,309	3,027	3,414	3,170	3,041	3,077
Per capita (lb.)	23.4	23.2	18.8	18.5	17.4	15.6	14.2	15.9	14.6	13.9	14.0
Wool, total [3] (mil. lb.)	411	387	240	219	151	93	110	122	108	115	111
Per capita (lb.)	2.3	2.0	1.2	1.0	.7	.4	.5	.6	.5	.5	.5
Flax, total (mil. lb.)	5	8	6	6	7	7	3	4	3	4	5
Silk, total (mil. lb.)	7	6	2	2	3	3	1	3	2	2	2
Manmade fibers: [4]											
Rayon, acetate, total (mil. lb.)	1,055	1,550	1,414	1,413	1,390	1,111	801	855	862	871	823
Per capita (lb.)	5.8	8.0	6.9	6.8	6.6	5.2	3.8	4.0	4.0	4.0	3.7
Noncellulosic, total (mil. lb.)	762	1,962	4,086	6,153	7,275	6,589	6,615	7,198	8,026	8,357	8,642
Per capita (lb.)	4.2	10.1	19.9	29.5	34.6	31.1	31.0	33.4	37.0	38.2	39.2

[1] *Preliminary.* [2] Reported by U.S. Bureau of the Census. For *American cotton,* tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted, 1960-1965; 20 pounds thereafter. [3] Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture. [4] From *Textile Organon.* Represents domestic shipments plus imports for consumption. Includes textile glass-fiber and producers waste consumed at mills.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Cotton and Wool Situation,* April 1980.

No. 1460. Wool—Production, Price, and Supply: 1960 to 1979

[In millions of pounds, except as indicated. For 1960 and for wool consumed in manufacturing, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series K 559-560, for shorn wool production and price, and series P 229, for wool consumed in manufacturing]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979 [1]
Stocks of apparel wool, Jan. 1 [2]	101	73	75	41	41	39	31	42	28
Sheep and lambs shorn (mil.)	31	24	19	16	14	14	13	13	13
Weight per fleece (lb.)	8.5	8.5	8.4	8.2	8.3	8.1	8.1	8.1	8.0
Shorn wool production (grease basis)	265	201	162	131	120	111	107	102	103
Price per pound [3] (cents)	42.0	47.1	35.4	59.2	44.7	65.7	72.0	74.5	86.3
Total wool production (grease basis)	299	225	177	137	125	115	109	102	103
Wool, clean basis: Total production	145	113	88	68	61	56	55	51	52
Imports of dutiable wool [4]	74	163	80	12	17	38	34	27	20
Imports of duty free wool [4]	154	109	73	15	17	19	19	23	22
Total new supply [5]	320	349	243	121	119	133	120	144	122
Consumed in manufacturing [6]	411	387	240	94	110	122	108	115	111
Apparel class [7]	246	275	164	75	94	107	95	102	101
Carpet class	165	112	77	19	16	15	13	13	10

[1] Preliminary. [2] Scoured basis. [3] Weighted season average price received by farmers. 1960, April-March marketing season; thereafter, calendar year. [4] Imports for consumption. Dutiable imports include all apparel wool, and duty-free imports include all carpet wool. [5] *Production, imports,* and stock of apparel wool Jan. 1. [6] Scoured wool, plus greasy wool reduced to scoured basis. Wool regarded as suitable for apparel purposes; formerly "Combing and Clothing." [7] Includes raw wool consumed on woolen and worsted systems only.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Agricultural Statistics,* annual. Imports from U.S. Bureau of the Census.

No. 1461. Raw Cotton—Spindles, Consumption, and Stocks: 1950 to 1980

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1970*, series P 228, for total cotton consumed including linters]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Cotton systems spindle:												
Total in place [1]	Mil	23.0	22.3	20.0	19.3	19.9	18.3	18.0	17.8	17.5	17.4	17.1
Total active [2]	Mil	21.8	20.7	19.2	18.8	19.1	16.8	17.0	16.8	16.3	16.3	16.0
Spindle hours [3]	Bil	109	113	113	102	74	44	51	45	42	42	42
Cotton consumed, total [4]	Mil. bales	8.9	8.8	9.0	9.2	8.0	5.6	7.0	6.5	6.2	6.1	6.3
Cotton stocks, end of year [5]	Mil. bales	6.5	11.0	7.3	14.1	5.4	5.2	3.4	2.8	4.9	3.5	2.8

[1] All spindles in place regardless of fiber spun. [2] Active last day of year, regardless of type of fiber spun. On July 29, 1978, there were 6,366,000 spindles active on cotton, 9,958,000 on manmade and other fibers and blends, and 1,224,000 idle. [3] Consuming 100 percent cotton. [4] Excludes linters. Includes foreign and domestic cotton. [5] Excludes linters. Includes stocks at public storage and compresses.

Source: U.S. Bureau of the Census, *Cotton Production and Distribution*, annual, and *Current Industrial Reports*, series M22P.

No. 1462. Broadwoven Gray and Finished Fabrics—Production by Type: 1960 to 1978

[**In billions of linear yards.** Fabrics classified by primary fiber content]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978
Broadwoven gray fabrics, total	12.1	13.4	11.5	11.3	10.7	9.5	10.9	10.7	10.7
Cotton woven goods over 12 in. in width [1]	9.4	9.2	6.2	5.1	4.7	4.1	4.7	4.4	4.0
Sheeting, allied coarse, medium yarn fabrics	2.5	2.6	1.8	1.3	1.1	.9	.9	.7	.7
Print cloth yarn fabrics	3.3	3.1	2.4	2.0	1.9	1.5	1.8	1.7	1.5
Manmade fiber fabrics [1]	(NA)	3.9	5.0	6.1	5.9	5.3	6.1	6.2	6.6
100 percent filament yarn	(NA)	1.6	1.5	1.9	2.0	1.7	2.0	2.0	2.3
100 percent spun yarn [2]	(NA)	1.5	2.9	3.5	3.3	3.0	3.5	3.6	3.7
Polyester blends with cotton	(NA)	.7	2.0	2.5	2.4	2.4	2.7	2.7	2.6
Woolen and worsted [3]	.3	.3	.2	.1	(Z)	(Z)	(Z)	.1	.1
Broadwoven finished fabrics, total	9.6	11.0	9.7	9.7	8.4	8.0	8.3	8.2	8.5
Cotton fiber	7.4	7.7	5.2	4.5	3.6	3.5	3.5	3.3	3.3
Manmade fiber fabrics and silk [4]	2.1	3.3	4.5	5.2	4.7	4.6	4.8	4.9	5.2
Bleached and white finished [5]	5.0	6.4	6.1	5.8	5.2	4.7	5.1	5.1	5.4
Cotton	3.2	3.5	2.4	2.0	1.8	1.6	1.6	1.6	1.6
Manmade fiber fabrics and silk [4 5]	1.8	2.8	3.7	3.8	3.4	3.1	3.5	3.5	3.8
Plain dyed and finished cottons	2.5	2.7	1.8	1.6	1.2	1.2	1.3	1.2	1.2
Printed and finished goods [6]	2.1	1.9	1.9	2.4	1.9	2.1	2.0	1.9	1.9

NA Not available. Z Less than 50 million. [1] Excludes fabrics not shown separately. [2] Except blanketing. [3] Except woven felts; in terms of finished yardage. [4] Fabrics made of polyester, rayon, acetate, nylon, silk, glass, acrylic fibers, etc. [5] Includes plain dyed manmade fibers. [6] Includes roller, screen, and block printed; excludes printed towels, tablecloths, flock, plisse, moire, or embossed.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-22S and MQ-22T.

No. 1463. Male and Female Clothing: 1960 to 1979

[See also *Historical Statistics, Colonial Times to 1970*, series P 242 and 243]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
MALE CLOTHING											
Men's suits [2]	Mil. units	21.3	21.9	17.7	16.7	16.8	13.7	16.2	17.3	17.0	14.3
Boys' suits [3]	Mil. units	5.1	6.6	4.7	3.0	2.9	2.5	2.5	3.6	4.0	(NA)
Separate trousers (men's)	Mil. units	100.3	142.3	173.6	171.1	156.6	118.9	132.2	128.8	129.2	137.9
Separate coats [4]	Mil. units	14.2	16.3	16.1	25.3	21.1	13.1	13.8	17.8	16.0	(NA)
Men's and youths'	Mil. units	10.2	12.3	11.8	21.3	18.6	11.5	12.9	16.6	15.0	14.1
Boys'	Mil. units	4.0	4.0	4.3	4.0	2.5	1.6	.9	1.2	1.0	(NA)
Woven shirts, men's [5]	Mil. doz	23.2	28.2	20.8	20.1	20.4	17.4	19.5	18.2	15.4	14.2
Overalls [6]	Mil. doz	7.5	10.6	17.9	23.1	22.0	22.7	25.1	24.7	23.6	26.2
Work shirts (incl. flannels)	Mil. doz	3.8	4.0	4.1	4.1	3.4	2.9	3.7	4.0	3.7	3.5
FEMALE CLOTHING											
Blouses	Mil. doz	15.6	19.0	13.3	17.0	17.2	18.3	19.7	24.7	25.4	27.6
Dresses	Mil. units	253	281	251	227	190	174	171	193	192	142
Suits [7]	Mil. units	9.4	11.9	8.8	8.0	7.8	9.0	11.7	36.5	32.8	31.1
Skirts	Mil. doz	8.3	8.9	6.9	5.0	4.4	4.3	4.9	5.4	5.6	7.5
Untrimmed coats	Mil. units	21.0	19.1	17.0	22.9	20.5	18.4	20.7	19.0	19.4	21.1
Fur-trimmed coats	Mil. units	2.5	6.1	4.7							
Knit outerwear: Sweaters	Mil. doz	6.4	7.3	5.3	7.0	6.3	6.6	6.1	6.6	5.9	5.7
Sport shirts	Mil. doz	2.3	3.4	4.0	6.4	7.4	7.8	8.4	11.7	11.1	(NA)

NA Not available. [1] Preliminary. [2] Beginning 1975, excludes leisure suits. [3] Beginning 1970, includes uniform suits and coats. [4] Beginning 1975, excludes leisure coats. [5] Includes dress and sport. [6] Includes jean-cut casual slacks. [7] Beginning 1977, includes pant suits.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-23A, M-23B, and M-23H.

No. 1464. Footwear—Production, Shipments, Exports, Imports, and Apparent Consumption: 1960 to 1979

[In millions of pairs, except as indicated. See *Historical Statistics, Colonial Times to 1970,* series P 260-261, for men's and women's shoes]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Apparent consumption	**623.4**	**711.3**	**801.7**	**803.6**	**743.3**	**727.9**	**786.3**	**745.7**	**787.7**	**775.7**
Production, shoes and slippers	600.0	626.2	562.3	490.0	453.0	413.1	422.5	391.1'	416.9	381.2
Percent exported	.5	.4	.4	.7	.9	1.1	1.4	1.3	1.7	2.6
Value (bil. dol.)	2.2	2.5	2.9	3.0	3.2	3.1	3.5	[2] 3.7	3.8	(NA)
Imports	26.6	87.6	241.5	317.2	294.3	319.4	369.8	360.0	375.7	403.6
Percent of total consumption	4.3	12.3	30.1	39.5	39.6	43.9	47.0	48.3	47.7	52.0
Shoes, sandals, playshoes	521.0	533.2	460.8	396.3	365.0	339.1	355.5	332.0	335.5	313.9
Men's, youths', boys'	124.7	143.8	143.5	140.8	127.9	121.2	128.1	116.8	116.8	103.5
Women's	279.8	280.0	230.2	179.3	167.1	154.1	155.9	145.0	145.4	146.6
Misses'	40.2	36.5	23.2	17.5	15.8	13.1	15.6	13.2	13.1	14.0
Children's	32.7	33.5	25.9	23.8	20.6	18.5	21.0	18.3	16.2	13.7
Infants' and babies'	36.6	32.5	29.0	25.2	23.8	24.2	24.9	22.7	23.2	21.1
Athletic shoes	7.0	7.0	9.0	9.6	9.9	7.9	10.1	16.0	20.9	15.0

NA Not available. [1] Preliminary. [2] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977.*

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports,* series M31A.

No. 1465. Hosiery—Production, by Type: 1960 to 1979

[In millions of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
All types	**154.9**	**198.2**	**244.1**	**227.4**	**216.4**	**224.8**	**253.9**	**257.4**	**263.8**	**294.5**
Women's	**65.0**	**92.7**	**125.7**	**99.9**	**88.7**	**97.7**	**113.8**	**110.6**	**110.9**	**141.7**
Pantyhose	(NA)	(NA)	88.4	75.0	60.0	61.3	70.4	68.7	74.0	91.0
Stockings	64.9	92.3	36.3	15.6	13.2	8.9	7.6	6.6	6.5	6.0
Knee-highs and anklets (sheer)	.2	.4	1.0	9.3	15.5	27.6	35.9	35.3	30.5	44.7
Infants' and children's [1]	**17.8**	**18.9**	**20.6**	**22.7**	**22.1**	**22.0**	**27.7**	**28.4**	**29.8**	**32.2**
Anklets	17.1	17.4	15.3	17.8	17.3	17.3	21.3	21.3	22.1	22.1
Girls', boys', and women's [2]	**20.8**	**35.2**	**33.6**	**41.2**	**41.4**	**41.9**	**46.4**	**49.0**	**46.7**	**48.4**
Anklets	19.4	28.9	20.4	22.2	20.7	20.7	21.3	20.2	18.5	19.6
Knee-highs	1.5	5.5	10.4	15.0	16.1	16.8	19.4	21.9	20.6	22.2
Men's (sizes 10 and up)	**51.2**	**51.8**	**64.2**	**63.7**	**64.2**	**63.2**	**66.0**	**69.3**	**76.4**	**72.2**
Anklets	39.0	43.5	54.0	52.8	53.8	51.1	51.3	50.5	51.3	43.3
Mid-calf and knee-highs	(NA)	8.1	10.0	10.8	10.3	11.9	14.5	18.6	24.7	28.5

NA Not available. [1] Sizes 3-8½. Includes knee-highs. [2] Sizes 8-11. Includes foot socks not shown separately.

Source: National Association of Hosiery Manufacturers, Charlotte, N.C., *Hosiery Statistics,* annual. (Copyright.)

No. 1466. Chemicals and Allied Products—Value of Shipments: 1965 to 1977

[In millions of dollars. "N.e.c." means not elsewhere classified]

PRODUCT	1965	1970	1972	1973	1974	1975	1976	1977
Alkalies and chlorine	575	666	806	876	1,232	1,673	1,866	1,786
Industrial gases	495	664	659	721	793	906	1,049	1,199
Cyclic crudes and intermediates	1,452	2,014	2,332	2,764	4,141	4,202	5,231	5,489
Inorganic pigments	549	683	756	893	1,196	964	1,267	1,280
Industrial organic chemicals, n.e.c	5,023	6,470	7,466	8,548	12,743	14,098	16,794	19,382
Miscellaneous cyclic chemicals, except urea	3,773	4,526	5,435	6,023	9,027	9,964	11,735	(NA)
Industrial inorganic chemicals, n.e.c	3,339	4,109	[1] 3,003	[1] 3,514	[1] 4,609	[1] 4,675	[1] 5,751	[1] 6,920
Potassium and sodium compounds	547	543	503	583	900	910	1,074	1,103
Plastics materials and resins	3,471	4,562	4,486	5,678	8,444	7,747	10,455	12,189
Synthetic rubber (vulcanizable elastomers)	959	1,114	1,289	1,397	1,862	1,820	2,204	2,354
Cellulosic manmade fibers	741	665	685	744	898	781	814	851
Organic fibers, noncellulosic	1,833	2,468	2,949	3,954	3,867	4,035	4,414	5,472
Biological products	172	351	495	559	684	788	874	1,068
Medicinals and botanicals	464	747	794	986	1,467	1,489	1,774	2,206
Pharmaceutical preparations	3,621	5,264	6,295	6,841	7,463	8,247	9,217	9,639
Soap and detergents	1,956	2,509	2,852	3,033	3,500	3,963	4,490	5,006
Polishes and sanitation goods	890	1,306	1,736	1,844	1,980	2,196	2,432	2,680
Specialty cleaning and sanitation products	448	755	899	937	1,071	1,197	1,316	1,482
Toilet preparations [2]	2,286	3,770	4,247	4,573	4,797	5,178	5,883	6,379
Hair preparations (incl. shampoos)	706	1,034	1,065	1,100	1,129	1,306	1,408	1,475
Perfumes, toilet water, colognes	264	536	677	716	755	918	1,007	1,097
Dentifrices, mouthwashes, gargles, etc	259	468	485	(S)	535	536	628	653
Paints and *allied products*	2,566	3,019	3,520	3,914	4,578	4,672	5,415	6,123
Fertilizers	1,434	1,394	[1] 2,642	[1] 3,033	[1] 5,203	[1] 6,588	[1] 6,026	[1] 6,902
Adhesives and sealants	446	580	[3] 954	[3] 1,152	[3] 1,404	[3] 1,464	[3] 1,655	[3] 1,883
Explosives	200	213	238	247	359	450	426	436
Printing ink	324	389	498	528	623	698	765	904

NA Not available. S Does not meet publication standards. [1] Synthetic ammonia, nitric acid, and ammonium compounds included in fertilizers. [2] Includes products not shown separately. [3] Excludes gelatin.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972,* and *1977,* and *Annual Survey of Manufactures.*

NO. 1467. CHEMICALS—PRODUCTION, BY KIND: 1965 TO 1978

[In thousands of short tons, except as indicated. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970,* series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively]

CHEMICAL	1965	1970	1973	1974	1975	1976	1977	1978
Acetylene [1] (mil. cu. ft.)	16,659	14,834	8,276	7,807	6,704	7,111	6,003	5,386
Aluminum chloride:								
Anhydrous (100% $AlCl_3$)	33	31	37	37	27	34	45	68
Liquid and crystal (32° Bé)	26	23	(D)	(D)	(D)	(D)	21	19
Aluminum sulfate (17% Al_2O_3) [2]	1,063	1,191	1,252	1,278	1,163	1,202	1,255	1,309
Commercial iron free	59	71	230	232	252	174	123	138
Ammonia, synthetic anhydrous	8,869	13,824	15,093	15,732	16,419	16,716	17,765	17,188
Ammonium nitrate, original solution (100% NH_4NO_3)	4,663	6,456	7,157	7,542	7,088	7,186	7,177	7,210
Ammonium sulfate, synthetic (technical) [3]	1,947	1,894	2,054	2,060	2,106	2,010	2,264	2,449
Argon, refined (mil. cu. ft.)	1,286	2,742	4,382	4,688	4,457	5,107	5,922	7,088
Calcium carbide (commercial)	1,098	791	290	324	253	244	252	260
Calcium phosphate dibasic (100% $CaHPO_4$)	263	594	540	611	522	655	699	755
Carbon, activated [4]	85	80	84	75	74	72	79	84
Carbon dioxide (liquid, gas, and solid) [5]	1,086	1,135	1,568	1,804	1,850	2,064	2,817	3,181
Chlorine, gas [6]	6,517	9,764	10,402	10,753	9,167	10,378	10,573	11,052
Chrome, yellow and orange (C.P.)	29	32	37	38	26	35	35	37
Chrome orange, molybdate (C.P.)	9	11	14	15	10	16	14	14
Hydrochloric acid (100% HCl)	1,370	2,014	2,516	2,451	2,009	2,541	2,668	2,791
Hydrofluoric acid, anhydrous and aqueous (100% HF)	150	240	269	282	213	182	171	176
Hydrogen, high purity [7 8] (bil. cu. ft.)	30	60	65	82	74	82	85	91
Hydrogen, lower purity [8 9] (bil. cu. ft.)	92							
Hydrogen peroxide (100% by weight)	53	61	80	94	80	94	94	105
Nitric acid (100% HNO_3)	4,893	6,679	8,441	8,120	7,527	7,791	7,987	7,934
Nitrogen, high purity (99.5–100%)	72	151	[10] 228	[10] 243	[10] 252	[10] 289	[10] 328	[10] 383
Nitrogen solutions (100% N) (bil. cu. ft.)	1,112	1,721	1,947	2,102	2,068	2,117	2,468	2,286
Oxygen, high purity [7] (bil. cu. ft.)	182	284	392	390	353	388	392	430
Oxygen, lower purity [9] (bil. cu. ft.)	2,170	1,899						
Phosphoric acid (100% P_2O_5)	3,905	5,683	6,848	7,213	7,677	7,949	8,745	9,359
Phosphorus (white and red)	555	597	526	524	450	437	430	441
Potassium hydroxide (88–92% KOH)	181	175	220	208	236	252	236	232
Potassium pyrophosphate (100% $K_4P_2O_7$)	55	40	42	40	41	40	41	46
Sodium bichromate and chromate	141	154	159	179	125	157	157	257
Sodium carbonate: Synthetic (58% Na_2O): [11]								
Total crude bicarbonate equivalent [12]	4,926	4,393	3,813	3,507	2,802	2,344	1,810	(D)
Finished light [13]	2,272	1,771	1,768	1,711	1,284	1,016	(D)	(D)
Finished dense	2,399	2,483	1,920	1,643	1,396	1,033	812	(D)
Natural [14]	1,494	2,678	3,707	4,048	4,353	5,216	6,228	6,776
Sodium chlorate (100% $NaClO_3$)	134	198	174	203	173	199	251	257
Sodium hydroxide (caustic soda):								
Liquid (100% NaOH)	6,842	10,141	9,307	11,189	9,299	9,987	11,000	11,326
Sodium phosphate:								
Tribasic (100% Na_3PO_4)	55	53	54	52	57	60	65	67
Meta (100% $NAPO_3$)	81	87	74	80	54	63	65	70
Tetra (100% $NA_4P_2O_7$)	107	56	46	46	34	37	41	40
Tripoly (100% $Na_5P_3O_{10}$)	923	1,208	961	903	770	724	717	739
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) [15]	588	628	723	770	724	747	760	796
Sodium sulfate:								
High purity (more than 99% Na_2SO_4)	428	812	754	783	796	507	522	509
Glauber's salt (100% Na_2SO_4–$10H_2O$)	[16] 976	561	551	565	431	725	677	660
Lower purity (99% or less Na_2SO_4)								
Sulfuric acid gross [17] (mil. sh. tons)	25	30	32	34	32	34	38	41
Titanium dioxide [18] (100% TIO_2)	577	655	785	787	603	713	687	701

D Withheld to avoid disclosing figures for individual companies. [1] Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators. [2] Excludes quantities produced and consumed by municipalities. [3] Excludes byproduct coke-oven production. [4] Includes data for decolorizing and water purification grades only. [5] Excludes quantities produced and consumed in plants manufacturing soda ash or urea. [6] Total production, including quantities liquefied for use, storage, or shipment. [7] 99.5–100%. [8] Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g., vented, used as fuel, etc. Beginning 1970, excludes amounts of hydrogen produced in petroleum refineries for captive use. [9] Less than 99.5%. [10] Combined with low purity. [11] Includes quantities used to manufacture caustic soda, sodium bicarbonate, finished light and dense soda ash. [12] Ammonia soda and caustic carbonation processes. [13] Excludes quantities converted to finished dense soda ash. [14] Collected by or in cooperation with U.S. Bureau of Mines. [15] Excludes amounts produced and consumed in making meta-, ortho-, and sesquisilicates. [16] Includes Glauber's salt converted to 100% Na_2SO_4. [17] 100% H_2SO_4. Includes sulfuric acid of oleum grades. [18] Composite and pure.

Source: U.S. Bureau of the Census, compiled from manufacturers reports and published in *Current Industrial Reports,* series MA28A, MA28B, and MA28C.

NO. 1468. PHARMACEUTICAL PREPARATIONS—VALUE OF SHIPMENTS: 1962 TO 1978

[In millions of dollars. Excludes biologicals. Total shipments includes products not shown separately]

PRODUCT	1962	1965	1970	1973	1974	1975	1976	1977	1978
Total shipments	2,796	3,583	5,280	6,463	7,090	7,887	8,778	9,414	10,218
Drugs acting on—									
Central nervous system and sense organs	698	960	1,442	1,700	1,795	2,036	2,176	2,231	2,350
Cardiovascular systems	127	175	305	461	542	634	733	751	841
Respiratory systems	278	329	489	611	646	749	862	896	1,039
Digestive or genitourinary system	392	491	688	755	867	932	1,035	1,074	1,135
Skin	136	209	299	375	432	457	529	621	653
Drugs affecting—									
Neoplasms and endocrine system	254	351	523	650	743	819	840	900	965
Parasitic and infective diseases	483	621	859	1,033	1,116	1,164	1,255	1,285	1,314
Vitamin, nutrient, and hematinic drugs	310	326	492	626	697	828	983	1,302	1,470
Preparations for veterinary use	101	120	182	250	250	268	365	354	451

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-28G.

NO. 1469. PETROLEUM AND COAL PRODUCTS—VALUE OF SHIPMENTS AND INVENTORIES: 1963 TO 1977

[In millions of dollars. See also table 1354]

ITEM AND PRODUCT	1963	1967	1972	1973	1974	1975	1976	1977
Shipments, total [1]	16,864	20,821	27,349	33,368	55,958	66,458	78,844	93,947
Petroleum refining [2]	15,558	19,249	24,773	30,472	52,225	62,481	74,348	88,590
Gasoline	7,978	9,844	13,030	15,729	24,946	31,502	36,841	41,840
Jet fuel	633	1,100	1,372	1,638	2,935	3,702	4,229	5,365
Kerosene	375	431	372	456	736	791	828	1,224
Light fuel oil	2,896	3,306	4,408	5,476	9,761	11,298	13,554	17,172
Heavy oil	622	566	1,107	1,660	3,643	4,626	5,243	6,794
Liquefied refinery gases	703	1,136	1,153	1,430	3,026	2,910	3,604	4,501
Lubricating oils and greases	785	884	895	1,061	1,502	1,443	1,639	1,719
Unfinished oils and lubricating oils base stock	526	613	734	891	1,420	1,613	2,195	2,888
Asphalt	361	424	672	808	1,489	1,541	1,564	2,217
Other petroleum products, and refinery products	1,306	1,572	2,576	2,896	3,733	3,978	4,496	5,357
Paving mixtures and blocks	403	530	893	962	1,167	1,203	1,229	1,519
Asphalt felts and coatings	408	519	902	1,059	1,357	1,463	1,700	1,829
Lubricating oils and greases not made in refining	426	443	642	718	1,005	1,059	1,216	1,514
Other	69	80	139	157	204	253	351	495
Inventories, total [3]	1,818	2,030	2,223	2,572	4,101	4,751	5,213	5,656
Petroleum refining	1,696	1,904	2,002	2,366	3,770	4,395	4,802	5,196

[1] Includes other petroleum products, not shown separately. [2] Petroleum refining by product class. [3] Includes lubricating oils and greases from purchased materials. Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, MC 77-1-29A.

NO. 1470. RUBBER—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1960 TO 1978

[*In thousands of long tons.* 1960 excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1965, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
New supply	2,150	2,581	3,042	3,177	3,340	3,547	3,285	2,826	3,332	3,557	3,688
Domestic production [1]	1,729	2,094	2,398	2,440	2,611	2,768	2,492	2,077	2,496	2,600	2,775
Synthetic	1,436	1,813	2,197	2,241	2,417	2,566	2,358	1,958	2,387	2,481	2,564
Imports [2]	420	487	644	737	729	779	793	749	836	957	913
Natural	411	445	550	613	618	643	682	658	714	793	747
Distribution	2,203	2,657	3,001	3,183	3,410	3,584	3,344	2,956	3,222	3,618	3,620
Domestic consumption [2]	1,835	2,326	2,677	2,871	3,121	3,268	3,039	2,706	2,919	3,343	3,336
Synthetic	1,079	1,540	1,918	2,093	2,292	2,402	2,175	1,933	2,136	2,433	2,453
Exports [2]	368	331	324	312	289	316	305	250	303	275	284
Synthetic	342	282	299	282	265	295	284	226	281	252	266
Stocks, end of year [2]	359	442	645	643	632	629	644	528	642	583	561

[1] Includes reclaimed and synthetic. [2] Natural, synthetic and reclaimed.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30A.

No. 1471. Iron and Steel Industry—Summary: 1960 to 1979

[Reporting companies in 1979 represented 89 percent of raw steel production of entire industry]

ITEM	Unit	1960	1965	1970	1972	1974	1975	1976	1977	1978	1979
Steel mill prod., apparent supply	Mil. tons [1]	71.5	100.6	97.1	106.6	119.6	89.0	101.1	108.4	116.6	115.0
Net shipments	Mil. tons [1]	71.1	92.7	90.8	91.8	109.5	80.0	89.4	91.1	97.9	100.3
Exports	Mil. tons [1]	3.0	2.5	7.1	2.9	5.8	3.0	2.6	2.0	2.4	2.8
Imports	Mil. tons [1]	3.4	10.4	13.4	17.7	16.0	12.0	14.3	19.3	21.1	17.5
Percent of total supply	Percent	4.7	10.3	13.8	16.6	13.4	13.5	14.1	17.8	18.1	15.2
Scrap consumed	Mil. tons [1]	52.1	69.8	69.3	71.1	81.1	62.8	68.4	69.3	76.3	77.2
Scrap produced	Mil. tons [1]	33.3	46.7	46.4	44.7	47.4	40.1	43.5	42.4	44.8	45.3
Scrap inventory	Mil. tons [1]	7.7	6.0	6.5	7.1	6.9	7.6	8.6	7.7	6.9	7.4
Iron and steel products:											
Exports	Mil. tons [1]	4.1	3.1	8.1	3.6	7.1	4.1	3.9	3.2	3.5	3.8
Imports	Mil. tons [1]	4.1	12.0	14.6	19.6	18.0	13.9	16.3	21.7	24.1	20.3
Revenues	Bil. dol.	14.2	18.0	19.3	22.6	38.2	33.7	36.5	39.7	49.5	57.4
Net income	Bil. dol.	.8	1.1	.5	.8	2.5	1.6	1.3	(z)	1.3	1.3
Stockholders' equity [2]	Bil. dol.	10.5	12.0	13.0	13.7	14.5	16.2	17.2	18.0	17.7	18.4
Total assets	Bil. dol.	15.9	18.8	23.6	24.8	29.5	30.4	33.6	35.4	38.4	41.2
Net fixed assets	Bil. dol.	8.8	10.0	14.1	14.4	15.0	16.9	18.7	19.7	20.3	21.7
Capital expenditures	Bil. dol.	1.5	1.8	1.7	1.2	2.1	3.2	3.3	2.9	2.5	3.4
Working capital ratio	Ratio	2.6	2.4	1.9	1.9	1.8	2.0	1.9	1.8	1.8	1.7
Inventories	Bil. dol.	3.0	3.2	1.1	4.1	4.4	5.4	6.4	5.9	6.5	7.2
Average employment	1,000	572	584	531	478	512	457	454	452	449	453
Man-hours worked	Mil	1,087	1,421	1,220	1,225	1,313	855	877	876	892	894
Index of output [3]	1967 = 100	82	101	101	102	123	109	117	116	122	(NA)

NA Not available. Z Less than $50 million. [1] In millions of short tons. [2] Prior to 1974, as of December 31; thereafter, as of January 1. [3] Index of output per work-hour, 1967 = 100.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report.* (Copyright.)

No. 1472. Pig Iron and Ferroalloys—Summary: 1960 to 1979

[In millions of short tons, except furnaces]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Blast furnaces, Jan. 1	263	239	228	216	206	199	196	193	179	169
Number in blast, Jan. 1	229	191	169	126	163	136	119	107	(NA)	(NA)
Total production [1]	**68.6**	**90.9**	**93.5**	**91.3**	**95.9**	**79.9**	**86.9**	**81.3**	**87.7**	**87.0**
Basic	58.3	80.4	86.4	84.0	91.2	75.9	82.9	78.2	84.5	84.0
Bessemer [2]	3.8	2.9	1.6	1.4	1.2	1.2	1.3	.4	.4	.2
Foundry [3]	2.2	2.3	2.3	2.0	1.5	1.3	1.5	1.6	1.9	1.5
All other	4.4	5.2	3.2	4.0	2.0	1.5	1.2	1.1	.9	1.3
By States:										
Alabama	3.5	4.3	4.7	4.1	3.9	3.6	3.3	3.0	3.4	(NA)
Illinois	5.3	6.3	7.4	7.2	7.2	5.2	6.4	6.2	6.9	(NA)
Indiana	8.4	11.0	13.3	15.3	17.0	15.7	17.4	16.5	18.8	(NA)
New York	4.2	6.1	5.6	4.0	4.7	3.3	4.4	3.5	3.5	(NA)
Ohio	11.8	15.4	15.6	16.4	17.4	14.1	15.8	14.7	14.3	(NA)
Pennsylvania	16.5	21.8	20.8	20.4	22.2	17.6	18.0	16.6	18.2	(NA)
Other	16.7	23.3	24.1	21.6	23.6	20.4	21.6	20.8	22.6	(NA)

NA Not available. [1] Beginning 1974, includes blast furnace ferroalloys. [2] Includes low phosphorus. [3] Includes ferrosilicon.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report.* (Copyright.)

No. 1473. Raw Steel Production: 1950 to 1979

[In millions of net tons, except percent. See also *Historical Statistics, Colonial Times to 1970,* series P 265-269]

ITEM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
World production	207.9	379.7	503.1	654.2	768.6	782.8	712.0	745.6	741.8	790.6	[1] 824.5
U.S. production	96.8	99.3	131.5	131.5	150.8	145.7	116.6	128.0	125.3	137.0	136.3
Percent of world	46.6	26.0	26.2	20.1	19.6	18.6	16.4	17.2	16.9	17.3	16.5
Basic oxygen process	–	3.3	22.9	63.3	83.3	81.6	71.8	79.9	77.4	83.5	83.3
Electric	6.0	8.4	13.8	20.2	27.8	28.7	22.7	24.6	27.9	32.2	33.9
Open hearth [2]	90.8	87.6	94.8	48.0	39.8	35.5	22.2	23.5	20.0	21.3	19.1
Carbon	88.3	90.9	116.7	117.4	132.7	126.6	100.4	112.0	108.1	116.9	116.2
Alloy and stainless	8.6	8.4	14.8	14.1	18.1	19.1	16.3	16.0	17.2	20.1	20.1

– Represents zero. [1] Preliminary. [2] Includes bessemer.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report.* (Copyright.)

No. 1474. Steel Products—Net Shipments, by Market Classes: 1960 to 1979

[In thousands of short tons. Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified]

MARKET CLASS	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total [1]	**71,149**	**92,666**	**90,798**	**109,472**	**79,957**	**89,447**	**91,147**	**97,935**	**100,262**
Automotive	14,610	20,123	14,475	18,928	15,214	21,351	21,490	21,253	18,621
Steel service centers, distributors	11,125	14,813	16,025	20,400	12,700	14,615	15,346	17,333	18,246
Construction, incl. maintenance	9,664	11,836	8,913	11,360	8,119	7,508	7,553	9,612	9,978
Containers, packaging, shipping	6,429	7,331	7,775	8,218	6,053	6,914	6,714	6,595	6,772
Cans and closures	4,976	5,867	6,239	6,349	4,859	5,290	5,173	4,950	4,994
Machinery, industrial equip., tools	3,958	5,873	5,169	6,440	5,173	5,180	5,566	5,992	5,996
Steel for converting and processing	2,928	3,932	3,443	4,486	3,255	4,036	3,679	4,612	5,058
Rail transportation	2,525	3,805	3,098	3,417	3,152	3,056	3,238	3,549	4,111
Freight cars, passenger cars (locomotives	1,763	2,875	2,005	2,097	1,794	1,428	1,709	2,188	2,445
Rails and all others [2]	762	930	1,093	1,320	1,358	1,628	1,529	1,361	1,666
Contractors' products	3,602	5,018	4,440	6,249	3,927	4,502	4,500	3,480	3,745
Oil and gas industries	1,759	1,936	3,550	4,210	4,171	2,653	3,650	4,140	3,739
Electrical equipment	2,078	2,985	2,694	3,242	2,173	2,671	2,639	2,811	2,819
Appliances, utensils, and cutlery	1,760	2,179	2,160	2,412	1,653	1,950	2,129	2,094	2,140
Other domestic commercial equip	1,959	2,179	1,778	1,941	1,390	1,813	1,846	1,889	2,073
Exports (reporting companies only)	2,563	2,078	5,985	3,961	1,755	1,839	1,076	1,224	2,007
Agricultural, incl. machinery	1,003	1,483	1,126	1,859	1,429	1,784	1,743	1,805	1,971
Independent forgers, n.e.c.	841	1,250	1,048	1,339	1,098	952	998	1,192	1,254
Industrial fasteners [3]	1,071	1,234	1,005	1,331	675	912	848	870	934
Shipbuilding and marine equipment	622	1,051	859	1,339	1,413	969	869	845	924
Mining, quarrying, and lumbering	288	392	497	644	596	536	486	508	569
Ordnance and other military	165	289	1,222	654	405	219	193	207	204
Aircraft and aerospace	78	94	56	79	69	59	63	60	60

[1] Total includes nonclassified shipments, and, beginning 1970, data include estimates for a relatively small number of companies which report raw steel production but not shipments. [2] Includes railways, rapid transit systems, railroad rails, trackwork, and equipment. [3] Bolts, nuts, rivets, and screws.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report.* (Copyright.)

No. 1475. Iron and Steel—Producer Price Indexes: 1965 to 1980

[1967 = 100]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Iron and steel, total	97.9	115.1	128.4	136.2	178.6	200.9	215.9	230.4	253.6	283.5	304.7
Steel mill products	97.5	114.2	130.4	134.1	170.0	197.2	209.8	229.9	254.5	280.4	305.5
Finished	97.5	114.2	130.4	134.1	170.0	196.6	209.0	229.0	253.5	279.5	304.3
Semifinished	98.3	112.2	130.9	133.9	169.0	206.7	223.1	243.6	270.5	294.3	324.2
Pig iron and ferroalloys	100.3	114.8	125.4	129.4	168.1	264.7	261.6	257.1	260.0	296.7	309.1
Iron ore	100.7	100.1	103.0	106.7	123.3	154.3	171.0	186.1	194.9	216.7	246.1
Scrap, iron and steel	112.6	138.8	121.8	188.0	353.2	245.6	259.0	231.2	264.6	341.9	301.5
Foundry and forge shop products	94.6	112.1	124.3	131.5	161.4	194.3	218.6	230.5	249.5	277.1	306.1

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

No. 1476. Civilian Firearms—Domestic Production and Imports: 1960 to 1979

[In thousands. Beginning 1973, fiscal-year data. Includes firearms sold under civilian marksmanship program of Department of Defense]

ITEM	1960	1965	1969	1970	1973	1974	1975	1976	1977	1978	1979
Total	**2,163**	**3,121**	**6,180**	(NA)	**5,758**	**6,542**	**6,852**	**6,120**	**5,798**	**5,735**	**6,209**
Domestic production	1,508	2,355	5,290	(NA)	4,844	5,639	5,768	5,225	5,016	4,866	5,323
Handguns	475	666	2,840	(NA)	1,734	1,715	2,024	1,833	1,868	1,889	2,126
Rifles	469	790	2,450	(NA)	1,830	2,099	2,123	2,091	1,923	1,781	1,878
Shotguns	564	899		(NA)	1,280	1,825	1,621	1,301	1,225	1,196	1,319
Imports for consumption	655	766	890	826	914	903	1,084	895	782	869	886
Handguns	128	347	349	227	299	259	462	270	316	273	271
Rifles	402	245	207	237	195	188	166	157	170	223	257
Shotguns	125	174	334	363	420	456	457	468	296	373	358

NA Not available.

Source: 1960-1970, U.S. Bureau of the Census, *U.S. Imports, General and Consumption, Schedule A Commodity and Country,* FT 135, and National Commission on the Causes and Prevention of Violence, Task Force report, *Firearms and Violence in American Life.* Beginning 1973, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol, Tobacco and Firearms, Summary Statistics,* Publication ATFP 1323.1.

No. 1477. Ferrous Castings—Shipments: 1960 to 1979

[**In thousands of short tons.** 1960 excludes Alaska and Hawaii. Data are based on a sample of foundries]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Gray iron castings [1] [2]	11,594	15,713	13,945	17,047	15,661	12,407	14,168	15,107	15,452	14,532
Pressure pipe and fittings	1,336	1,876	1,691	2,105	1,957	1,253	1,332	1,640	1,722	1,557
Soil pipe and fittings	782	958	953	956	771	595	657	459	497	594
All other	9,476	12,879	11,301	13,986	12,933	10,559	12,179	13,008	13,233	12,381
Malleable iron castings	821	1,136	852	1,031	912	729	848	829	817	725
For sale	467	648	521	616	553	431	491	458	447	383
For own use	354	488	331	415	359	298	357	371	370	342
Standard malleable	632	827	628	734	669	509	569	574	553	493
Pearlitic malleable	189	309	224	297	243	220	279	255	264	232
Steel castings [1]	1,392	1,961	1,724	1,894	2,091	1,974	1,804	1,677	1,854	2,029
Carbon	1,016	1,378	1,147	1,277	1,394	1,336	1,188	1,142	1,267	1,352
Alloy	376	583	577	617	697	638	616	533	587	677

[1] Includes shipments "for own use." [2] Includes ductile (nodular) iron castings.

Source: U.S. Bureau of the Census. Monthly data in *Current Industrial Reports*, series M33A.

No. 1478. Nonferrous Castings—Shipments: 1960 to 1979

[**In millions of pounds.** Shipments include "for own use." Data based on sample and subject to sampling variation; see text, p. 803]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Shipments, all types	2,201	3,437	3,033	3,800	3,211	2,534	3,157	3,281	3,205	3,158
Copper and copper-base alloy	760	889	751	780	671	519	549	2,009	2,005	1,991
Aluminum and aluminum-base alloy	775	1,409	1,506	2,026	1,759	1,375	1,845	579	567	592
Zinc and zinc-base alloy	623	1,065	696	908	693	572	691	613	558	517
Magnesium and magnesium-base alloy	24	32	34	45	49	32	39	49	44	33
Lead and lead-base alloy die [2]	21	42	45	41	39	36	32	31	31	25

[1] Preliminary. [2] Excludes lead die casting for battery plates and parts.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33E.

No. 1479. Copper-Base Mill and Foundry Products—Shipments: 1960 to 1978

[**In millions of pounds, metal weight.** 1960 excludes Alaska and Hawaii]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978 [1]
Total	4,298	6,288	5,640	7,195	6,196	4,639	5,512	5,980	6,251
Brass mill products	1,878	2,974	2,513	3,319	2,813	2,025	2,517	2,668	2,712
Alloyed [2]	1,128	1,711	1,542	2,060	1,816	1,324	1,643	1,726	1,750
Unalloyed	750	1,263	971	1,259	997	701	873	942	962
Copper wire mill products [3]	1,521	2,177	2,329	3,032	2,647	2,056	2,383	2,667	2,911
Brass and bronze foundry products	862	1,075	751	780	667	512	547	583	565
Copper-base powder mill products	39	62	47	64	69	46	65	64	63

[1] Preliminary. [2] Excludes webbing scrap (military ammunition cups and discs). [3] Copper content.

Source: U.S. Bureau of the Census and U.S. Bureau of Industrial Economics, *Current Industrial Reports*, series ITA-9008, annual.

No. 1480. Aluminum and Magnesium Mill Products—Net Shipments: 1960 to 1979

[**In millions of pounds.** 1960 excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 [1]
Aluminum mill products	3,049	5,692	7,358	10,900	10,461	7,427	9,706	10,419	11,331	11,186
Plate, sheet, and foil	1,637	3,019	4,247	6,516	6,374	4,664	6,346	6,846	7,285	7,198
Extruded shapes and tubing	937	1,719	1,823	2,636	2,384	1,643	2,141	2,396	2,618	2,480
Rolled structural shapes, rod, bar [2]	392	800	963	1,349	1,387	924	985	935	1,156	1,235
Powder, flake and paste	33	59	205	257	177	99	132	121	136	126
Forgings and impacts	50	95	120	142	138	97	100	121	136	147
Magnesium mill products	21	32	31	32	29	22	22	24	25	(NA)

NA Not available. [1] Preliminary. [2] Includes wire.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2 and MA33G.

No. 1481. Machinery (Except Electrical)—Value of Shipments: 1960 to 1977

[In millions of dollars. Based on sample; see Appendix III]

PRODUCT	1960	1970	1972	1973	1974	1975	1976	1977
Automatic vending machines [1]	185	266	306	309	329	225	306	396
Ball and roller bearings and components	836	1,295	1,419	1,696	1,961	2,046	2,195	2,445
Blowers and fans [1]	269	647	682	905	1,034	1,247	1,400	1,422
Commercial laundry, dry cleaning, and pressing machines [1 2]	120	204	185	227	203	184	202	234
Calculating and accounting machines [1]	(NA)	525	694	990	1,207	837	790	836
Electronic computing equipment [1]	(NA)	5,671	6,108	7,085	8,668	8,443	10,134	12,673
Carburetors, pistons, piston rings, valves	(NA)	530	792	922	890	898	1,120	1,296
Chemical manufacturing machinery and equipment [1]	137	232	213	258	396	476	536	437
Commercial cooking and food warming equipment [1]	172	200	217	248	291	304	377	386
Construction machinery [3]	940	2,049	3,161	3,795	4,520	5,070	5,540	6,597
Conveyors and conveying equipment [1]	367	814	826	1,004	1,285	1,333	1,385	1,684
Elevators and escalators [1]	205	326	412	447	462	388	396	435
Farm machinery, except tractors [1]	1,449	3,065	2,928	3,724	4,793	5,316	5,907	6,912
Lawn and garden equipment [1]			1,143	1,249	1,713	1,558	1,676	1,747
Farm tractors, wheel-type, incl. attachments	[1] 511	915	1,215	1,414	1,753	2,374	2,514	2,637
Filters and strainers	(NA)	(NA)	275	350	440	559	575	630
Food products machinery [2]	462	823	867	1,112	1,313	1,411	1,394	1,576
Hoists, cranes, and monorails [1]	201	487	446	531	603	756	809	901
Industrial furnaces and ovens [1]	215	377	341	450	515	532	585	704
Industrial patterns	140	214	234	262	318	307	283	412
Industrial trucks and tractors [1]	389	890	1,005	1,231	1,526	1,302	1,341	1,800
Internal combustion engines [1 4]	1,215	2,762	3,353	4,106	5,095	5,191	6,138	7,548
Measuring and dispensing pumps [1]	102	172	183	168	221	247	262	266
Metal cutting machine tools [1]	747	1,544	1,259	1,719	2,136	2,406	2,146	2,561
Metal forming machine tools [1]	379	735	670	877	1,053	1,026	1,051	1,115
Office machines and typewriters [1]	456	978	1,047	1,172	1,441	1,334	1,563	2,020
Oil and gas field machinery [1]	507	934	980	1,211	1,714	2,412	2,637	3,211
Packing and packaging machinery [1 5]	(NA)	(NA)	232	286	340	383	391	491
Paper industries machinery [1]	348	455	381	458	685	761	773	698
Plastics-working machinery and equipment [1]	91	349	434	585	528	444	554	670
Power-driven handtools [1]	254	523	725	801	849	772	878	1,497
Printing trades machinery and equipment [1]	350	657	737	842	913	940	1,006	1,287
Pumps and pumping equipment [1 6]	1,107	2,203	1,633	2,013	2,297	2,623	2,985	3,504
Refrigeration machinery, and gas and oil warm-air furnaces [1]	1,809	5,053	6,232	6,917	6,871	6,151	7,563	8,502
Rolling mill machinery [1]	240	299	248	266	321	433	470	361
Rubber working machinery [1 7]	90	171	137	209	216	163	173	158
Scales and balances, except laboratory [1]	66	153	182	200	235	268	299	329
Small cutting tools for metalworking machinery	401	700	738	928	1,129	1,185	1,277	1,375
Special dies, tools, jigs, and fixtures	1,751	2,775	2,714	3,169	3,549	3,068	3,620	4,450
Steam, gas, and hydraulic turbines, generators, and turbine generator sets [1]	623	1,640	2,080	2,285	2,482	2,585	2,803	2,813
Textile machinery [1]	494	712	738	821	987	861	918	857
Tractor shovel loaders	286	581	811	944	1,228	1,280	1,141	1,537
Tractors, contractors, wheel-type [8]	65	205	252	328	373	381	300	454
Tractors, tracklaying type	270	479	564	713	897	1,128	1,061	1,165
Woodworking machinery [1]	176	341	340	523	684	637	756	547

NA Not available. [1] Includes parts. [2] Beginning 1972, excludes coin-operated washers and dryers with less than 10 lb. capacity. [3] Excludes tractors and tractor shovel loaders. [4] Excludes aircraft and gasoline automotive. [5] Represents machinery for food products. [6] Excludes measuring and dispensing pumps. [7] Excludes tire molds. [8] Off-highway.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures.*

No. 1482. Air-Conditioning and Refrigeration—Shipments: 1965 to 1978

[See *Historical Statistics, Colonial Times to 1970*, series P 280, for room air-conditioners]

PRODUCT	NUMBER (1,000)					VALUE (mil. dol.)				
	1965	1970	1975	1977	1978	1965	1970	1975	1977	1978
Centrifugal-refrigeration systems	3	4	5	3	(D)	63	106	161	113	(D)
Compressors and compressor units [1]	8,526	14,653	15,034	23,990	25,305	333	628	840	1,494	1,663
Condensing units [1]	599	485	335	530	537	69	72	92	160	171
Air-cooled	563	461	321	512	520	55	56	75	126	136
Heat-transfer equipment	(NA)	(NA)	657	811	794	217	360	254	331	394
Ice-making machines	87	103	128	165	179	43	59	88	144	161
Room air-conditioners	2,868	5,365	2,648	3,303	3,903	383	776	464	682	835
Unitary air-conditioners	837	1,459	1,561	2,829	3,224	425	755	923	1,645	1,959
Heat pumps	72	88	160	537	614	35	43	88	303	371

D Withheld to avoid disclosing figures for individual companies. NA Not available. [1] Excludes units for ammonia refrigerants.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-35M.

NO. 1483. ELECTRICAL MACHINERY AND PRODUCTS SHIPMENTS: 1960 TO 1977

[In millions of dollars. All figures based on sample and subject to sampling variability. "N.e.c." means not elsewhere classified]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977
Batteries	558	831	1,056	1,270	1,405	1,616	1,747	2,110	2,535
Primary, dry and wet	153	221	290	317	346	394	456	606	624
Storage	405	610	766	953	1,059	1,222	1,291	1,504	1,911
Cathode ray picture tubes	213	432	458	634	697	600	514	605	603
Communications equipment	2,028	3,098	5,444	5,529	6,416	7,510	7,941	8,572	11,031
Telephone and telegraph	1,431	1,953	3,575	3,974	4,427	4,883	4,734	5,132	7,119
Broadcast, studio, and related	597	1,145	1,869	1,555	1,989	472	469	560	568
Other, including mobile radio						2,155	2,739	2,880	3,344
Electric housewares and fans	598	1,002	1,261	1,448	1,704	1,643	1,687	1,979	2,304
Electric lamp bulbs	490	643	885	1,069	1,166	1,199	1,225	1,477	1,630
Carbon and graphite products	187	277	357	336	353	545	568	604	663
Resistors for electronic application	212	370	348	438	557	518	466	618	583
Electronic coils, transformers, reactors, chokes	215	367	389	385	461	528	489	539	606
Electronic connectors	(NA)	2,276	3,134	524	658	793	839	838	986
Electronic components, n.e.c.				3,210	3,725	3,569	3,445	4,262	5,574
Engine electrical equipment	772	1,059	1,437	1,781	2,052	2,049	2,050	2,649	3,049
Industrial controls	567	825	1,154	1,246	1,542	1,870	1,874	2,013	2,429
Household cooking equipment	469	624	811	1,027	1,201	1,211	1,101	1,514	1,819
Household laundry equipment [1]	695	871	1,024	1,290	1,370	1,317	1,255	1,445	1,697
Household refrigerators and freezers	805	960	1,220	1,419	1,634	1,750	1,611	1,579	2,006
Household vacuum cleaners	[2] 161	221	328	439	501	516	544	654	710
Household appliances, n.e.c	350	479	623	825	967	987	920	1,103	1,383
Intercommunication, alarm, and traffic control systems	184	197	253	336	445	528	563	606	852
Lighting fixtures [3]	849	1,313	1,796	2,276	2,513	2,506	2,366	2,738	3,230
Residential	255	400	537	746	799	686	640	782	975
Commercial and institutional	227	337	466	527	572	662	577	638	654
Motors and generators	1,508	1,936	2,478	2,636	3,137	3,628	3,677	4,129	4,976
Phonograph records and prerecorded tapes [4]	149	198	402	537	561	569	549	742	1,139
Radio and TV receiving sets [5]	1,641	2,984	2,966	3,589	4,158	3,892	3,545	4,143	4,731
Radios and radio-phono-combinations [5]	415	698	618	754	908	736	676	824	812
Household TV receivers	775	1,687	1,756	2,149	2,432	2,229	1,924	2,225	2,451
Sewing machines, household and industrial	130	114	126	152	182	203	204	258	260
Semiconductors and related devices	(S)	839	1,582	2,361	3,178	3,575	3,038	4,079	4,532
Switchgear and switchboard apparatus	899	1,269	1,849	2,059	2,350	2,520	2,509	2,662	3,298
Transformers	725	891	1,378	1,436	1,675	2,001	1,769	1,821	2,116
Welding apparatus	283	433	470	570	663	897	908	870	1,035
Wiring devices, current carrying	622	644	983	1,207	1,417	1,524	1,240	1,641	1,825
Wiring devices, noncurrent-carrying	360	536	700	833	1,019	1,252	1,074	1,171	1,316
X-ray and electromedical equipment	88	121	235	383	423	593	740	820	1,838

NA Not available. S Withheld because data did not meet publication standards. [1] Beginning 1972, includes coin-operated washers and dryers with less than 10-lb. capacity. [2] Includes commercial and industrial vacuum cleaners. [3] Includes items not shown separately. [4] Includes record blanks. [5] Household and auto radios.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures.*

NO. 1484. ELECTRONIC COMPUTING EQUIPMENT INDUSTRY—SUMMARY: 1972 TO 1977

[In millions of dollars, except as indicated. Data for the noncensus years (all years except 1972 and 1977) are based on sample surveys and are therefore subject to sampling errors. See source for further detail]

ITEM	1972	1973	1974	1975	1976	1977
Employment, total (1,000)	144.8	155.3	176.7	162.5	165.7	192.6
Salaries and wages	1,668	1,873	2,222	2,292	2,451	3,004
Production workers (1,000)	64.7	74.9	86.8	73.8	71.3	85.5
Work-hours (million)	130.6	151.4	173.0	145.9	144.0	172.3
Workers wages	547	660	795	731	707	978
Value added	3,498	4,238	5,205	4,960	6,108	7,623
Supplemental labor cost	205	237	312	343	399	(NA)
Cost of materials	2,981	3,481	4,164	3,705	4,380	5,701
Value of shipments	6,471	7,423	9,122	8,560	10,388	12,922
New expenditures	213	207	296	292	373	651
Inventories	1,574	2,005	2,478	2,264	2,294	3,008
Assets, total	1,896	1,857	2,085	2,232	2,353	(NA)
Ratio of:						
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments	.750	.753	.753	.741	.696	(NA)
Cost of materials to value of shipments	.461	.469	.457	.433	.422	.441
Value added to value of shipments	.540	.571	.571	.548	.588	.590
Value added to work-hours	26.78	27.99	30.09	32.15	42.42	44.24

NA Not available.

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, Industry Profiles and Census of Manufactures, 1972* and *1977.*

No. 1485. Electronic Components and Accessories Industry—Summary: 1972 to 1977

[In millions of dollars, except as indicated. See headnote, table 1484]

ITEM	1972	1973	1974	1975	1976	1977
Employment, total (1,000)	336.0	394.8	381.7	302.3	323.0	373.6
Salaries and wages	2,870	3,474	3,686	3,358	3,763	4,557
Production workers (1,000)	233.9	283.2	266.3	197.6	218.8	257.9
Workers wages	1,560	1,971	1,974	1,705	1,964	2,458
Value added	5,306	6,596	6,963	5,984	7,568	9,256
Supplemental labor cost	388	481	571	538	669	811
Cost of materials	3,468	4,437	4,635	3,984	5,008	6,391
Value of shipments	8,826	10,783	11,301	10,089	12,433	15,387
New expenditures	344	629	785	536	651	782
Inventories	1,495	1,965	2,286	2,050	2,320	2,774
Assets, total	3,701	4,083	4,469	4,868	5,228	6,026
Rents, total	66	81	97	108	112	108
Ratio of:						
Cost of materials to value of shipments	.393	.411	.410	.395	.403	.415
Value added to value of shipments	.601	.612	.616	.593	.609	.602

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures, Industry Profiles*, and *Census of Manufactures, 1972* and *1977*.

No. 1486. Electronic Components—Factory Sales: 1970 to 1978

[In millions of dollars]

SALES	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	**5,059**	**4,768**	**5,495**	**7,804**	**8,342**	**6,728**	**8,772**	**9,985**	**11,392**
Discrete components	4,535	4,234	4,777	6,080	6,220	5,016	6,128	6,976	7,932
Active components	1,845	1,716	2,006	2,739	2,720	2,361	2,901	3,129	3,379
Electron tubes	1,076	1,094	1,258	1,338	1,196	1,071	1,233	1,296	1,454
Semiconductors	769	622	748	1,401	1,524	1,290	1,668	1,833	1,925
Transistors [1]	352	303	358	557	543	405	421	452	475
Diodes and rectifiers	378	278	314	844	509	353	381	404	424
Other [2]	39	41	76	–	472	532	866	977	1,026
Passive components	1,120	1,068	1,141	1,484	1,595	1,273	1,484	1,752	1,998
Other	1,570	1,450	1,630	1,857	1,905	1,382	1,743	2,095	2,555
Intergrated circuit packages [3]	524	534	718	1,724	2,122	1,712	2,644	3,009	3,460
R & D expenditures [4]	571	483	455	485	586	501	427	598	[5] 661

– Represents zero. [1] Includes dual transistors for 1970 through 1973. [2] Includes light sensitive diodes, other light sensitive components, thermoelectrical devices; hall devices, and other semiconductor devices. Excludes semiconductor intergrated circuits. [3] Intergrated circuit packages include sales of monolithic intergrated circuits and hybrid intergrated circuits. [4] Electronic research and development, test and evaluation (receipts or billings not reported as shipments of specific products). Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA36N, annual. [5] Preliminary.

Source: Except as noted, Electronic Industries Association, *Electronic Market Data Book*, 1979 edition (copyright).

No. 1487. Transportation Equipment—Value of Shipments: 1960 to 1977

[In millions of dollars. "N.e.c." means not elsewhere classified]

TYPE OF EQUIPMENT	1960	1965	1970	1972	1973	1974	1975	1976	1977
Motor vehicles and car bodies [1]	16,739	26,310	26,811	41,046	48,009	41,950	43,394	59,753	72,979
Passenger cars and chassis	14,009	21,852	19,391	29,246	33,358	27,154	28,883	39,746	47,799
Truck tractors, chassis, trucks	2,573	4,289	5,734	9,566	12,167	12,846	11,872	16,597	21,544
Motor vehicle parts and accessories	12,273	[2] 18,875	13,189	19,417	22,856	22,670	23,023	30,385	37,842
Truck trailers	(NA)	671	765	1,079	1,298	1,595	878	1,250	1,607
Aircraft [1 3]	[4] 4,653	5,277	8,722	7,538	9,486	10,364	10,881	11,723	12,053
Complete aircraft, military	[4] 2,395	2,657	3,833	2,803	2,884	3,186	4,017	4,671	4,580
Complete aircraft, personal [5]	1,270	337	3,176	474	870	811	1,003	1,204	2,034
Commercial transport (complete)		1,275		2,787	3,873	4,207	3,653	3,355	2,672
Aircraft engines and parts	2,779	3,871	4,594	3,070	3,687	4,026	4,488	4,928	4,995
Aircraft equipment, n.e.c.	3,966	3,683	5,273	3,437	4,074	4,458	4,842	5,102	5,762
Shipbuilding and repairing [1 4]	1,216	1,918	2,594	3,201	3,888	4,712	5,513	5,833	6,270
Self-propelled ships, military [6]	406	742	1,066	1,100	1,333	1,714	1,768	1,957	2,212
Self-propelled ships, nonmilitary [5]	351	282	514	816	1,202	1,290	1,806	1,825	1,917
Boat building and repairing	331	423	644	1,031	1,159	1,121	1,290	1,571	1,822
Railroad equipment	1,087	2,027	(D)	2,284	2,512	3,308	3,885	3,336	4,002
Motorcycles, bicycles, and parts	123	226	395	541	721	880	705	668	847
Travel trailers and campers	(NA)	(NA)	(NA)	1,277	1,134	781	1,083	1,356	1,478

D Withheld to avoid disclosure. NA Not available. [1] Includes data for products not shown separately. [2] Includes combat vehicles. [3] See table 1165 for number of civil aircraft shipments. [4] Value of work done. [5] Includes utility. [6] New construction.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures*.

No. 1488. Home Appliances—Shipments and Retail Value: 1970 to 1979

[Compiled from reports of associations and manufacturers. *Except as indicated, covers electric appliances only*]

PRODUCT	MANUFACTURERS SHIPMENTS (1,000 units)					RETAIL VALUE (mil. dol.)				
	1970	1975	1977	1978	1979	1970	1975	1977	1978	1979
Major appliances	**29,052**	**27,851**	**33,958**	**36,447**	**36,465**	**6,146**	**7,258**	**10,807**	**12,515**	**13,058**
Air treatment [1]	6,485	3,292	3,804	4,709	4,680	1,254	755	1,038	1,459	1,512
Air conditioners	5,887	2,670	3,270	4,037	3,749	1,207	641	912	1,312	1,327
Dehumidifiers	598	392	314	441	684	47	37	47	62	98
Kitchen appliances	15,492	16,864	21,090	22,268	22,489	3,410	4,337	6,885	8,197	8,638
Dishwashers	2,116	2,702	3,356	3,557	3,488	466	697	994	1,082	1,138
Disposers, food waste	1,977	2,080	2,941	3,313	3,316	129	187	324	285	295
Freezers (10 cu. ft. and over)	1,359	2,457	1,598	1,522	1,859	302	600	490	499	699
Microwave ovens	30	840	2,175	2,422	2,815	15	337	982	1,142	1,311
Ranges, electric	2,362	2,082	3,009	3,218	3,003	540	513	919	1,132	1,152
Ranges, gas	2,362	1,618	1,753	1,797	1,794	510	383	537	619	643
Ranges, smooth top	(x)	275	274	249	220	(x)	144	147	138	139
Refrigerators (6.5 cu. ft. and over)	5,286	4,577	5,707	5,890	5,701	1,448	1,423	2,425	3,228	3,187
Trash compactors	(x)	233	277	300	293	(x)	52	66	72	74
Home laundry	7,075	6,658	7,987	8,120	7,999	1,482	1,865	2,661	2,575	2,612
Dryers	2,981	2,680	3,339	3,392	3,333	525	672	930	864	906
Washers	4,094	3,978	4,648	4,728	4,666	957	1,293	1,731	1,711	1,706
Compact appliances	(x)	1,037	1,077	1,350	1,297	(x)	201	223	284	296
Kitchen electrics [1]	50,640	57,486	68,767	73,217	76,478	949	1,295	1,640	1,841	2,011
Blenders	5,100	4,000	5,250	5,660	5,025	128	92	121	113	106
Broilers	2,605	2,006	2,150	2,280	2,423	71	66	76	99	119
Coffeemakers	8,100	10,656	9,970	10,500	12,104	130	242	240	265	298
Corn poppers	2,300	2,430	3,071	3,600	5,280	23	29	43	65	130
Food processors	(x)	(x)	700	2,000	2,653	(x)	(x)	60	120	162
Frypan-skillets	3,200	2,611	2,500	2,600	2,709	93	89	88	94	103
Griddles/quick grills	500	640	625	646	661	13	18	17	18	21
Irons	9,275	7,883	8,736	10,451	10,340	159	187	236	298	287
Mixers	4,675	4,477	5,095	5,175	5,568	90	106	123	132	156
Slow cookers	(x)	6,500	7,950	6,700	5,641	(x)	156	191	141	107
Toasters	5,975	6,204	7,400	8,100	8,916	108	144	190	220	252
Waffle irons/sandwich grills	1,025	1,028	1,058	1,034	1,119	19	20	19	18	25
Fans	9,875	9,236	10,515	11,648	12,449	283	238	285	346	485
Portable electric heaters	2,635	2,990	4,120	4,467	4,437	70	70	114	123	138
Floor care [1]	8,538	9,120	10,395	10,685	10,734	548	689	1,035	1,136	1,208
Floor polishers	*1,156*	*530*	*530*	*520*	512	46	19	21	*23*	27
Vacuum cleaners	7,382	7,650	8,705	8,965	8,922	502	657	997	1,091	1,155
Personal care [1]	25,100	36,495	45,080	49,542	50,291	477	707	929	933	916
Bed covering	4,050	4,032	4,490	4,900	5,125	81	89	112	127	144
Hair dryers	6,100	10,496	16,495	18,970	18,488	146	242	389	354	313
Hair setters	5,500	2,033	1,800	1,989	2,382	121	37	36	41	52
Heating pads	3,900	3,500	3,800	3,940	4,100	23	32	30	35	37
Oral hygiene devices	*2,850*	*1,602*	*1,365*	*1,540*	1,650	46	23	19	25	28
Power mowers	(NA)	5,670	6,085	6,315	6,814	(NA)	(NA)	1,063	1,261	2,260
Home and auto electronics:										
Televisions	9,368	11,453	14,771	16,300	16,074	3,090	3,800	5,089	5,694	5,300
Black and white	4,546	4,968	5,664	6,064	6,281	611	529	651	701	682
Color	4,822	6,485	9,107	10,236	9,793	2,479	3,271	4,438	4,993	4,618
Videocassette recorders	(x)	(x)	225	402	478	(x)	(x)	248	356	431
Components, hifi	(NA)	10,105	12,045	13,190	14,425	(NA)	1,017	1,324	1,497	1,666
Compact hifi systems	(NA)	3,491	4,508	4,474	4,341	(NA)	681	915	963	939
Portable tape player/recorder	(NA)	10,240	12,239	13,198	13,407	(NA)	487	585	681	674
Tape decks	(NA)	486	591	650	675	(NA)	133	162	182	184
Radios	34,049	25,276	41,800	32,478	28,550	682	615	1,168	1,056	919
Autosound	(NA)	6,484	8,644	8,655	9,130	(NA)	540	824	888	1,081
CB radios	(NA)	4,500	7,182	4,736	1,590	(NA)	816	572	393	130
Blank tape	(NA)	203,844	249,090	268,500	244,753	(NA)	349	478	805	687
Audio	(NA)	(NA)	246,090	263,000	234,786	(NA)	(NA)	436	710	511
Video	(NA)	(NA)	3,000	5,500	9,967	(NA)	(NA)	42	95	176
Calculators	(NA)	18,350	22,089	23,341	24,978	(NA)	1,153	877	915	776
Hand-held	(NA)	16,050	18,808	20,111	21,317	(NA)	613	426	495	425
Desk top	(NA)	2,300	3,281	3,230	3,661	(NA)	540	451	420	351
Digital watches	(NA)	4,200	15,600	17,750	19,717	(NA)	319	686	643	649

NA Not available. X Not applicable. [1] Includes products not shown separately.

Source: Gralla Publications, Inc., New York, N.Y., *Merchandising*, 58th Annual Statistical and Marketing Report.